

BDNA Data Platform 5.5
Technopedia Content Guide

Legal Information

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Introduction to Technopedia

About this Document

Welcome to the *Technopedia Content Guide*. The *Technopedia Content Guide* describes the high-level taxonomy of Technopedia™. The taxonomy is the basis on which products are listed and organized within Technopedia. The *Technopedia Content Guide* contains the following information:

- Chapter 1 provides an overview of Technopedia and the Technopedia Content Packs.
- Chapter 2 provides the Technopedia baseline data, including the manufacturer, hardware, and software information required for successful IT processes and projects.
- Chapter 3 provides information about the Technopedia Content Packs, which extend Technopedia with use-case specific IT content, such as product lifecycle, hardware specifications, application compatibility, and more.

About Technopedia

Technopedia is the world's largest repository of technology market information. It contains enterprise software and hardware products categorized and aligned to deliver consistent, accurate, and business-relevant information.

Technopedia market data is updated daily. Technopedia contains the following data:

- Hardware and software entries, including Manufacturer, Model, Supported OS, Edition, Platforms, Release, Version, and Suite.
- Market data points such as, General Availability, End-of-Life, Windows 7/8/10 Compatibility, Windows Server Compatibility, and Hardware Specifications.
- BDNA is expanding Technopedia with a new vertical, the “Healthcare Market.” This extension to Technopedia includes Medical Devices and a new set of Market Data attributes. In its first phase, the medical devices will only include “Repairable Medical Devices” (FDA Class 2 & 3).
- Technopedia will soon be adding the Building and Facilities, and the Banking and Financial content packs. Currently there is only core data such as hardware and software that relates to these categories.

Technopedia provides the market intelligence you need in order to make smarter and faster decisions. Some of its many uses include:

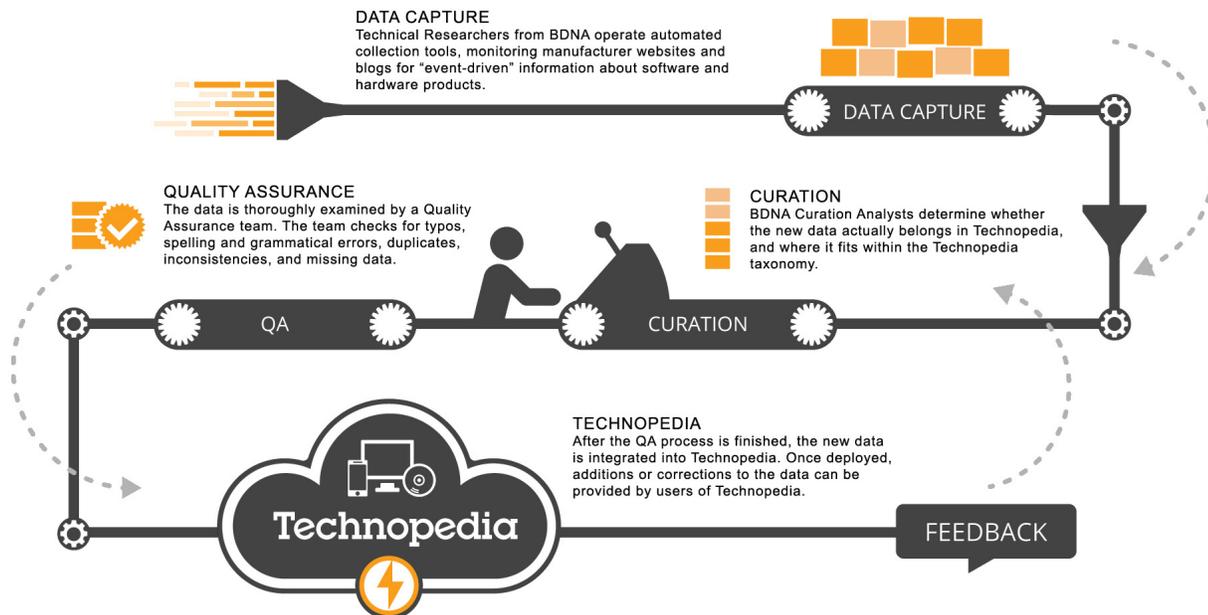
- A media library used in conjunction with your CMDB.
- A reference IT/MD catalog for market intelligence and procurement research.
- An essential component of an enterprise architecture tool set, or vendor management integration.
- Medical devices and a new set of market data attributes pertaining to medical devices.

The Technopedia Data Factory

The Technopedia Data Factory is the infrastructure built by BDNA to create, curate, and manage Technopedia. The Technopedia Data Factory is a combination of tools, automation, and human processes that have been refined in order to deliver precise and accurate information. Much like a continuous manufacturing plant, it also produces high-quality data. The “stations” that comprise the Technopedia Data Factory include:

1. **Data Capture**—Technical Researchers from BDNA operate automated collection tools, monitoring manufacturer websites and blogs for event-driven information about software and hardware products. Data can also be added through interaction with customers who are already using Technopedia. This can take the form of customer requests for enhancements, or by adding unmatched data to Technopedia.
2. **Curation**—A team of BDNA Curation Analysts determines whether the new data actually belongs in Technopedia, where that data fits within the Technopedia taxonomy, and what supplemental market data can be added to enhance the new data.
3. **Quality Assurance**—When the curation process is finished, the new data is thoroughly examined by a Quality Assurance team. This team checks for typos, spelling, grammatical errors, duplicates, inconsistencies, and missing data.
4. **Technopedia**—At this point, the certified data is integrated into Technopedia. Once deployed, additions or corrections to the data can be provided by users of Technopedia. These are forwarded to BDNA Curation Analysts who determine how the new information fits within the Technopedia framework.

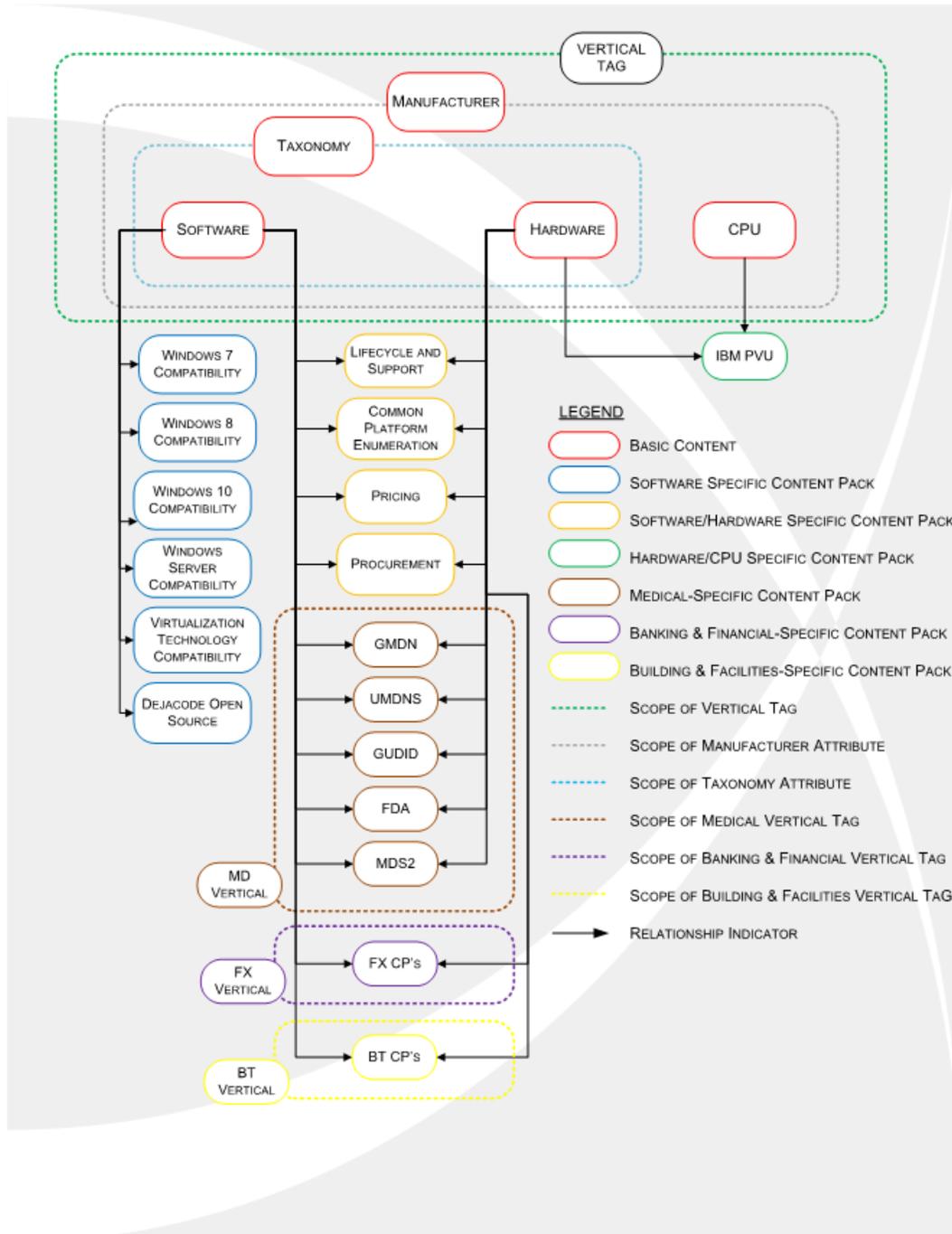
Figure 2-1: Technopedia Data Factory



About the Technopedia Content Packs

Technopedia Content Packs extend Technopedia with use-case-specific IT and Medical Device content, such as Product Lifecycle, Hardware Specifications, and Application Compatibility. Like Technopedia, Content Packs are updated daily in order to reflect the latest advances in the marketplace. Additionally, the number of Content Packs and supported use cases grows every day. The Building and Facilities, and the Banking and Financial Content Packs will be introduced soon.

Figure 2-2: Technopedia Basic Content and Content Packs



Technopedia Basic Content

About Chapter 2

This chapter contains tables that show the Basic Content of Technopedia organized by type of data. In addition, the tables provide descriptions of the attributes associated with the different types of data.

Common Attributes

The following table shows the attributes that are common to all data types.

Table 1: Common Attributes

| Attribute | Description |
|--------------------|---|
| Create Date | The date when an entry was first created. |
| Last Modified Date | The date when last modification to the entry was made. |
| To Be Deleted | This indicates whether or not a record is marked for deletion (i.e. Y or N). |
| To Be Deleted On | The date when the record will be deleted. |
| Delete Reason | The reason why the entry is marked for deletion (i.e. values are Duplicate or Inaccurate). |
| Replacement ID | The unique identifier of the replacement entry whenever the entry is marked for deletion as a 'Duplicate.' |
| Is Private | Yes = Private entry; No = Original Technopedia entry. |
| Private Flag | 0 = Not Modified (i.e. original Technopedia entry); 1 = Modified Technopedia object; 2 = Proprietary object (those that have negative IDs). |
| Private Type | PRIVATE_TYPE = NULL if PRIVATE_FLAG = 0, PRIVATE_TYPE = Modified Technopedia entry if PRIVATE_FLAG = 1, PRIVATE_TYPE = Proprietary entry if PRIVATE_FLAG = 2. |

Table 2: Industry Tag

| Attribute | Description |
|--------------------|---|
| Industry Tag ID | The unique identifier for an industry tag. |
| Industry Title | This is a “vertical integration” tag that identifies the industry within which a manufacturer belongs, based on the majority of their products. |
| Industry Tag Notes | This entails notes and any additional information regarding the Industry Tag. |
| Short Name | The short name for tags, such as IT, MD, BT, and FX. |

Table 2: Industry Tag

| Attribute | Description |
|--------------|---------------------------------------|
| Is Private | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 3: Industry Codes

| Attribute | Description |
|-------------------|---|
| Industry Codes ID | The unique identifier for an Industry Code. |
| Code Source | The Source from which industry tag categories are derived (i.e. NAICS, SIC, or UNSPSC). |
| Code Number | Numeric codes of the industry categories used by NAICS, SIC, and UNSPSC. |
| Industry Title | Includes notes and any additional information regarding Industry Titles. |

Table 4: Industry Tag with Codes

| Attribute | Description |
|----------------------------|---|
| Industry Tag with Codes ID | The unique identifier for Industry with code. |
| Code Source | The Source from which industry tag categories are derived (i.e. NAICS, SIC, or UNSPSC). |
| Industry Tag Title | This is a “vertical integration” tag that identifies the industry within which a manufacturer belongs, based on the majority of their products. |
| Code Number | Numeric codes of the industry categories used by NAICS, SIC, and UNSPSC. |
| Industry Title | Includes notes and any additional information regarding Industry Titles. |
| Industry Codes ID | The unique identifier for Industry code. |
| Industry Tag ID | See “ Industry Tag ID .” |

Manufacturer

Table 5: Manufacturer

| Attribute | Description |
|-----------------------|---|
| Manufacturer ID | The manufacturer table’s unique identifier. |
| Manufacturer Owner ID | The manufacturer owner’s unique identifier. |
| Manufacturer | The manufacturer name (as obtained from the official website). |
| Legal | The legal entity of a company (i.e., Corporation, Limited, etc.). |
| Symbol | A company’s stock/ticker symbol (if publicly traded). |

Table 5: Manufacturer (cont.)

| Attribute | Description |
|---------------------------------------|--|
| Tier | The categorization of manufacturers based on priority/importance. |
| Website | The manufacturer's official website. |
| Date Acquired | The date the manufacturer was acquired, if applicable. |
| Description | A brief description of the manufacturer. |
| Known As | Another name the manufacturer is known by (i.e., an abbreviation, expanded name, informal name, etc.). |
| Street | The street address of the manufacturer/vendor headquarters. |
| City | The city where the manufacturer is based (typically, the location of its headquarters). |
| State | The state or province in which the manufacturer/vendor headquarters is located. |
| Zip | The Zip/postal code of the manufacturer/vendor headquarters. |
| Country | The country where the manufacturer is based (typically, the location of its headquarters). |
| Phone | The manufacturer's telephone number. |
| Fax | The manufacturer's fax number. |
| Email | The manufacturer's email address. |
| Publicly Traded | This indicates whether a manufacturer/vendor is publicly traded (i.e. 'Y' or 'N'). |
| Revenue (in millions of USD) | Latest annual revenue (in millions of USD). |
| Revenue Date | The date in which the revenue number was collected. |
| Fiscal End Date | The date that marks the end of the manufacturer/vendor fiscal year. |
| Profits Per Year (in millions of USD) | The manufacturer's annual profits (in millions of USD). |
| Profits Date | The date in which the profit numbers were collected. |
| Employees | The number of employees a manufacturer has. |
| Employees Date | The date the number of employees was collected. |
| Industry Tag ID | See " Industry Tag ID ." |
| Is Private | See " Is Private ." |
| Private Flag | See " Private Flag ." |
| Private Type | See " Private Type ." |

Taxonomy

Table 6: Taxonomy2012

| Attribute | Description |
|--------------------|--|
| Taxonomy ID | The unique identifier for BDNA taxonomy. |
| Taxonomy Parent ID | The identifier of the parent category. |
| Taxonomy | The Category 2 taxonomy name. |
| Description | A brief description of the category. |
| Software/Hardware | The software or hardware taxonomy. |
| Category Group | The optional attribute you can use to further simplify or re-organize the current, 2-level BDNA taxonomy into an additional, higher level. It groups the Taxonomy parent ID into several discrete buckets. |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Software

Table 7: Software Product

| Attribute | Description |
|---------------------|---|
| Software Product ID | The unique identifier for software products. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Software | The name of the software product. |
| Family | The brand or family to which the software product belongs, if applicable. |
| Vendor Category | The vendor that provides the product. |
| Component | The component of the software product, if applicable. |
| Alias | Another name by which the software product was previously known. |
| Is Suite | This indicates whether the software product is a suite or not. |
| Taxonomy ID | See “ Taxonomy ID. ” |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 8: Software Product Link

| Attribute | Description |
|----------------------------|---|
| Software Product Link ID | The unique identifier for the type of software product link/association. |
| Software Product ID | See “ Software Product ID. ” |
| Former Software Product ID | The product ID of the immediately prior or previous iteration of the product. |

Table 8: Software Product Link (cont.)

| Attribute | Description |
|---------------------------|---|
| Later Software Product ID | The product ID of the immediately subsequent iteration of the product. |
| Oldest Software Product | The oldest iteration of the product. |
| Latest Software Product | The product ID of the most recent iteration of the product. |
| Cloud | The flag that identifies whether the product is “Cloud-Only,” “On-Premise-Only,” or “Cloud and On-Premise.” |
| Software Premise ID | The unique identifier of an equivalent on-premise product for this cloud product. |
| Software Cloud ID | The unique identifier of an equivalent cloud product for this on-premise product. |

Table 9: Software Edition

| Attribute | Description |
|---------------------|--|
| Software Edition ID | The unique identifier for software edition. |
| Create Date | See “ Create Date .” |
| Replacement ID | See “ Replacement ID .” |
| Software Product ID | See “ Software Product ID .” |
| Edition | The software product edition name. |
| Edition Order | A number that indicates the order of importance/priority of this particular edition among all editions of the product. |
| Taxonomy ID | See “ Taxonomy ID .” |
| De-supported Flag | A flag that indicates that the entry has been de-supported by the vendor. The de-support date is in the past (whether the exact date is known or unknown). |
| URL | This is the URL that provides reference to the edition. |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 10: Software Version Group

| Attribute | Description |
|---------------------------|--|
| Software Version Group ID | The unique identifier for the software version group. |
| Software Product ID | See “ Software Product ID. ” |
| Version Group | The name of the version group (or market version) of the software group. |
| De-supported Flag | See “ De-supported Flag. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 11: Software Version

| Attribute | Description |
|---------------------------|---|
| Software Version ID | The unique identifier for software version. |
| Software Product ID | See “ Software Product ID. ” |
| Software Version Group ID | See “ Software Version Group ID. ” |
| Version | The software version name/number. |
| De-Supported Flag | See “ De-supported Flag. ” |
| Is Major Version | This describes whether or not this row is a Major Version. |
| Software Major Version ID | If it is not the Major Version ID, this identifies the Version ID of a particular row’s Major Version. |
| Patch Level | The software patch, update, or service pack level, if applicable. |
| Subversion | This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form and beyond. |
| Version Order | A number that indicates the sequential order by which this particular version was released. |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 12: Software Release

| Attribute | Description |
|---------------------|--|
| Software Release ID | The unique identifier for software releases. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Version | The software version name/number. |

Table 12: Software Release (cont.)

| Attribute | Description |
|-----------------------------|--|
| Software Edition ID | See “ Software Edition ID. ” |
| Software Version Group ID | See “ Software Version Group ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| GA Date | The date in which the product is generally available through official vendor distributions or published by the vendor. |
| Licensable | A flag that indicates whether the software release is licensable or not. |
| Is Major | This indicates whether or not this is a major release. |
| Associated Major Release ID | This indicates the ID for a major release. |
| De-Supported Flag | See “ De-supported Flag. ” |
| Discontinued Flag | A flag that indicates whether the entry is known or unknown. |
| URL | See “ URL. ” |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 13: Software Release Link

| Attribute | Description |
|----------------------------|---|
| Software Release Link ID | The unique identifier for the specific type of software release link or association. |
| Software Release ID | See “ Software Release ID. ” |
| Former Software Release ID | This is the software release ID of the immediately previous iteration of the release. |
| Later Software Release ID | This is the software release ID of the immediately subsequent iteration of the release. |
| Oldest Software Release ID | This is the software release ID of the oldest iteration of the release. |
| Latest Software Release ID | This is the software release ID of the latest/newest iteration of the release. |

Table 14: Software Release Platform

| Attribute | Description |
|------------------------------|--|
| Software Release Platform ID | The unique identifier for a software release platform. |
| Software Release ID | See “ Software Release ID. ” |
| Release Platform | The software release’s platform name. |

Table 14: Software Release Platform

| Attribute | Description |
|-------------------|--|
| Platform Label | The name of the platform supported by the software release. |
| Platform Type | A flag that indicates whether the software release's supported platform is a server, a desktop, both a platform and a desktop, or a mainframe. |
| De-supported Flag | See " De-supported Flag ." |
| Discontinued Flag | See " Discontinued Flag ." |

Table 15: Software Release Group

| Attribute | Description |
|---------------------------|---|
| Software Release Group ID | The unique identifier for software release group table. |
| Create Date | See " Create Date ." |
| Replacement ID | See " Replacement ID ." |
| Software Edition ID | See " Software Edition ID ." |
| Software Product ID | See " Software Product ID ." |
| Software Version Group ID | The unique identifier for version group table. |
| Last Modified Date | See " Last Modified Date ." |
| To Be Deleted | See " To Be Deleted ." |
| To Be Deleted On | See " To Be Deleted On ." |
| Delete Reason | See " Delete Reason ." |
| Is Private? | See " Is Private ." |
| Private Flag | See " Private Flag ." |
| Private Type | See " Private Type ." |

Hardware

Table 16: Hardware Product

| Attribute | Description |
|--------------------------|---|
| Hardware Product ID | The unique identifier for the hardware product. |
| Product | The hardware product name. |
| Manufacturer ID | See " Manufacturer ID ." |
| Taxonomy ID | See " Taxonomy ID ." |
| Products Vendor Category | The vendor that provides the product. |
| De-supported Flag | See " De-supported Flag ." |

Table 17: Software Suite

| Attribute | Description |
|---------------------------|--|
| Software Suite ID | The unique release identifier for the suite. |
| Suite | The suite name. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version Group ID | See “ Software Version Group ID. ” |
| De-supported Flag | See “ De-supported Flag. ” |

Table 18: Software Suite Component

| Attribute | Description |
|-----------------------------|--|
| Software Suite Component ID | The unique release identifier for the suite component. |
| Software Suite ID | The release ID for the suite. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version Group ID | See “ Software Version Group ID. ” |
| De-supported Flag | See “ De-supported Flag. ” |

Table 19: Taxonomy Source

| Attribute | Description |
|-----------------------------|---|
| Taxonomy Category Source ID | The unique identifier for the taxonomy category source. |
| Source Category | The name of the referenced category as labeled on the source website. |
| Category Source ID | The unique identifier for the category source. |
| Taxonomy ID | See “ Taxonomy ID. ” |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

CPU

Table 20: CPU Model

| Attribute | Description |
|-------------------|--|
| CPU Model ID | The unique identifier for the CPU model. |
| CPU Model | This is the exact CPU model, including model number, speed/clock rate, and code name, if applicable. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Cores | The number of cores per CPU chip. |
| Clock Rate | The clock speed or frequency at which a CPU is running (in MHz). |
| ISA Bit Mode | Instruction Set Architecture (ISA) indicates whether the CPU architecture allows direct support for 32-bit or 64-bit data types and addresses. |
| Threaded | Indicates whether the CPU supports multi-threading. |
| Number of Threads | The number of threads supported. |

Table 21: Platforms

| Attribute | Description |
|--------------------|---|
| Platforms ID | The unique identifier for platforms. |
| Create Date | See “ Create Date. ” |
| Replacement ID | See “ Replacement ID. ” |
| Platform Name | The platform name (i.e., MacOS, Mainframe, Solaris, Linux, etc.). |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 22: Tag

| Attribute | Description |
|------------|--|
| Tag ID | The unique identifier for the tag table. |
| Tag Name | The vertical name of a tag. |
| Short Name | The short name for a tag. |

Table 22: Tag

| Attribute | Description |
|--------------|---------------------------------------|
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 23: Manufacturer Tag Map

| Attribute | Description |
|-------------------------|---|
| Manufacturer Tag Map ID | The unique identifier for the Manufacturer Tag Map. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Replacement ID | See “ Replacement ID. ” |
| Tag ID | The Industry tag’s unique identifier for table CAT_TAG. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 24: Taxonomy 2012 Tag Map

| Attribute | Description |
|--------------------------|--|
| Taxonomy 2012 Tag Map ID | The unique identifier for the Taxonomy 2012 Tag Map. |
| Taxonomy ID | See “ Taxonomy ID. ” |
| Replacement ID | See “ Replacement ID. ” |
| Tag ID | See “ Tag ID. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 25: Software Product Tag Map

| Attribute | Description |
|-----------------------------|---|
| Software Product Tag Map ID | The unique identifier for the Software Product Tag Map. |
| Software Product ID | See “ Software Product ID. ” |
| Tag ID | See “ Tag ID. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Replacement ID | See “ Replacement ID. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |

Table 26: Hardware Product Tag Map

| Attribute | Description |
|----------------------------------|--|
| Hardware Product Tag Map Type ID | The unique identifier for the hardware product tag map type. |
| Hardware Product ID | See “ Hardware Product ID. ” |
| Replacement ID | See “ Replacement ID. ” |
| Tag ID | See “ Tag ID. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 27: Technopedia Versions

| Attribute | Description |
|-------------------------|---|
| Technopedia Versions ID | The unique identifier for the Technopedia version. |
| Legal | The legal entity of the company (i.e., Corporation, Limited, etc.). |

Table 27: Technopedia Versions

| Attribute | Description |
|------------------|---|
| Release Date | The date of the Technopedia release. |
| Release Order | The Technopedia release order, where 1 equals Release 2.0, and so on. |
| Version | The Technopedia version number. |

Table 28: Taxonomy Category Source

| Attribute | Description |
|--------------------------|--|
| Category Source ID | The unique identifier for Category Source. |
| Taxonomy Category Source | The unique identifier for Taxonomy Category Source. |
| Taxonomy ID | See " Taxonomy ID ." |
| Category Source | The name of the referenced-category as it is depicted on the source's website. |
| Is Private? | See " Is Private ." |
| Private Flag | See " Private Flag ." |
| Private Type | See " Private Type ." |

Technopedia Content Packs

About Chapter 3

This chapter lists the names of the Technopedia Content Packs that are available from BDNA. BDNA periodically adds to the number of Content Packs and the data types and attributes listed in this chapter.

This chapter provides Tables, Attributes, Display Labels, and Descriptions for the BDNA Technopedia Content Packs, which includes Content Packs for Information Technology (IT) and Medical Devices (MD).

Technopedia Content Packs

Technopedia Content Packs extend Technopedia with use-case-specific IT content, such as Product Lifecycle, Hardware Specifications, and Application Compatibility. Like Technopedia, Content Packs are updated daily to reflect the latest advances in the marketplace. Additionally, the number of Content Packs and supported use cases grows every day.

New Content Packs

Technopedia will soon be introducing the following two content packs:

- Building and Facilities
- Banking and Financial

In the first phase, only core attributes will be visible. The content packs will be introduced later.

Content Packs Common to Technopedia IT and Technopedia MD

The following content packs are applicable to both Technopedia IT and Technopedia MD. For a list of content packs that are specific to either Technopedia IT or Technopedia MD only, see the Technopedia IT or Technopedia MD sections.



Lifecycle and Support

The Lifecycle and Support Content Pack is designed to help you eliminate risk and plan effectively for software end-of-life and vendor support changes.

Table 29: Support Policy

| Attribute | Description |
|-------------------|--|
| Support Policy ID | The unique identifier for the support policy. |
| Manufacturer ID | See “ Manufacturer ID .” |
| Support Policy | The name of the support policy as published by the vendor. |
| Is Private | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 30: Support Stage

| Attribute | Description |
|--------------------------|--|
| Support Stage ID | The unique identifier for the support stage. |
| Stage Order | The order of the support stage or level. |
| Support Policy ID | The unique identifier for the support policy. |
| Support Stage | The name of the support stage or level as published by the vendor. |
| Support Stage Definition | The definition of the support stage. |
| Is Private | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 31: Software Release Support Stage

| Attribute | Description |
|-----------------------------------|--|
| Software Release Support Stage ID | The unique identifier for software release support stage table. |
| Date (End Date) | The date that marks the end of the support stage/level, normalized to follow BDNA date format. |
| Support Stage ID | The unique identifier for the software support stage. |
| Published End Date | The date that marks the end of the support stage/level as published by the vendor. |
| Stage Order | The order of the support stage or level. |
| Support Stage Level | The name of the support stage or level as published by the vendor. |
| Software Release ID | The software release’s unique identifier. |
| Is Private | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 32: Hardware Model

| Attribute | Description |
|---------------------|---|
| Model ID | The unique identifier for a hardware model. |
| Manufacturer ID | See “ Manufacturer ID .” |
| Taxonomy ID | See “ Taxonomy ID .” |
| Hardware Product ID | See “ Hardware Product ID .” |
| Date Introduced | The date the hardware was introduced/announced, and captured the way it was published by the vendor. |
| Date Available | The date the hardware was available for sale, captured the way it was published by the vendor. |
| End of Life Date | The date in which a device is announced as “discontinued” or “legacy” by the manufacturer. |
| End of Sales Date | The last date to order the product through manufacturer point-of-sale mechanisms. |
| Last Ship Date | The last-possible ship date that can be requested of the manufacturer and/or its contract manufacturers. |
| Model | The device model name/number. |
| Supported OS | The list of supported operating systems that can be run on the device. |
| Max CPU sockets | The maximum number of CPU sockets available in the machine. |
| Last Support Date | The last date that support will be provided by the manufacturer (even after the device has been discontinued). After this date, all support services for the product are unavailable, and the product becomes obsolete. |
| CPU URL | The 'CPU URL' attribute with the description 'URL as a reference to the information on CPUMAX column. |
| De-supported Flag | See “ De-supported Flag .” |

Table 33: Software Release Lifecycle

| Attribute | Description |
|--------------------------------|--|
| Software Lifecycle ID | The unique identifier for software release. |
| End-of-Life (Date Format) | The last date when full support for a product is provided by the vendor, and standardized to follow BDNA's date format. Partial support may still be still available. |
| End-of-Life (Text String) | The last date that full support for the product is provided by the vendor, captured the way that it was originally published by the vendor. Partial support may still be available. |
| End-of-Life Exception | <p>The reason why the end-of-life date is not available or a caveat on the date value that is currently being provided. Values include:</p> <ul style="list-style-type: none"> ● Date not published by vendor ● Support policy not defined by vendor ● Exact date unknown (a date range is provided) ● Contract-based support only (no specific date) ● Open-source support only (no specific date) ● Limited, self-help support only (no specific date) ● Date in the past (exact date unknown) ● To be determined ● Other |
| End-of-Life Range (End Date) | The end date of the estimated end-of-life time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| End-of-Life Range (Start Date) | The start date of the estimated end-of-life time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |

Table 33: Software Release Lifecycle

| Attribute | Description |
|---|---|
| End-of-Life Support Level | The name of support level that marks the end-of-life as published by the vendor. |
| General Availability (Text String) | The date that the product is generally available through official vendor distributions as published by the vendor. |
| General Availability (Date Format) | The date that the product is generally available through official vendor distributions, standardized to BDNA date format. |
| General Availability Exception | <p>The reason the general availability date is not available or a caveat on the date value that is currently being provided. Values include:</p> <ul style="list-style-type: none"> ● Date not published by vendor ● Support policy not defined by vendor ● Exact date unknown (a date range is provided) ● Contract-based support only (no specific date) ● Open-source support only (no specific date) ● Limited, self-help support only (no specific date) ● Date in the past (exact date unknown) ● To be determined ● Other |
| General Availability Range (Start Date) | The start date of the estimated GA time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| General Availability Range (End Date) | The end date of the estimated GA time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| Is Private | See “ Is Private .” |

Table 33: Software Release Lifecycle

| Attribute | Description |
|-----------------------------|---|
| Obsolete (Date Format) | The last date in which any support is provided by the vendor, standardized to follow BDNA date format. The only support available after this date, if applicable, is self-help online support. |
| Obsolete (Text String) | The last date in which any support is provided by the vendor. The only support available after this date might be self-help online support. |
| Obsolete Exception | <p>A reason why the obsolete date is not available or a caveat on the date value that is currently being provided. Values include:</p> <ul style="list-style-type: none"> ● Date not published by vendor ● Support policy not defined by vendor ● Exact date unknown (a date range is provided) ● Contract-based support only (no specific date) ● Open-source support only (no specific date) ● Limited, self-help support only (no specific date) ● Date in the past (exact date unknown) ● To be determined ● Other |
| Obsolete Range (End Date) | The end date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.' |
| Obsolete Range (Start Date) | The start date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.' |
| Obsolete Support Level | The name of the support level once obsolete, as published by the vendor. |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 34: Hardware Lifecycle

| Attribute | Description |
|---|---|
| Hardware Lifecycle ID | The unique identifier for the hardware model. |
| General Availability (Text String) | The date that the product is generally available through official vendor distributions as published by the vendor. |
| General Availability (Date Format) | The date that the product is generally available through official vendor distributions, standardized to BDNA date format. |
| General Availability Exception | <p>The reason why the general availability date is not available or a caveat on the date value that is currently being provided. Values include:</p> <ul style="list-style-type: none"> ● Date not published by vendor ● Support policy not defined by vendor ● Exact date unknown (a date range is provided) ● Contract-based support only (no specific date) ● Open-source support only (no specific date) ● Limited, self-help support only (no specific date) ● Date in the past (exact date unknown) ● To be determined ● Other |
| General Availability Range (Start Date) | The start date of the estimated GA time range. This is required when the exception value is 'Exact date unknown, a date range is provided.' |
| General Availability Range (End Date) | The end date of the estimated GA time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| Introduction (Text String) | The date the hardware was introduced as published by the vendor. |

| Attribute | Description |
|---------------------------------|---|
| Introduction (Date Format) | The date the hardware was introduced, standardized to follow BDNA date format. |
| Introduction Exception | <p>The reason why the introduction date is not available or a caveat on the date value that is currently provided. Values include:</p> <ul style="list-style-type: none"> ● Date not published by vendor ● Support policy not defined by vendor ● Exact date unknown (a date range is provided) ● Contract-based support only (no specific date) ● Open-source support only (no specific date) ● Limited, self-help support only (no specific date) ● Date in the past (exact date unknown) ● To be determined ● Other |
| Introduction Range (Start Date) | The start date of the estimated introduction time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| Introduction Range (End Date) | The end date of the estimated introduction time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| Last Availability (Text String) | The last date in which the hardware is available for purchase from the vendor. |
| Last Availability (Date Format) | The last date in which the hardware is available for purchase from the vendor, standardized to follow BDNA date format. |

| Attribute | Description |
|--------------------------------------|--|
| Last Availability Exception | <p>The reason why the last availability date is not available or a caveat on the date value that is currently being provided. Values include:</p> <ul style="list-style-type: none"> ● Date not published by vendor ● Support policy not defined by vendor ● Exact date unknown (a date range is provided) ● Contract-based support only (no specific date) ● Open-source support only (no specific date) ● Limited, self-help support only (no specific date) ● Date in the past (exact date unknown) ● To be determined ● Other |
| Last Availability Range (Start Date) | The start date of the estimated Last Availability time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| Last Availability Range (End Date) | The end date of the estimated Last Availability time range. This is required when the Exception value is 'Exact date unknown, a date range is provided.' |
| Obsolete (Text String) | The last date in which any support is provided by the vendor. The only support available after this date might be self-help online support. |
| Obsolete (Date Format) | The last date in which any support is provided by the vendor, standardized to follow BDNA date format. The only support available after this date, if applicable, is self-help online support. |

| Attribute | Description |
|-----------------------------|---|
| Obsolete Exception | <p>A reason why the obsolete date is not available or a caveat on the date value that is currently being provided. Values include:</p> <ul style="list-style-type: none"> • Date not published by vendor • Support policy not defined by vendor • Exact date unknown (a date range is provided) • Contract-based support only (no specific date) • Open-source support only (no specific date) • Limited, self-help support only (no specific date) • Date in the past (exact date unknown) • To be determined • Other |
| Obsolete Range (Start date) | The start date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.' |
| Obsolete Range (End date) | The end date of the estimated obsolete time range. This is required when the exception value is 'Exact date unknown, a date range is provided.' |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |



Pricing

The Pricing Content Pack includes valuable pricing information about your existing hardware and software assets.

Table 35: Currency

| Attribute | Description |
|----------------|--|
| Currency ID | The ID for the currency. |
| Replacement ID | The unique identifier of the replacement entry whenever the entry is marked for deletion as a 'Duplicate.' |

Table 35: Currency

| | |
|--------------------|---|
| Currency Code | The currency code as defined in ISO 4217, which is a standard published by the International Organization for Standardization, which delineates currency designators, country codes (alpha and numeric), and references to minor units. |
| Description | The description (full name) of the currency as defined in ISO 4217, which is a standard published by the International Organization for Standardization, which delineates currency designators, country codes (alpha and numeric), and references to minor units. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 36: Software Pricing

| Attribute | Description |
|---------------------|---|
| Software Pricing ID | The unique identifier for the software pricing. |
| Average Price | The average price of all available prices for this particular software release. |
| Currency ID | See “ Currency ID. ” |
| Is Private | See “ Is Private. ” |
| Minimum Price | The minimum (lowest) price among all available prices for this particular software release. |
| Maximum Price | The maximum (highest) price among all available prices for this particular hardware model. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Pricings ID | The unique identifier for pricings. |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Release ID | See “ Software Release ID. ” |

Table 36: Software Pricing

| Attribute | Description |
|---------------------------|---|
| Software Version ID | See " Software Version ID. " |
| Software Version Group ID | The unique identifier for the software version group. |
| Taxonomy ID | See " Taxonomy ID. " |

Table 37: Hardware Pricing

| Attribute | Description |
|---------------------------|--|
| Hardware Pricing ID | The unique identifier for hardware pricing ID. |
| Average Price | The average price of all available prices for this particular hardware model. |
| Currency ID | See " Currency ID. " |
| Hardware Product ID | The unique identifier for the hardware product. |
| Hardware Model ID | See " Hardware Model ID. " |
| Hardware Model Profile ID | See " Hardware Model Profile ID. " |
| Manufacturer ID | See " Manufacturer ID. " |
| Maximum Price | The maximum (highest) price among all available prices for this particular hardware model. |
| Minimum Price | The minimum (lowest) price among all available prices for this particular hardware model. |
| Taxonomy ID | See " Taxonomy ID. " |
| Is Private | See " Is Private. " |
| Private Flag | See " Private Flag. " |
| Private Type | See " Private Type. " |



Procurement

The Procurement Pack helps you gain clarity on licensing terms and metrics for hardware and software purchases.

Table 38: Software Manufacturer Part Number Price

| Attribute | Description |
|---|---|
| Software Manufacturer Part Number List Price ID | The unique identifier for the software license manufacturer part number list price. |
| Actual Price | The actual price of an article that is available to the general public. |
| Currency ID | See “ Currency ID. ” |
| Default Currency | The default currency (CURRENCY ID) if this record is represented in a different currency within another entry (1=yes, 0=no). |
| List Price | The price of an article as shown in a list issued by the manufacturer(s). |
| Manufacturer Part Number | A combination of numbers, letters, and symbols assigned by a designer, manufacturer or vendor in order to identify a specific part or item of material. |
| Software License Release ID | The unique identifier for the software license release ID. |

Table 39: Hardware License Manufacturer Part Number List Price

| Attribute | Description |
|---|---|
| Hardware License Manufacturer Part Number List Price ID | The unique identifier for the hardware license manufacturer part number list price. |
| Actual Price | The actual price of an article that is available to the general public in terms of market price retail price, and street price. |
| Currency ID | See “ Currency ID. ” |
| Default Currency | The default currency (CURRENCY ID) if this record is represented in a different currency within another entry (1=yes, 0=no). |

Table 39: Hardware License Manufacturer Part Number List Price

| Attribute | Description |
|---------------------------|---|
| Hardware License Model ID | The unique identifier for hardware license model. |
| List Price | The price of an article as shown in a list issued by the manufacturer(s). |
| Manufacturer Part Number | A combination of numbers, letters, and symbols assigned by a designer, manufacturer or vendor in order to identify a specific part or item of material. |

Table 40: Hardware License Product

| Attribute | Description |
|-----------------------------|--|
| Hardware License Product ID | The unique identifier for the hardware license product table. |
| Hardware Model ID | See " Hardware Model ID. " |
| Hardware Model Profile ID | See " Hardware Model Profile ID. " |
| License Product | A combination of various Technopedia product attributes, i.e. Product Name + Model Name (if applicable) + Profile (if applicable). |
| Manufacturer | The manufacturer name. |
| Manufacturer ID | See " Manufacturer ID. " |
| Taxonomy ID | See " Taxonomy ID. " |
| Is Private | See " Is Private. " |

Table 41: Hardware License Model

| Attribute | Description |
|--|---|
| Hardware Model License ID | The unique identifier for the hardware license model. |
| Hardware License Computer Characteristics ID | The unique identifier for the hardware license characteristics. |
| Hardware License Type ID | The unique identifier for the hardware license type. |
| Hardware License UPS ID | The unique identifier for the UPS hardware license. |
| Hardware Model ID | See " Hardware Model ID. " |
| Hardware Model Profile ID | See " Hardware Model Profile ID. " |
| Hardware product description (long) | Hardware product description (long). |
| Hardware product ID | See " Hardware Product ID. " |
| Metrics | License metric(s) for the device, as specified in the hardware license. |

Table 41: Hardware License Model

| Attribute | Description |
|--------------------------|--|
| License Term | The term of the hardware license. |
| License Period Value | License period of the device as indicated in the hardware license. |
| License Period Unit | Unit of period value column. |
| License Type | The type of license as indicated in the hardware license. |
| Maintenance Period Value | The maintenance period that comes with the device as indicated in the hardware license. |
| Maintenance Period Unit | Unit of maintenance period value column. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Other License Terms | Other terms/conditions or additional information indicated in the hardware license. |
| Unit Count (Minimum) | The minimum count of devices included in the hardware license. |
| Unit Count (Maximum) | The maximum count of devices included in the hardware license. |
| Unit Pack | The unit of devices included in the hardware license. |
| Vendor Product Name | The complete name of the product as presented by the vendor in the hardware license as well as other official documentation and/or websites. |
| Vendor Unit of Measure | The unit of measure of the product as indicated in the hardware license. |
| Installation Guide URL | The installation guide URL. |
| CutSheet (.pdf) | The attribute of the CutSheet URL. |
| Picture URL | The attribute with the description of the ‘Picture URL.’ |

Table 42: Hardware License Additional Hardware

| Attribute | Description |
|---|---|
| Hardware License Additional Hardware ID | The unique identifier for hardware license additional hardware. |
| Hardware License Model ID | The unique identifier for the hardware license model. |
| Replacement ID | See “ Replacement ID. ” |
| Hardware Model ID | See “ Hardware Model ID. ” |
| Hardware Product ID | See “ Hardware Product ID. ” |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Create Date | See “ Create Date. ” |

Table 42: Hardware License Additional Hardware (cont.)

| Attribute | Description |
|--------------------|---|
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 43: Hardware License Additional Software

| Attribute | Description |
|---|---|
| Hardware License Additional Software ID | The unique identifier for hardware license additional software. |
| Hardware License Model ID | The unique identifier for the hardware license model. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Specific Version Flag | Indicates a specific version of the software product, as indicated in the license, is required. |

Table 44: Hardware License CPU Characteristics

| Attribute | Description |
|---------------------------|---|
| Hardware License CPU ID | The unique identifier for the hardware license CPU. |
| CPU Model ID | The unique identifier for the CPU model. |
| Replacement ID | See “ Replacement ID. ” |
| Hardware License Model ID | The unique identifier for hardware license model. |
| Manufacturer ID | See “ Manufacturer ID. ” |

Table 44: Hardware License CPU Characteristics (cont.)

| Attribute | Description |
|---------------------------|---|
| License Product | A concatenation of various Technopedia product attributes with the following rule: Family (if applicable) + Product Name + Edition (if applicable) + Component (if applicable) + Version Group (if the orderable name does NOT require specific version) or Version (if the orderable name requires specific version) + 'for' Platform (if applicable). |
| Requires Specific Version | The flag that indicates whether the license is only authorized on a specific version or not. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 45: Software License Product

| Attribute | Description |
|-----------------------------|---|
| Software License Product ID | The unique identifier for the software license product. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Platforms ID | The unique identifier for platforms. |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Software Version Group ID | The unique identifier for the software version group. |
| Taxonomy ID | See “ Taxonomy ID. ” |

Table 46: Software License Release

| Attribute | Description |
|-----------------------------------|--|
| Software Release License ID | The unique identifier for the software license release. |
| Core Factor | The specific value assigned by the manufacturer to a specific multi-core processor(s) that determines the license value. |
| Cross-language Authorized Flag | This flag indicates whether changing language(s) is allowed, as specified in the software license. |
| Cross-platforms Authorized Flag | This flag indicates whether changing platform(s) is allowed, as specified in the software license. |
| Cut Sheet URL | The URL cut sheet. |
| Distribution Media | This is the combined value of one or more values from the distribution media column, as specified in the software license. |
| Distribution Media ID | The unique identifier for distribution media. |
| Downgrade Edition Authorized Flag | This flag indicates whether the edition downgrade is authorized in the software license. |
| Downgrade Edition Increment | This is the incremental value of the edition downgrade if it is authorized in the downgrade version authorized column. |
| Downgrade Period (Maximum) | The maximum length of period (in months) in which the version downgrade is authorized. |
| Downgrade Period (Minimum) | The minimum length of period (in months) in which the version downgrade is authorized. |
| Downgrade Version Authorized Flag | The flag that indicates whether the version downgrade is authorized in the software license. |
| Downgrade Version Increment | The incremental value of the version downgrade if it is authorized in the downgrade version authorized column. |
| Dual License Authorized Flag | This flag indicates whether dual usage is authorized (i.e., desktop and laptop usage for one license), as specified in the software license. |
| Environments | The combined value of one or more values from the environment column, as specified in the software license. |
| Environments ID | The unique identifier of the environment. |
| Environments (Other) | Other deployment environment(s) not captured in the environments column. |

Table 46: Software License Release

| Attribute | Description |
|----------------------------------|---|
| Install Guide URL | The URL for the installation guide. |
| Languages | The combined value of one or more supported language(s) from the language column, as specified in the software license. |
| Languages ID | The unique identifier for a language. |
| License Metrics | The combined value of one or more values from multiple license metric columns, as specified in the software license. |
| License Period Unit | The unit of period value column. |
| License Period Value | The license period of the software as mentioned in the software license. |
| License Product Long Description | The long description of the product. |
| License Term | The term of the software license. |
| License Types | The combined value of one or more values from the license type column, as specified in the software license. |
| License Types ID | License types ID. |
| License Types Other | Other license type(s) not captured in license type column. |
| Maintenance Grades | The combined value of one or more values from the maintenance grade column, as specified in the software license. |
| Maintenance Grades ID | The unique identifier of the maintenance grade. |
| Maintenance Period Unit | The unit of maintenance period value column. |
| Maintenance Period Value | The value of the maintenance period, as specified in the software license. |
| Manufacturer ID | See " Manufacturer ID ." |
| Other License Information | The other terms/conditions or additional information mentioned in the software license. |
| Picture URL | The URL of the picture. |
| Platforms ID | The unique identifier for platforms. |
| Price Levels | The combined value of one or more values from the price level column, as specified in the software license. |
| Price Levels ID | The unique identifier for the price level. |
| Pricings | The combined value of one or more values from the pricing column, as specified in the software license. |
| Pricings ID | The unique identifier for pricings. |

Table 46: Software License Release

| Attribute | Description |
|-------------------------------------|--|
| Programs | The combined value of one or more values from the program column, as specified in the software license. |
| Programs ID | The unique identifier for programs. |
| Re-assignment Authorized Flag | This indicates whether re-assignment of the license is authorized. |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Product Description (Long) | A long description of the Software product. |
| Software Product ID | See “ Software Product ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Specific Version Flag | Indicates a specific version of the software product, as indicated in the license, is required. |
| Taxonomy ID | See “ Taxonomy ID. ” |
| Unit Count Minimum | The minimum count of licenses included in the software license. |
| Unit Count Maximum | The maximum count of licenses included in the software license. |
| Unit Pack | The unit of licenses included in the software license. |
| Vendor Product Name | The complete name of the product as presented by the vendor in the software license as well as other official documentations and/or website. |
| Vendor Unit of Measure | The unit of measure of the product as mentioned in the software license. |
| Upgrade Edition Authorized Flag | This indicates whether edition upgrade is authorized in the software license. |
| Upgrade Edition Increment | The incremental value of the edition upgrade if it is authorized in the upgrade version authorized column. |
| Upgrade Period Minimum | The minimum length of period (in months) that version upgrade is authorized. |
| Upgrade Period Maximum | The maximum length of period (in months) that version upgrade is authorized. |
| Upgrade Version Authorized Flag | This indicates whether version upgrade is authorized in the software license. |

Table 46: Software License Release

| Attribute | Description |
|---------------------------------|--|
| Upgrade Version Increment | The incremental value of the version upgrade if it is authorized in the upgrade version authorized column. |
| Virtual Install Authorized Flag | This indicates whether virtualized deployment is authorized, as specified in the software license. |
| Virtual Install Maximum | The maximum amount of virtualized deployment authorized, as specified in the software license. |

Table 47: Software License Additional Software

| Attribute | Description |
|--|---|
| Additional Software ID | The unique identifier for the additional software license software. |
| Software Edition ID | See “ Software Edition ID. ” |
| Additional Software License Release ID | The unique identifier for the software license release. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Specific Version Flag | This indicates that a specific version of the software product, as indicated in the license, is required. |
| Software Version Group ID | The ‘CAT_SW_VERSION_GROUP’ table’s unique identifier. |

Table 48: Software License Distribution Media

| Attribute | Description |
|--|---|
| Software License Distribution Media ID | The unique identifier for the software license distribution media. |
| Replacement ID | See “ Replacement ID. ” |
| Distribution Media | The distribution method of the software (i.e., CD/DVD, downloads, etc.) as mentioned in the software license. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |

Table 48: Software License Distribution Media (cont.)

| Attribute | Description |
|---------------|--|
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 49: Software License Distribution Medias

| Attribute | Description |
|---|---|
| Software License Distribution Medias ID | The unique identifier for software license distribution medias . |
| Replacement ID | See “ Replacement ID .” |
| Distribution Media Order | The order of values in distribution media’s column based on priority. |
| Distribution Media Quantity | The quantity of distribution media included in the software license. |
| Software License Distribution Media ID | The unique identifier for the software license distribution media. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 50: Software License Environment

| Attribute | Description |
|---------------------------------|--|
| Software License Environment ID | The unique identifier for the software license environment. |
| Replacement ID | See “ Replacement ID .” |
| Environment | The environment in which the software license applies (i.e., development, production, etc.). |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 51: Software License Environments

| Attribute | Description |
|----------------------------------|--|
| Software License Environments ID | The unique identifier for the software license environments . |
| Replacement ID | See “ Replacement ID .” |
| Environment Order | The order of values in the environments column based on priority. |
| Software License Environment ID | The unique identifier for the software license environment. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 52: Software License Language

| Attribute | Description |
|------------------------------|--|
| Software License Language ID | The unique identifier for the software license language. |
| Replacement ID | See “ Replacement ID .” |
| Language | The supported language(s), as specified in the software license. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 53: Software License Languages

| Attribute | Description |
|-------------------------------|--|
| Software License Languages ID | The unique identifier for the software license languages. |
| Language Order | The order of values in the languages column based on priority. |
| Software License Language ID | The unique identifier for the software license language. |
| Replacement ID | See “ Replacement ID .” |
| Create Date | See “ Create Date .” |

Table 53: Software License Languages (cont.)

| Attribute | Description |
|--------------------|---|
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 54: Software License Maintenance Grade

| Attribute | Description |
|---------------------------------------|--|
| Software License Maintenance Grade ID | The unique identifier for the software license maintenance grade. |
| Replacement ID | See “ Replacement ID. ” |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Maintenance Grade | The manufacturer-specific maintenance grade, as specified in the software license. |
| Maintenance Grade Definition | The manufacturer definition of the value in the maintenance grade column. |
| URL | See “ URL. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 55: Software License Maintenance Grades

| Attribute | Description |
|--|---|
| Software License Maintenance Grades ID | The unique identifier for the software license maintenance grades . |
| Replacement ID | See “ Replacement ID. ” |
| Maintenance Grade Order | This is the order of values in the maintenance grades column based on priority. |
| Software License Maintenance Grade ID | The unique identifier for the software license maintenance grade. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |

Table 55: Software License Maintenance Grades (cont.)

| Attribute | Description |
|---------------|--|
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 56: Software License Metric

| Attribute | Description |
|----------------------------|---|
| Software License Metric ID | The unique identifier for the software license metric. |
| Replacement ID | See “ Replacement ID. ” |
| License Metric 1 | The first part of the license metric as defined in the software license. |
| License Metric 2 | The second part of the license metric, if applicable, as defined in the software license. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 57: Software License Metrics

| Attribute | Description |
|------------------------------|--|
| Software License Metric ID | The unique identifier for the software license metric. |
| Software License Metrics ID | The unique identifier for the software license metrics. |
| Replacement ID | See “ Replacement ID. ” |
| License Metric Minimum Value | The minimum value of the license metric as defined in the software license. |
| License Metric Maximum Value | The maximum value of the license metric as defined in the software license. |
| License Metric Order | The order of the license metrics by priority as defined in the software license. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |

Table 57: Software License Metrics (cont.)

| Attribute | Description |
|--------------|---------------------------------------|
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 58: Software License Price Level

| Attribute | Description |
|---------------------------------|---|
| Software License Price Level ID | The unique identifier for the software license price level. |
| Replacement ID | See “ Replacement ID. ” |
| License Price Level | The software manufacturer-specific pricing level, as specified in the software license. |
| Definition | The manufacturer definition of the value within price level column. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| URL | See “ URL. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ To Be Deleted On. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 59: Software License Price Levels

| Attribute | Description |
|----------------------------------|---|
| Software License Price Levels ID | The unique identifier for software license price levels . |
| Replacement ID | See “ Replacement ID. ” |
| Order | The order of values in the price levels column based on priority. |
| Software License Price Level ID | The unique identifier for the software license price level. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 60: Software License Pricing

| Attribute | Description |
|-----------------------------|---|
| Software License Pricing ID | The unique identifier for the software licensing pricing. |
| Replacement ID | See “ Replacement ID .” |
| Definition | The manufacturer definition of the value within price level column. |
| Manufacturer ID | See “ Manufacturer ID .” |
| Pricing | The software pricing as specified in the software license. |
| URL | The URL that provides reference to the DEFINITION column. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 61: Software License Pricings

| Attribute | Description |
|------------------------------|---|
| Software License Pricings ID | The unique identifier for software license pricings. |
| Replacement ID | See “ Replacement ID .” |
| Order | The order of values in the price levels column based on priority. |
| Software License Pricing ID | The unique identifier for the software licensing pricing. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 62: Software License Program

| Attribute | Description |
|-----------------------------|--|
| Software License Program ID | The unique identifier for the software license program. |
| Replacement ID | See “ Replacement ID .” |
| Definition | The manufacturer definition of the value within price level column. |
| Manufacturer ID | See “ Manufacturer ID .” |
| Program | The manufacturer-specific licensing program, as specified in the software license. |
| URL | See “ URL .” |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 63: Software License Programs

| Attribute | Description |
|------------------------------|---|
| Software License Programs ID | The unique identifier for software license programs . |
| Delete Reason | See “ Delete Reason .” |
| Replacement ID | See “ Replacement ID .” |
| Order | The order of values in the price levels column based on priority. |
| Software License Program ID | The unique identifier for the software license program. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 64: Software License Type

| Attribute | Description |
|--------------------------|---|
| Software License Type ID | The unique identifier for the software license type. |
| Replacement ID | See “ Replacement ID .” |
| License Type | The type of license as indicated in the software license. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 65: Software License Types

| Attribute | Description |
|---------------------------|--|
| Software License Type ID | The unique identifier for the software license type. |
| Software License Types ID | The unique identifier for the software license types. |
| Replacement ID | See “ Replacement ID .” |
| Order | The order of values in the license types column based on priority. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 66: Software License Upgrade Form

| Attribute | Description |
|----------------------------------|--|
| Software License Upgrade Form ID | The unique identifier for software license upgrades. |
| Manufacturer ID | See “ Manufacturer ID .” |
| Software Edition ID | See “ Software Edition ID .” |
| Software License Release ID | The unique identifier for the software license release ID. |
| Software Product ID | See “ Software Product ID .” |

Table 66: Software License Upgrade Form

| Attribute | Description |
|-----------------------|---|
| Software Release ID | See “ Software Release ID. ” |
| Specific Version Flag | This indicates that a specific version of the software product, as indicated in the license, is required. |
| Software Version ID | See “ Software Version ID. ” |

Table 67: Manufacturer Part Number

| Attribute | Description |
|-----------------------------|---|
| Manufacturer Part Number ID | The unique identifier for the manufacturer part number. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Product | The product component of the CPE URI. |
| Software Product ID | See “ Software Product ID. ” |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Version Group ID | The unique identifier for the software version group. |
| Software Version ID | See “ Software Version ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Hardware Product ID | See “ Hardware Product ID. ” |
| Hardware Model ID | See “ Hardware Model ID. ” |
| Hardware Model Profile ID | See “ Hardware Model Profile ID. ” |
| Taxonomy ID | See “ Taxonomy ID. ” |
| List Price | The price of an article as shown in a list issued by the manufacturer(s). |
| Actual Price | The actual price of an article that is available to the general public. |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Replacement ID | See “ Replacement ID. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 68: Hardware License Computer Characteristics

| Attribute | Description |
|--|--|
| Hardware License Computer Characteristics ID | The unique identifier for the hardware license characteristics. |
| Data Link Protocol | The data link protocol(s) supported by the device as indicated in the hardware license. |
| Graphics Card | The graphics card(s) installed in the device as indicated in the hardware license. |
| Hard Drive Interface | The hard drive interface supported by the device as indicated in the hardware license. |
| Installed RAM | The value of RAM installed in the device as indicated in the hardware license. |
| Installed RAM Unit | The unit of RAM value as indicated in INSTALLED RAM column. |
| Interface Ports | The interface ports available on the device as indicated in the hardware license. |
| Maximum RAM | The maximum RAM supported by the device as indicated in the hardware license. |
| Maximum RAM unit | The unit of maximum RAM value in the memory maximum column. |
| Monitor Resolution Length | The length of the monitor (in inches) included in the device, if applicable, as indicated in the hardware license. |
| Monitor Resolution Width | The width of the monitor (in inches) included in the device if applicable as indicated in the hardware license. |
| Network Type | Network type(s) available on the device as indicated in the hardware license. |
| Optical Drive | The optical drive(s) installed in the device as indicated in the hardware license. |
| Processor Installed Quantity | The quantity of processors installed in the device as indicated in the hardware license. |
| Processor Maximum Supported | The maximum quantity of processors supported by the device as indicated in the hardware license. |
| Processor Speed | The clock speed (in GHz) of processor(s) installed in the device as indicated in the hardware license. |
| Processor Type | The type of processor(s) installed in the device as indicated in the hardware license. |
| RAM Specification | The specification of RAM that comes with the device as indicated in the hardware license. |
| RAM Speed | The speed of RAM (in MHz) that comes with the device as indicated in the hardware license. |

Table 68: Hardware License Computer Characteristics

| Attribute | Description |
|------------------|--|
| RAM Technology | The technology of RAM that comes with the device as indicated in the hardware license. |
| Storage Capacity | The storage capacity that comes with the device as indicated in the hardware license. |
| Storage Unit | The unit of storage capacity value within the storage capacity column. |

Table 69: Hardware License Type

| Attribute | Description |
|--------------------------|---|
| Hardware License Type ID | The unique identifier for the hardware license type. |
| Replacement ID | See “ Replacement ID .” |
| License Type | The type of license as indicated in the hardware license. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |



Hardware Specifications

The Hardware Specifications Content Pack helps improve migration decisions by providing power, space, and other relevant hardware data.

Table 70: Hardware License UPS Characteristics

| Attribute | Description |
|-------------------------|---|
| Hardware License UPS ID | The unique identifier for the UPS hardware license. |
| Input Frequency | The frequency of electrical input of the device as indicated in the hardware license. |
| Input Voltage | The electrical input voltage of the UPS device as indicated in the hardware license. |
| Input Voltage Range | The range of electrical input voltage of the UPS device as indicated in the hardware license. |
| Input Voltage Unit | The unit of the value in the input voltage column. |
| Outlets | The number of outlets available in the UPS device as mentioned in the hardware license. |
| Output Voltage | The electrical output voltage of the UPS device as mentioned in the hardware license. |
| Output Voltage Unit | The unit of the value in the output voltage column. |
| Power Provided | The amount of power (in Volt-Amps) provided by the UPS device as mentioned in the hardware license. |

Table 71: Hardware Model Profile

| Attribute | Description |
|---------------------------|---|
| Hardware Model Profile ID | The unique identifier for the hardware model profile. |
| Bore Size | Bore Size in inches. |
| Diameter | Diameter in inches. |
| Hardware Model ID | The unique identifier for the hardware model. |
| Hardware Product ID | See " Hardware Product ID. " |
| Is Private | See " Is Private. " |
| Manufacturer ID | See " Manufacturer ID. " |
| Max Depth | The maximum depth of the device (in inches). |
| Max Height | The maximum height of the device (in inches). |
| Max Weight | The maximum weight of the device (in lbs). |
| Max Width | The maximum width of the device (in inches). |
| Min Depth | The minimum depth of the device (in inches). |

Table 71: Hardware Model Profile

| Attribute | Description |
|---------------|---|
| Min Height | The minimum height of the device (in inches). |
| Min Room Size | The minimum Room Size (sq. ft.). |
| Min Weight | The minimum weight of the device (in lbs). |
| Min Width | The minimum width of the device (in inches). |
| Model Profile | The profile (or form factor) of the device. |
| Mounting | The mounting of the device. |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |
| Taxonomy ID | See “ Taxonomy ID .” |
| Volume | The volume (CC). |

Table 72: Hardware Model Power

| Attribute | Description |
|---------------------------|---|
| Hardware Model Power ID | The unique identifier for the CAT_HW - MODEL_POWER table. |
| AC Avg Unit | The unit for AC_POWER_AVG column (watt or volt-amp). |
| AC Frequency Max | The manufacturer's suggested AC input requirements, i.e. the maximum frequency (whether the voltage switch is turned on low/high or when the device has no voltage switch). |
| AC Frequency Min | The manufacturer's suggested AC input requirements, i.e. the minimum frequency (whether the voltage switch is turned on low/high or when the device has no voltage switch). |
| AC Heat Dissipation (Avg) | The average amount of heat per-unit of time generated by the device during typical use when it is hooked up to AC power (in BTU/hr). |
| AC Phase | The phase of the AC. |
| AC Power Avg | The average amount of power (energy per-unit of time) consumed by the device during typical use when it is hooked up to AC power (in watt or volt-amp). |
| AC Power Max | The peak or maximum amount of power (energy per-unit of time) consumed by the device when it is hooked up to AC power (in watt or volt-amp). |

Table 72: Hardware Model Power

| Attribute | Description |
|---|--|
| AC Heat Dissipation (Max) | The peak or maximum amount of heat per-units of time generated by the device during typical usage when it is hooked up to AC power (in BTU/hr). |
| AC Max Unit | The unit for the AC_POWER_MAX column (watt or volt-amp). |
| AC Input Single/Low Setting Voltage Min (Volt AC) | Manufacturer's suggested AC electrical input requirements: The minimum voltage when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range). |
| AC Input Single/Low Setting Voltage Max (Volt AC) | Manufacturer's suggested AC electrical input requirements: The maximum voltage when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range). |
| AC Input Single/Low Setting Current Min (Amp) | Manufacturer's suggested AC electrical input requirements: The minimum current when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range). |
| AC Input Single/Low Setting Current Max (Amp) | Manufacturer's suggested AC electrical input requirements: The maximum current when the voltage switch is turned on to the low range setting, or when the device has no voltage switch (single voltage range). |
| AC Input High Setting Voltage Min (Volt AC) | Manufacturer's suggested AC electrical input requirements: The minimum voltage when the voltage switch is turned to on the high range setting'. |
| AC Input High Setting Voltage Max (Volt AC) | Manufacturer's suggested AC electrical input requirements: The maximum voltage when the voltage switch is turned on to the high range setting. |
| AC Input High Setting Current Min (Amp) | Manufacturer's suggested AC electrical input requirements: The minimum current when the voltage switch is turned on to the high range setting'. |
| AC Input High Setting Current Max (Amp) | Manufacturer's suggested AC electrical input requirements: The maximum current when the voltage switch is turned on the high range setting. |

Table 72: Hardware Model Power

| Attribute | Description |
|---------------------------|--|
| Battery Life | Hours of possible battery life. |
| Battery Type | Battery Type. |
| DC Heat Dissipation (Avg) | The average amount of heat per-unit of time generated by the device during typical use when it is hooked up to DC power (in BTU/hr). |
| DC Heat Dissipation (Max) | The peak or maximum amount of heat per-unit of time generated by the device when it is hooked up to DC power (in BTU/hr). |
| DC High Current | The manufacturer's suggested DC input requirements, i.e. the current when the voltage switch is turned on the high setting. |
| DC High Voltage | The manufacturer's suggested DC input requirement, i.e. the voltage when the voltage switch is turned on the high setting. |
| DC Low Current | The manufacturer's suggested DC input requirements, i.e. the current when the voltage switch is turned on the low setting or when the device has no voltage switch (single voltage). |
| DC Low Voltage | The manufacturer's suggested DC input requirements, i.e. the voltage when the voltage switch is turned on the low setting or when the device has no voltage switch (single voltage). |
| DC Power (Avg) | The average amount of power (energy per-unit of time) consumed by the device during typical use when it is hooked up to DC power (in watt or volt-amp). |
| DC Power (Max) | The peak or maximum amount of power (energy per-unit of time) consumed by the device when it is hooked up to DC power (in watt or volt-amp). |
| Dedicated Circuit | Listing of the dedicated circuit. |
| Emergency Power | Listing of the emergency power. |
| Energy Star | This is a flag to indicate whether the device has earned the Energy Star certification or not. |
| EPEAT | This is a flag to indicate which EPEAT certification the device has earned: Gold, Silver, or Bronze. |
| Hardware Model ID | See " Hardware Model ID ." |

Table 72: Hardware Model Power

| Attribute | Description |
|-------------------------------|--|
| Is Private | See “ Is Private. ” |
| Max Non-Operating Humidity | The manufacturer's suggested peak or maximum humidity (percentage) of the device when it is non-operational or in storage. |
| Max Non-Operating Temperature | The manufacturer's suggested peak or maximum temperature of the device when it is non-operational or in storage (in Fahrenheit). |
| Max Operating Humidity | The manufacturer's suggested peak or maximum humidity (percentage) of the device during operation. |
| Max Operating Temperature | The manufacturer's suggested peak or maximum temperature of the device during operation (in Fahrenheit). |
| Min Non-Operating Humidity | The manufacturer's suggested minimum humidity (percentage) of the device when it is non-operational or in storage. |
| Min Non-Operating Temperature | The manufacturer's suggested minimum temperature of the device when it is non-operational or in storage (in Fahrenheit). |
| Min Operating Humidity | The manufacturer's suggested minimum humidity (percentage) of the device during operation. |
| Min Operating Temperature | The manufacturer's suggested minimum temperature of the device during operation (in Fahrenheit). |
| Plug Type | Plug Type (NEMA). |
| Power Rating | The summary of the device's various power ratings: Voltage, Frequency, and Current. |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 73: Connectivity Type Standard

| Attribute | Description |
|---------------------------------------|---|
| Connectivity ID | The unique identifier of the Connectivity table. |
| Connectivity Type Standard ID | The unique identifier of the Connectivity Type Standard table. |
| Connectivity Type Standard Version ID | The 'Standard' attribute with the description 'E.g.: IEEE 802.3 etc.' |
| Replacement ID | See “ Replacement ID. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |

Table 73: Connectivity Type Standard (cont.)

| Attribute | Description |
|------------------|---|
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 74: Hardware Connectivity Standard Version

| Attribute | Description |
|---|--|
| Connectivity Type Standard Version ID | The unique identifier of the Connectivity Type Standard table. |
| Hardware Model Connectivity Standard Version ID | The ‘Standard’ Version's unique identifier. |
| Hardware Model ID | See “ Hardware Model ID. ” |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 75: Hardware Model Extended (for MD Data Only)

| Attribute | Description |
|----------------------------|--|
| Hardware Model Extended ID | The unique identifier of the CAT_HW_MODEL_EXTENDED table. |
| Biomed | Details whether it’s Biomed: 'Yes' or 'No.' |
| Certification | The level of certification regarding compatibility (i.e. ‘Citrix ready,’ ‘Community verified.’). |
| Compressed Air | Details whether it’s Compressed Air: 'Yes' or 'No.' |
| Data Line Required | Details whether it’s Data Line Required: 'Yes' or 'No.' |
| Drain | Details whether it’s Drain: 'Yes' or 'No.' |
| Exhaust | Details whether it’s Exhaust: 'Yes' or 'No.' |

Table 75: Hardware Model Extended (for MD Data Only)

| Attribute | Description |
|-------------------|---|
| Hardware Model ID | See “ Hardware Model ID. ” |
| Phone Line | Details whether it’s Phone Line: 'Yes' or 'No.' |
| Steam | Details whether it’s Steam: 'Yes' or 'No.' |
| Vacuum | Details whether it’s Vacuum: 'Yes' or 'No.' |
| Water | Details whether it’s Water: 'Yes' or 'No.' |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 76: Connectivity

| Attribute | Description |
|--------------------|---|
| Connectivity ID | The unique identifier of the Connectivity table. |
| Replacement ID | See “ Replacement ID. ” |
| Connectivity | Connectivity information (i.e. Ethernet, Industry Tag, 3rd Party Tag, Export/Import Tag, etc.). |
| Connectivity Type | The unique identifier of the Connectivity Type Standard table. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Content Packs Specific to Technopedia IT

The following content packs apply only to Technopedia IT. To see a list of content packs that apply to both Technopedia IT and Technopedia MD, see page 23. To see a list of content packs applicable only to Technopedia MD, see page 79.



IBM PVU Licensing

The IBM PVU Licensing Content Pack helps you get visibility into your IBM license position in order to avoid costly compliance issues.

Table 77: CPU Licensing

| Attribute | Description |
|---------------------|---|
| CPU Licensing ID | The unique identifier for CPU licensing. |
| CPU Model ID | The unique identifier for the CPU model. |
| IBM PVU Per Core | The IBM Processor Value Unit (PVU), a measure used to differentiate licensing of software on distributed processor technologies as defined by the Processor Vendor Brand Type and Model Number. |
| Maximum CPU Sockets | The maximum number of CPU sockets available in the machine. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |



Virtualization Compatibility

The Virtualization Content Pack helps you eliminate surprises and ensure the success of your VMWare and Citrix migration, virtualization, and consolidation projects.

Table 78: Application Compatibility

| Attribute | Description |
|--|--|
| Compatibility ID | The unique identifier for compatibility. |
| 32-bit Compatibility Status Flag | This flag indicates whether the object is 32-bit compatible. |
| 64-bit Compatibility Status Flag | This flag indicates whether the object is 64-bit compatible. |
| Application Compatibility ID | The unique identifier for the CAT_APPS_-COMPATIBILITY table. |
| Certification | The level of certification for the compatibility. Values: <ul style="list-style-type: none"> ● Citrix ready ● Community verified ● Community based ● VMware ready |
| Community | The percentage of community members that vote for 'Compatible' status. |
| Compatible Application Manufacturer ID | The unique manufacturer identifier for compatible VMware or Citrix. |

Table 78: Application Compatibility (cont.)

| Attribute | Description |
|-----------------------------------|---|
| Compatible Application Product ID | The unique product identifier for compatible VMware or Citrix. |
| Compatible Application Edition ID | The unique edition identifier for compatible VMware or Citrix. |
| Compatible Application Version ID | The unique version identifier for compatible VMware or Citrix. |
| Compatible Application Release ID | The unique release identifier for compatible VMware or Citrix. |
| Compatibility Status Flag | This flag indicates whether object is compatible (1 = compatible). |
| Difficulty | The difficulty of work required to make an application compatible. |
| Manufacturer ID | See “ Manufacturer ID .” |
| Official Flag | Indicates whether the compatibility is official (e.g., from VMware official website). |
| Software Product ID | See “ Software Product ID .” |
| Software Edition ID | See “ Software Edition ID .” |
| Software Release ID | See “ Software Release ID .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |
| Software Version ID | See “ Software Version ID .” |
| De-supported Flag | See “ De-supported Flag .” |
| Reference | The URL as a reference to the information on the application compatibility. |

Table 79: Compatibility Table

| Attribute | Description |
|---------------------------|---|
| Compatibility ID | The unique identifier for compatibility. |
| Compatibility Description | The description of the type of compatibility present. |
| Compatibility Type | Compatibility types (i.e., Windows 7, Windows 8, Windows 10, etc.). |
| Software Edition ID | See “ Software Edition ID .” |
| Software Product ID | See “ Software Product ID .” |
| Software Release ID | See “ Software Release ID .” |
| Software Version ID | See “ Software Version ID .” |



Windows 7 Compatibility

The Windows 7 Compatibility Content Pack helps accelerate your Windows migration efforts with comprehensive information about compatibility and required upgrades.

Table 80: Windows 7 Compatibility

| Attribute | Description |
|---------------------------------------|--|
| Compatibility ID | The unique identifier for compatibility. |
| Compatibility Type | Compatibility types (i.e., Windows 7, Windows 8, Windows 10, etc.). |
| Component | The component of the software product, if applicable. |
| Edition | The edition name of the software product. |
| Family | The brand/family the software product belongs to, if applicable. |
| Generated date | The date of generation. |
| Manufacturer | The manufacturer name (as obtained from the official website). |
| Manufacturer ID | See “ Manufacturer ID .” |
| Patch Level | The name of patch level for the software release. |
| Software | The name of the software product. |
| Software Edition ID | See “ Software Edition ID .” |
| Software Product ID | See “ Software Product ID .” |
| Software Release ID | See “ Software Release ID .” |
| Software Version Group ID | The unique identifier for the software version group. |
| Software Version ID | See “ Software Version ID .” |
| Subversion | This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form, and beyond. |
| Version Group | The name of the version group (or market version) of the software product. |
| Version | The name/number of the software patch. |
| Windows 7 Compatibility ID | The unique identifier for Windows 7 compatibility. |
| Windows 7 32-Bit Compatibility Date | The date the software release attained Windows 7 32-bit compatibility. |
| Windows 7 32-Bit Compatibility Status | A flag to indicate the compatibility status of the software release with regards to Windows 7 32-bit. Values: 0-7. |

Table 80: Windows 7 Compatibility (cont.)

| Attribute | Description |
|---|--|
| Windows 7 32-Bit Compatibility Status Description | <p>The labels for the WIN7_32BIT_COMPAT_STATUS column.</p> <p>Values:</p> <ul style="list-style-type: none"> ● 0=Compatible - Windows 7 Logo ● 1=Compatible ● 2=Free Update Required ● 3=Paid Update Required ● 4=Future Compatibility ● 5=Not Compatible ● 6=Information Coming Soon ● 7=Other |
| Windows 7 32-Bit Compatibility Upgrade Path | The upgrade path for the software release to attain Windows 7 32-bit compatibility. |
| Windows 7 32-Bit Readiness | The 32-bit readiness for Windows 7. |
| Windows 7 64-Bit Compatibility Date | The date the software release attained Windows 7 64-bit compatibility. |
| Windows 7 64-Bit Compatibility Status Flag | This indicates the compatibility status of the software release with regard to Windows 7 64-bit. |
| Windows 7 64-Bit Compatibility Status Description | <p>The labels for the Windows 7 64-bit compatibility status column.</p> <p>Values:</p> <ul style="list-style-type: none"> ● 0=Compatible - Windows 7 Logo ● 1=Compatible ● 2=Free Update Required ● 3=Paid Update Required ● 4=Future Compatibility ● 5=Not Compatible ● 6=Information Coming Soon ● 7=Other |
| Windows 7 64-Bit Compatibility Upgrade Path | The upgrade path for the software release to attain Windows 7 64-bit compatibility. |
| Windows 7 64-bit Readiness | The 64-bit readiness for Windows 7. |



Windows 8 Compatibility

The Windows 8 Compatibility Content Pack helps accelerate your Windows migration efforts with comprehensive information about compatibility and required upgrades.

Table 81: Windows 8 Compatibility

| Attribute | Description |
|--|--|
| Windows 8 Compatibility ID | The unique identifier for Windows 8 compatibility. |
| Community Compatible | The count of community members who have rated this release as Windows 8 compatible. |
| Community Not Compatible | The count of community members who have rated this release as NOT Windows 8 compatible. |
| Compatibility Type | The compatibility type refers to the Compatibility table (i.e., WINDOWS8). |
| Component | The component of the software product, if applicable. |
| Family | The brand/family the software product belongs to, if applicable. |
| Generated Date | The date of generation. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Patch Level | The software patch, update, or service pack level, if applicable. |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version Group ID | The unique identifier for the software suite version group. |
| Software Version ID | See “ Software Version ID. ” |
| Subversion | This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form, and beyond. |
| Windows 8 32-Bit Compatibility Status Flag | This indicates the compatibility status of the software release with regard to Windows 8 32-bit. |

Table 81: Windows 8 Compatibility (cont.)

| Attribute | Description |
|---|---|
| Windows 8 32-Bit Compatibility Status Description | <p>The labels for the Windows 8 32-bit compatibility status column.</p> <p>Values:</p> <ul style="list-style-type: none"> ● 0=Compatible - Windows 8 Logo ● 1=Compatible ● 2=Free Update Required ● 3=Paid Update Required ● 4=Future Compatibility ● 5=Not Compatible ● 6=Information Coming Soon ● 7=Other |
| Windows 8 32-Bit Compatibility Upgrade Path | The upgrade path for the software release to attain Windows 8 32-bit compatibility. |
| Windows 8 32-Bit Compatibility Date | The date when the software release attained Windows 8 32-bit compatibility. |
| Windows 8 32-Bit Readiness | The 32-bit readiness for Windows 8. |
| Windows 8 64-Bit Compatibility Status Flag | This indicates the compatibility status of the software release with regard to Windows 8 64-bit. |
| Windows 8 64-Bit Compatibility Status Description | <p>The labels for the Windows 8 64-bit compatibility status column.</p> <p>Values:</p> <ul style="list-style-type: none"> ● 0=Compatible - Windows 8 Logo ● 1=Compatible ● 2=Free Update Required ● 3=Paid Update Required ● 4=Future Compatibility ● 5=Not Compatible ● 6=Information Coming Soon ● 7=Other' |
| Windows 8 64-Bit Compatibility Upgrade Path | The upgrade path for the software release to attain Windows 8 64-bit compatibility. |
| Windows 8 64-Bit Compatibility Date | The date the software release attained Windows 8 64-bit compatibility. |
| Windows 8 64-Bit Compatibility Readiness | The 64-bit readiness for Windows 8. |
| Manufacturer | The Manufacturer name (as obtained from the official website), minus the legal entity. |
| Software | The name of the software product. |

Table 81: Windows 8 Compatibility (cont.)

| Attribute | Description |
|---------------|--|
| Edition | The Software product's edition name. |
| Version Group | The name of version group (or market version) of the software product. |
| Version | The software patch's name/number. |
| Is Private? | See " Is Private. " |



Windows 2003-2012 Server Compatibility

The Windows 2003-2012 Server Compatibility Content Pack helps ensure your Windows Server 2003, 2008, 2008R2, and 2012 migration projects run smoothly.

Table 82: Windows Server Compatibility

| Attribute | Description |
|--|--|
| Windows Server Compatibility ID | The unique identifier for Windows server compatibility. |
| Compatibility ID | The unique identifier for CAT_COMPATIBILITY table. |
| Compatibility Type | The compatibility type refers to Windows Server 2003-2012. |
| Manufacturer ID | See " Manufacturer ID. " |
| Software Edition ID | See " Software Edition ID. " |
| Software Product ID | See " Software Product ID. " |
| Software Release ID | See " Software Release ID. " |
| Software Version Group ID | The unique identifier for the software version group. |
| Software Version ID | See " Software Version ID. " |
| Windows Server 32-Bit Compatibility Status Flag | This indicates the compatibility status of the software release with regard to Windows Server 2003-2012 32-bit. |
| Windows server 32-Bit Compatibility Status Description | The description of the flag that indicates the compatibility status of the software release with regard to Windows Server 2003-2012 32-bit. Values: <ul style="list-style-type: none"> ● 0=null ● 1=Certified for Windows ● 2=Designed for Windows ● 3=Works with Windows ● 4=Supports Windows |
| Windows Server 64-Bit Compatibility Status Flag | This indicates the compatibility status of the software release with regard to Windows Server 2003-2012 64-bit. |

Table 82: Windows Server Compatibility (cont.)

| Attribute | Description |
|--|---|
| Windows Server 64-Bit Compatibility Status Description | The description of the flag that indicates the compatibility status of the software release with regard to Windows Server 2003-2012 64-bit. Values: <ul style="list-style-type: none"> ● 0=null ● 1=Certified for Windows ● 2= Designed for Windows ● 3=Works with Windows ● 4=Supports Windows |
| Reference | The URL/Website address from which the requirements information was obtained. |
| Is Private? | See " Is Private. " |
| Private Flag | See " Private Flag. " |
| Private Type | See " Private Type. " |



Windows 10 Compatibility

The Windows 10 Compatibility Content Pack helps accelerate your Windows migration efforts with comprehensive information about compatibility and required upgrades.

Table 83: Windows 10 Compatibility

| Attribute | Description |
|-----------------------------|--|
| Windows 10 Compatibility ID | The unique identifier for Windows 10 compatibility. |
| Community Compatible | The count of community members who have rated this release as Windows 10 compatible. |
| Community Not Compatible | The count of community members who have rated this release as NOT Windows 10 compatible. |
| Compatibility Type | The compatibility type. |
| Component | The component of the software product, if applicable. |
| Edition | The edition name of the software product. |
| Family | The brand/family the software product belongs to, if applicable. |
| Generated Date | The date of generation. |
| Manufacturer | The manufacturer name (as obtained from the official website). |
| Manufacturer ID | See " Manufacturer ID. " |

Table 83: Windows 10 Compatibility

| Attribute | Description |
|--|--|
| Patch Level | The software patch, update, or service pack level, if applicable. |
| Software | The name of the software product. |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version Group ID | The unique identifier for software version group. |
| Software Version ID | See “ Software Version ID. ” |
| Subversion | This indicates the stage within the lifecycle of a product version from its initial inception to the final/end form, and beyond. |
| Version | The name/number of the software patch. |
| Version Group | The name of version group (or market version) of the software product. |
| Windows 10 32-Bit Compatibility Status Flag | This indicates the compatibility status of the software release with regard to Windows 10 32-bit. |
| Windows 10 32-Bit Compatibility Status Description | <p>The labels for the Windows 10 32-bit compatibility status column.</p> <p>Values:</p> <ul style="list-style-type: none"> ● 0=Compatible - Windows 10 Logo ● 1=Compatible ● 2=Free Update Required ● 3=Paid Update Required ● 4=Future Compatibility ● 5=Not Compatible ● 6=Information Coming Soon ● 7=Other |
| Windows 10 32-Bit Compatibility Upgrade Path | The upgrade path for the software release to attain Windows 10 32-bit compatibility. |
| Windows 10 32-Bit Compatibility Date | The date when the software release attained Windows 10 32-bit compatibility. |
| Windows 10 32-Bit Compatibility Readiness | The windows 10 32-bit compatibility readiness. |
| Windows 10 64-Bit Compatibility Status Flag | This indicates the compatibility status of the software release with regard to Windows 10 64-bit. |

Table 83: Windows 10 Compatibility

| Attribute | Description |
|--|---|
| Windows 10 64-Bit Compatibility Status Description | The labels for the Windows 10 64-bit compatibility status column. Values: <ul style="list-style-type: none"> ● 0=Compatible - Windows 10 Logo ● 1=Compatible ● 2=Free Update Required ● 3=Paid Update Required ● 4=Future Compatibility ● 5=Not Compatible ● 6=Information Coming Soon ● 7=Other |
| Windows 10 64-Bit Compatibility Upgrade Path | The upgrade path for the software release to attain Windows 10 64-bit compatibility. |
| Windows 10 64-Bit Compatibility Date | The date the software release attained Windows 10 64-bit compatibility. |
| Windows 10 64-Bit readiness | The 64-bit readiness for Windows 10. |
| Compatibility ID | The ID that refers to the CAT_COMPATIBILITY table. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 84: Operating System (OS) Requirements

| Attribute | Description |
|----------------------------------|--|
| Operating System Requirements ID | The unique identifier for the operating system requirements. |
| Bit Mode | The computer architecture on which the operating system is installed. Values: <ul style="list-style-type: none"> ● 32-bit ● 64-bit ● 32/64-bit |
| CPU Speed | The CPU clock speed (in MHz), as specified in the requirements. |
| Graphics Card | The graphic card option(s), as specified in the requirements. |
| Graphics Card Driver | The graphics card driver option(s), as specified in the requirements. |
| Hard Disk Drive Free Space | The amount of available hard disk space (in MB), as specified in the requirements. |

Table 84: Operating System (OS) Requirements

| Attribute | Description |
|--------------------------|--|
| Manufacturer ID | See “ Private Type. ” |
| Monitor Length | The length of the monitor (in inches), as specified in the requirements. |
| Monitor Width | The width of the monitor (in inches), as specified in the requirements. |
| Operating System Type | The typical installation of the operating system: Values: <ul style="list-style-type: none"> ● Server ● Client ● Server/Client |
| Optical Drive | The type of optical drive, as specified by the requirements. Values: <ul style="list-style-type: none"> ● CD-ROM ● DVD-ROM ● Other |
| Physical RAM limit | The amount of maximum physical memory/ RAM (in MB) that can be recognized by the operating system. |
| RAM | The amount of memory/RAM (in MB), as specified in the requirements. |
| Requirement Type | The type of requirements for the operating system installation. Values: <ul style="list-style-type: none"> ● Minimum ● Recommended ● Optional ● Maximum ● Other |
| Requirement Type (Other) | Explanation of 'Other' type or requirements (from the requirements type column). |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Req. Source | The source where the requirements information is obtained from ‘Values: OS Vendor, Other Vendor.’ |

Table 84: Operating System (OS) Requirements

| Attribute | Description |
|----------------|---|
| Source (Other) | The 'Other Vendor' from which the requirements information is obtained (from the Req. Source column). |
| Notes | The URL/website address from which the requirements information was obtained. |
| Reference | Notes and any additional information related to the requirements. |



DejaCode Open Source

The DejaCode Open Source Content Pack helps you avoid compliance issues by gaining clarity about your OSS deployments and exposure to the wide variety of license types.

Table 85: DejaCode Open Source

| Attribute | Description |
|-------------------------------|---|
| DejaCode Open Source ID | The unique identifier for DejaCode open source software. |
| Manufacturer ID | See " Manufacturer ID. " |
| Name | The field in DejaCode that refers to public name of the component. |
| Owner | The field in DejaCode that refers to the company open source project or individual author of the component. |
| Software Edition ID | See " Software Edition ID. " |
| Software Product ID | See " Software Product ID. " |
| Software Release ID | See " Software Release ID. " |
| Software Version ID | See " Software Version ID. " |
| Software Version group ID | The unique identifier for the software version group. |
| Taxonomy ID | See " Taxonomy ID. " |
| Universal Resource Name (URN) | The Universal Resource Name is a human readable ID assigned to a component in DejaCode. |
| Unique ID | A stable and globally unique ID assigned to a component in DejaCode. |
| Version | A field in DejaCode that refers to the version of the component. |
| Primary UUID | The row with the primary/major version amongst multiple rows of sub-versions. |
| Is Private? | See " Is Private. " |
| Private Flag | See " Private Flag. " |
| Private Type | See " Private Type. " |

Table 86: DejaCode Open Source License

| Attribute | Description |
|---------------------------------|---|
| DejaCode Open Source License ID | The unique identifier for DejaCode open source software license. |
| DejaCode Open Source ID | The unique identifier for DejaCode open source software. |
| License Category | The field in DejaCode that provides a major grouping for licenses describing the relationship between the licensor and licensee. |
| License Short Name | The field in DejaCode that refers to the short name of the licenses that apply to the component. |
| License Type | The field in DejaCode that identifies the high-level nature of a license category (i.e., Open Source or Proprietary). |
| Is Primary | The field in DejaCode that indicates whether a named license assigned to a component is the primary named license for that component. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 87: DejaCode Open Source Keywords

| Attribute | Description |
|----------------------------------|---|
| DejaCode Open Source Keywords ID | The unique identifier for DejaCode open source software keywords. |
| DejaCode Open Source Software ID | The unique identifier for DejaCode open source software. |
| Keyword | A field in DejaCode that provides general software categories. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |



InfoSec

The InfoSec (Information Security) Content Pack easily translates between Technopedia and CPE/CVE standards for feeding your IT GRC (Governance, Risk Management, and Compliance) and security tools.

Table 88: CPE URI

| Attribute | Description |
|---------------------------|--|
| CPE URI ID | The unique identifier for the CPE URI. |
| CPE Hardware ID | The unique identifier for the CPE hardware. |
| CPE Software ID | The unique identifier for CPE software. |
| CPE URI | The generic syntax for Uniform Resource Identifiers (URI) for Common Platform Enumeration (CPE). This includes a formal name format, a method for checking names against a system, and a description format for binding. |
| CVE count | The count of Common Vulnerabilities and Exposures (CVE) entries that are associated with or affecting this CPE. It refers to any of the following columns: name name6 or ns2:product in CVE feeds (which is published by the U.S. National Institute for Standards and Technology - NIST). |
| CVSS Score Maximum | The maximum Common Vulnerability Scoring System (CVSS) value amongst all CVE entries that are associated with this CPE. |
| CVSS Severity Maximum | The maximum Common Vulnerability Scoring System (CVSS) Severity amongst all CVE entries that are associated with this CPE. |
| Definition | The title or name of the software operating system or hardware product for which the CPE URI is assigned. This refers to 'ns1:title' column in CPE Dictionary (which is published by the U.S. National Institute for Standards and Technology - NIST). |
| Hardware Model ID | See “ Hardware Model ID. ” |
| Hardware Model Profile ID | See “ Hardware Model Profile ID. ” |
| Hardware Product ID | See “ Hardware Product ID. ” |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Software Edition ID | See “ Software Edition ID. ” |
| Software product ID | See “ Software Product ID. ” |
| Software release ID | See “ Software Release ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Software Version Group ID | The unique identifier for the software version group. |
| Taxonomy ID | See “ Taxonomy ID. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 89: CPE Software

| Attribute | Description |
|---------------------|--|
| CPE Software ID | The unique identifier for CPE software. |
| CPE | The prefix (URI schema name) for the CPE. |
| Edition | Edition component of CPE URI. |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Part | The component of the CPE URI. Values: <ul style="list-style-type: none"> ● s = software ● o = operating systems ● h = hardware |
| Product | The product component of the CPE URI. |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Vendor | The vendor component of the CPE URI. |
| De-Supported Flag | See “ De-supported Flag. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 90: CPE Hardware

| Attribute | Description |
|---------------------------|--|
| CPE Hardware ID | The unique identifier for CPE Hardware. |
| CPE | The prefix (URI schema name) for CPE. |
| Edition | The edition component of the CPE URI. |
| Hardware Model ID | See “ Hardware Model ID. ” |
| Hardware Model Profile ID | See “ Hardware Model Profile ID. ” |
| Hardware Product ID | See “ Hardware Product ID. ” |
| Manufacturer ID | See “ Manufacturer ID. ” |
| Part | The component of the CPE URI. Values: <ul style="list-style-type: none"> ● s = software ● o = operating systems ● h = hardware |
| Product | The product component of the CPE URI. |
| Vendor | The vendor component of the CPE URI. |
| De-supported Flag | See “ De-supported Flag. ” |

Table 90: CPE Hardware

| Attribute | Description |
|--------------|---------------------------------------|
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 91: CVE

| Attribute | Description |
|--|---|
| CVE ID | The unique identifier for the CVE. |
| CVEID | The actual identifier for Common Vulnerabilities and Exposures (CVE), which is a unique common identifier (ID) for publicly-known information-security vulnerabilities in publicly-released software packages. The ID follows the format: CVE prefix + Year + Arbitrary Digits. |
| CVE Published Date | The date that the CVE entry was last modified in the NVD. This refers to 'ns2:last-modified-datetime' column in CPE Dictionary, which is published by the U.S. National Institute for Standards and Technology (NIST). |
| CVSS Score | The common Vulnerability Scoring System (CVSS) is an open framework for communicating the characteristics and impacts of IT vulnerabilities, which is adopted in the National Vulnerability Database (NVD). |
| CVSS Severity | The order of severity based on CVSS score: <ul style="list-style-type: none"> ● High (CVSS score of 7.0 - 10.0) ● Medium (CVSS score of 4.0 - 6.9) ● Low (CVSS score of 0.0 - 3.9) |
| National Vulnerability Database (NVD) Published Date | The date the CVE entry was first published in the NVD. This refers to 'ns2:published-datetime' column in CPE Dictionary, which is published by the U.S. National Institute for Standards and Technology (NIST). |
| Summary | The summary of the issue/vulnerability impact described on the CVE. |
| Reject Flag | The reject flag figure from the summary column. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 92: CPE/CVE Relationship

| Attribute | Description |
|--------------|---|
| CPE CVE ID | The unique identifier for the CPE/CVE relationship. |
| CPE URI ID | The unique identifier for the CPE URI. |
| CVE ID | The unique identifier for the CVE. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Content Packs Specific to Technopedia MD

The following content packs are applicable only to Technopedia MD. To see a list of content packs applicable to both Technopedia MD and Technopedia IT, see page 23. To see a list of content packs applicable only to Technopedia IT, see page 62.



Federal Drug Administration (FDA)

The Federal Drug Administration (FDA) Content Pack ensures that all patient data is secured along with identification of devices containing ePHI data.

Table 93: FDA

| Attribute | Description |
|-----------------------|---|
| FDA ID | The unique identifier for the CAT_FDA table. |
| Replacement ID | See “ Replacement ID. ” |
| FDA Product Class | The FDA Product Class i.e., 1, 2, Not Classified etc. |
| FDA Product Code | The FDA Product Code i.e., HQR, DGO etc. |
| FDA Product Code Name | The Product Code Name i.e., Ige, Peroxidase, Antigen, Antiserum, Control etc. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 94: Hardware Model FDA

| Attribute | Description |
|-----------------------|---|
| Hardware Model FDA ID | The unique identifier for the FDA hardware model. |
| Replacement ID | See “ Replacement ID .” |
| FDA Approved Date | The FDA’s date of approval. |
| FDA Level | The FDA records priority order by model. |
| FDA ID | The unique identifier for the CAT_FDA table. |
| Hardware Model ID | See “ Hardware Model ID .” |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 95: Manufacturer Recall

| Attribute | Description |
|------------------------------------|--|
| Manufacturer Recall ID | The unique identifier for the manufacturer recall. |
| Manufacturer Recall Initiated Date | The date on which the manufacturer recall was issued. |
| Manufacturer Recall URL | The URL for the manufacturer recall. |
| Manufacturer Reason for Recall | The reason(s) why the manufacturer issues a specific recall. |
| Replacement ID | See “ Replacement ID .” |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 96: Hardware Manufacturer Model Recall

| Attribute | Description |
|---------------------------------------|--|
| Model ID | The unique identifier for the hardware model. |
| Hardware Manufacturer Model Recall ID | The unique identifier of the Hardware Manufacturer Model Recall Table. |
| Manufacturer Recall ID | The unique identifier of the Manufacturer Recall Table. |

Table 97: FDA Recall

| Attribute | Description |
|------------------------|--|
| FDA Recall ID | The unique identifier for CAT_FDA_RECALL table. |
| FDA Recall Class | The recall class of the FDA. |
| FDA Recall Event ID | The unique identifier for the FDA Recall Event. |
| FDA Recall Number | The FDA's recall number. |
| FDA Recall Posted Date | The date when the FDA recall was posted. |
| FDA Recall URL | The FDA's recall URL. |
| Manufacturer Recall ID | The unique identifier for CAT_MFR_RECALL_ID table. |
| Reason for Recall | The reason for the recall. |
| Is Private? | See " Is Private. " |
| Private Flag | See " Private Flag. " |
| Private Type | See " Private Type. " |

Table 98: Manufacturer Recall Code Information Type

| Attribute | Description |
|--|--|
| Manufacturer Recall Code Information Type ID | The unique identifier of CAT_MFR_RECALL_CODEINFOTYPE table. |
| Replacement ID | See " Replacement ID. " |
| Info Type | The recall code info type i.e., Lot Number, Catalog Number, Serial Number. |
| Create Date | See " Create Date. " |
| Last Modified Date | See " Last Modified Date. " |
| To Be Deleted | See " To Be Deleted. " |
| To Be Deleted On | See " To Be Deleted On. " |
| Delete Reason | See " Delete Reason. " |
| Is Private? | See " Is Private. " |
| Private Flag | See " Private Flag. " |
| Private Type | See " Private Type. " |

Table 99: Manufacturer Recall Code Information

| Attribute | Description |
|--|---|
| Manufacturer Recall Code Info Group | The informational grouping for the manufacturer's recall code. |
| Manufacturer Recall Code Info Max | The code maximum range. |
| Manufacturer Recall Code Info Min | The code minimum range. |
| Delete Reason | See " Delete Reason. " |
| Replacement ID | See " Replacement ID. " |
| Manufacturer Recall Code Information Type ID | The unique identifier of the CAT_MFR_RECALL_CODEINFOTYPE table. |
| Manufacturer Recall Code Information ID | The unique identifier of the CAT_MFR_RECALL_CODE_INFO table. |
| Manufacturer Recall ID | The unique identifier of the CAT_MFR_RECALL table. |
| Create Date | See " Create Date. " |
| Last Modified Date | See " Last Modified Date. " |
| To Be Deleted | See " To Be Deleted. " |
| To Be Deleted On | See " To Be Deleted On. " |
| Is Private? | See " Is Private. " |
| Private Flag | See " Private Flag. " |
| Private Type | See " Private Type. " |



Global Medical Device Nomenclature (GMDN)

The Global Medical Device Nomenclature (GMDN) Content Pack ensures that a common taxonomy is established for medical devices along with internationally agreed upon descriptors that are used when identifying medical devices.

Table 100: GMDN

| Attribute | Description |
|---------------------|---|
| GMDN ID | The unique identifier for global medical device nomenclature. |
| GMDN Code | The global medical device nomenclature code. |
| GMDN Definition | The global medical device nomenclature definition. |
| GMDN Preferred Term | The global medical device nomenclature preferred term. |

Table 100: GMDN (cont.)

| Attribute | Description |
|--------------|---------------------------------------|
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 101: Hardware Model GMDN

| Attribute | Description |
|------------------------|---|
| Hardware Model GMDN ID | The unique identifier for the hardware model GMDN. |
| Hardware Model ID | See “ Hardware Model ID. ” |
| GMDN ID | The unique identifier for global medical device nomenclature. |
| GMDN Level | The model by which GMDN records priority order. |
| Replacement ID | See “ Replacement ID. ” |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |



Universal Medical Device Nomenclature System (UMDNS)

The Universal Medical Device Nomenclature System (UMDNS) Content Pack ensures the usage of established standard international nomenclature and computer coding systems that identify, process, retrieve, transfer, and communicate data regarding medical devices.

Table 102: UMDNS

| Attribute | Description |
|----------------|---|
| UMDNS ID | The unique identifier for UMDNS. |
| Definition | The manufacturer definition of the value in the program column. |
| Replacement ID | See “ Replacement ID. ” |

Table 102: UMDNS

| Attribute | Description |
|--------------------|---|
| Device Code | The device code. |
| Device Name | The device name. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |

Table 103: Hardware Model UMDNS

| Attribute | Description |
|-------------------------|---|
| UMDNS ID | The unique identifier for UMDNS. |
| Replacement ID | See “ Replacement ID .” |
| Hardware Model ID | See “ Hardware Model ID .” |
| Hardware Model UMDNS ID | The unique identifier for hardware model UMDNS. |
| UMDNS Level | The UMDNS records priority order. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |



Unique Device Identification Database (UDID)

The Unique Device Identification Database UDID Content Pack gains visibility via the ability to identify medical devices through their distribution and use.

Table 104: UDID

| Attribute | Description |
|--------------------------------|--|
| GUDID | The unique identifier for Global Unique Device Identification Database. |
| Brand Name | The name of the brand. |
| Catalog Number | The number of the catalog. |
| Commercial Distribute End Date | The end date of the commercial distribution. |
| Commercial Distribute Status | The status of the commercial distribution. |
| Company Name | The name of the company. |
| Contains DI Number | This contains the DI Number. |
| Device Combination Product | This is the product combination. |
| Device Count | The device count. |
| Device Description | The device description. |
| Device HCTP | The Human Cell Tissue or Cellular or Tissue-Based Product (HCT/P). |
| Device Kit | The device kit. |
| Device Packaged as Sterile | The Sterile Device. |
| Device Record Status | The device record status. |
| Device Type | The device type. |
| DI Record Publish Date | The DI record publish date. |
| DME Exempt | The device subject to Direct Marking (DM), but also exempt. |
| Donation ID Number | The donation identification number. |
| EMAIL | The manufacturer's email address. |
| Expiration Date | The date of expiration. |
| GUDID URL | The GUDID URL. |
| Issuing Agency | The issuing agency. |
| Labeled Contains No-NRL | The device labeled not made with natural rubber latex. |
| Labeled Contains NRL | The device required to be labeled as containing natural rubber latex or dry natural rubber (21 CFR 801.437). |
| Log Batch | The lot or batch number. |
| Manufacturer Date | The manufacturing date. |
| OTC | Over the Counter (OTC). |
| Package DI Number | The Package DI Number. |
| Phone | A manufacturer's phone number. |
| Pre-Market Exempt | Defines whether something is Pre-Market Exempt or not. |
| Prescription Use (Rx) | Defines whether something is the Prescription Use (Rx) or not. |
| Primary DI Number | This contains the Primary DI Number. |
| Quantity Per Package | The quantity per package. |

Table 104: UDID

| Attribute | Description |
|-------------------------------------|--|
| Requires Sterilization Prior to Use | This requires sterilization prior to use. |
| Serial Number | The serial number. |
| Single Use | For Single-Use. |
| Sterilization Method | The sterilization method. |
| Unit Of Use DI Number | The unit of use DI Number. |
| Version or Model | The version or model. |
| MRI Safety Status | What MRI safety information the labeling contains. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 105: Hardware Model GUIDID

| Attribute | Description |
|--------------------------|--|
| GUIDID ID | The unique identifier for the GUIDID. |
| Hardware Model GUIDID ID | The unique identifier for the GUIDID hardware model. |
| Hardware Model ID | See “ Hardware Model ID. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |



Manufacturer Disclosure Statement for Medical Device Security (MDS2)

The Manufacturer Disclosure Statement for Medical Device Security (MDS2) Content Pack ensures that patient data is secured via the identification of devices containing ePHI data.

Table 106: MDS2

| Attribute | Description |
|---|---|
| MDS2 ID | The unique identifier for CAT_MDS2 table. |
| Automatic Logoff - Inactivity Length Configurable | Automatic Logoff - Inactivity Length Configurable, 'No', 'Yes', 'N/A', 'See notes'. |
| Automatic Logoff - Inactivity Lock | Automatic Logoff - Inactivity Lock, 'No', 'Yes', 'N/A', 'See notes'. |
| Automatic Logoff - Manual Lock | Automatic Logoff - Manual Lock, 'No', 'Yes', 'N/A', 'See notes'. |

Table 106: MDS2

| Attribute | Description |
|---|---|
| Audit Control - Audit Trail | Audit Control - Audit Trail, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Identifier - Date/Time | Audit Control Identifier - Date/Time, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Identifier - User ID | Audit Control Identifier - User ID, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Type - Data Changes | Audit Control Type - Data Changes, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Type - Data Display | Audit Control Type - Data Display, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Type - Data Import/Export | Audit Control Type - Data Import/Export, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Type - Data Transmission | Audit Control Type - Data Transmission, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Type - Login/Logout | Audit Control Type - Login/Logout, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Type - Other | Audit Control Type - Other, 'No', 'Yes', 'N/A', 'See notes'. |
| Audit Control Type - Remote Activity | Audit Control Type - Remote Activity, 'No', 'Yes', 'N/A', 'See notes'. |
| Authorization - Admin Privilege | Authorization - Admin Privilege, 'No', 'Yes', 'N/A', 'See notes'. |
| Authorization - Role-Based Privileges | Authorization - Role-Based Privileges, 'No', 'Yes', 'N/A', 'See notes'. |
| Authorization - Unauthorized User Prevention | Authorization - Unauthorized User Prevention, 'No', 'Yes', 'N/A', 'See notes'. |
| Security Configuration - Configurable | Security Configuration - Configurable, 'No', 'Yes', 'N/A', 'See notes'. |
| MDS2 Company Name | Company Name. |
| Product Upgrades - OS and Security Patches | Product Upgrades - OS and Security Patches, 'No', 'Yes', 'N/A', 'See notes'. |
| Product Upgrades - Remote Patches | Product Upgrades - Remote Patches, 'No', 'Yes', 'N/A', 'See notes'. |
| Data De-Identify Capability | Data De-Identify Capability, 'No', 'Yes', 'N/A', 'See notes'. |
| Data Backup Capability | Data backup Capability, 'No', 'Yes', 'N/A', 'See notes'. |
| Emergency Access Feature | Emergency Access Feature, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Maintenance - Import/Export | Private Data Maintenance - Import/Export, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Maintenance - Persistent Local Media | Private Data Maintenance - Persistent Local Media, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Maintenance - Power Interruption | Private Data Maintenance - Power Interruption, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Maintenance - Temporary memory | Private Data Maintenance - Temporary memory, 'No', 'Yes', 'N/A', 'See notes'. |

Table 106: MDS2

| Attribute | Description |
|--|--|
| Private Data Management | Private Data Management, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Cable | Private Data Transmission - Cable, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Display | Private Data Transmission - Display, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Hardcopy | Private Data Transmission - Hardcopy, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Removable Media | Private Data Transmission - Removable Media, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Scanning | Private Data Transmission - Scanning, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Wired Network | Private Data Transmission - Wired Network, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Wireless Network | Private Data Transmission - Wireless Network, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Type - Biometric Data | Private Data Type - Biometric Data, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Type - Demographic | Private Data Type - Demographic, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Type - Diagnostic/therapeutic | Private Type - Diagnostic/therapeutic, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Type - Medical Record | Private Type - Medical Record, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Type - Personal Financial | Private Data Type - Personal Financial, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Type - User-entered Text | Private Data Type - User-entered Text, 'No', 'Yes', 'N/A', 'See notes'. |
| Data Integrity - Error Detection/Correction Technology | Data Integrity - Error Detection/Correction, 'No', 'Yes', 'N/A', 'See notes'. |
| MDS2 Device Intended Use | Explains the intended use of the device. |
| Malware Protection - Manufacturer-Authorized Repair Only | Malware Protection - Manufacturer-Authorized Repair Only, 'No', 'Yes', 'N/A', 'See notes'. |
| Malware Protection - Owner Virus Definition Update | Malware Protection - Owner Virus Definition Update, 'No', 'Yes', 'N/A', 'See notes'. |
| Malware Protection - Owner Install/Update | Malware Protection - Owner Install/Update, 'No', 'Yes', 'N/A', 'See notes'. |
| MDS2 Document Date | Details whether it's MDS2 Document Date, 'No', 'Yes', 'N/A', 'See notes'. |
| MDS2 Document ID | The unique identifier for the MDS2 Document. |
| MDS2 Doc (.pdf, .xls) | MDS2 Document URL, 'No', 'Yes', 'N/A', 'See notes'. |
| MDS2 Manufacturer Contact | Manufacturer Contact Information. |
| Malware Protection Support | Malware Protection Support, 'No', 'Yes', 'N/A', 'See notes'. |

Table 106: MDS2

| Attribute | Description |
|--|--|
| Malware Protection - Notification | Malware Protection - Notification, 'No', 'Yes', 'N/A', 'See notes'. |
| Malware Protection - User Configurable | Malware Protection - User Configurable, 'No', 'Yes', 'N/A', 'See notes'. |
| Node Authentication Support | Node Authentication Support, 'No', 'Yes', 'N/A', 'See notes'. |
| MDS2 NEMA Version | Explains the version of the NEMA for MDS2. |
| Notes Available | MDS2 Notes Available, 'No', 'Yes', 'N/A', 'See notes'. |
| Accept or Initiate Remote Access | Accept or Initiate Remote Access, 'No', 'Yes', 'N/A', 'See notes'. |
| Remote Access Restrictions | Remote Access Restrictions, 'No', 'Yes', 'N/A', 'See notes'. |
| Remote Service | Remote Service, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - Change Default Password | Person Authentication - Change Default Password, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - External Authentication Service | Person Authentication - External Authentication Service, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - Multi User | Person Authentication - Multi User, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - Password Complexity Rules | Person Authentication - Password Complexity Rules, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - Password Expiration | Person Authentication - Password Expiration, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - Shared User ID | Person Authentication - Shared User ID, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - Single User | Person Authentication - Single User, 'No', 'Yes', 'N/A', 'See notes'. |
| Person Authentication - Unsuccessful Logon Attempts Lock | Person Authentication - Unsuccessful Logon Attempts Lock, 'No', 'Yes', 'N/A', 'See notes'. |
| Whole Device Physical Locks | Whole Device Physical Locks, 'No', 'Yes', 'N/A', 'See notes'. |
| Third-Party Support in Roadmap - List is Provided | Third-Party Support in Roadmap - List is Provided, 'No', 'Yes', 'N/A', 'See notes'. |
| Third-Party Support in Roadmap - Operating Systems | Third-Party Support in Roadmap - Operating Systems, 'No', 'Yes', 'N/A', 'See notes'. |
| MDS2 Representative | Representative Name/Position. |
| Non-required Accounts Disabled | Non-required Accounts Disabled, 'No', 'Yes', 'N/A', 'See notes'. |
| Selective Disablement of Applications | Selective Disablement of Applications, 'No', 'Yes', 'N/A', 'See notes'. |
| Boot from Removable Media | Boot from Removable Media, 'No', 'Yes', 'N/A', 'See notes'. |

Table 106: MDS2

| Attribute | Description |
|---|---|
| External Communication Capability | External Communication Capability, 'No', 'Yes', 'N/A', 'See notes'. |
| File-Level Access Control Capability | File-Level Access Control Capability, 'No', 'Yes', 'N/A', 'See notes'. |
| Hardening Measure - Employed, Conformance Level | Hardening Measure - Employed, Conformance Level, 'No', 'Yes', 'N/A', 'See notes'. |
| Install Non-Manufacturer Authorized Software/Hardware | Install Non-Manufacturer Authorized Software/Hardware, 'No', 'Yes', 'N/A', 'See notes'. |
| Hardening Measure - Manufacturer-Authorized Program/Update | Hardening Measure - Manufacturer-Authorized Program/Update, 'No', 'Yes', 'N/A', 'See notes'. |
| Selective Disablement of Communication Ports | Selective Disablement of Communication Ports, 'No', 'Yes', 'N/A', 'See notes'. |
| Selective Disablement of Services | Selective Disablement of Services, 'No', 'Yes', 'N/A', 'See notes'. |
| Selective Disablement of Shared Resources | Selective Disablement of Shared Resources, 'No', 'Yes', 'N/A', 'See notes'. |
| Device/Media Sanitization Instructions | Device/Media Sanitization Instructions, 'No', 'Yes', 'N/A', 'See notes'. |
| Security Features Documented | Security Features Documented, 'No', 'Yes', 'N/A', 'See notes'. |
| Device Encrypt Data At Rest | Device Encrypt Data At Rest, 'No', 'Yes', 'N/A', 'See notes'. |
| Transmission Confidentiality - Dedicated Cable Data Transmission Only | Transmission Confidentiality - Dedicated Cable Data Transmission Only, 'No', 'Yes', 'N/A', 'See notes'. |
| Transmission Confidentiality - Encrypted Data Transmission | Transmission Confidentiality - Encrypted Data Transmission, 'No', 'Yes', 'N/A', 'See notes'. |
| Transmission Confidentiality - Fixed List Transmission Destinations | Transmission Confidentiality - Fixed List Transmission Destinations, 'No', 'Yes', 'N/A', 'See notes'. |
| Transmission Integrity Support | Transmission Integrity Support, 'No', 'Yes', 'N/A', 'See notes'. |
| Private Data Transmission - Other | Private Data Transmission - Other, 'No', 'Yes', 'N/A', 'See notes'. |
| Is Private? | See “Is Private.” |
| Private Flag | See “Private Flag.” |
| Private Type | See “Private Type.” |

Table 107: MDS2 Hardware Model

| Attribute | Description |
|------------------------|--|
| Hardware Model ID | See “ Hardware Model ID. ” |
| Replacement ID | See “ Replacement ID. ” |
| Hardware Model MDS2 ID | The unique identifier for CAT_HW_MODEL_MDS2 table. |
| MDS2 ID | The unique identifier for MDS2. |
| Create Date | See “ Create Date. ” |
| Last Modified Date | See “ Last Modified Date. ” |
| To Be Deleted | See “ To Be Deleted. ” |
| To Be Deleted On | See “ To Be Deleted On. ” |
| Delete Reason | See “ Delete Reason. ” |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 108: MDS2 Software Release

| Attribute | Description |
|---------------------------|--|
| MDS2 ID | The unique identifier of CAT_MDS2 table. |
| MDS2 Software Release ID | The unique identifier of CAT_MDS2_SW_RELEASE table. |
| Software Edition ID | See “ Software Edition ID. ” |
| Software Product ID | See “ Software Product ID. ” |
| Software Release ID | See “ Software Release ID. ” |
| Software Version ID | See “ Software Version ID. ” |
| Software Version Group ID | The unique identifier of CAT_SW_VERSION_GROUP table. |
| Is Private? | See “ Is Private. ” |
| Private Flag | See “ Private Flag. ” |
| Private Type | See “ Private Type. ” |

Table 109: UUID

| Attribute | Description |
|--------------------|--|
| UUID ID | The unique identifier for the UUID. |
| Replacement ID | See “ Replacement ID .” |
| Table Name | The name of the table where the value resides. |
| Column Name | The name of the column in TABLE_NAME where the value resides. |
| Create Date | See “ Create Date .” |
| Last Modified Date | See “ Last Modified Date .” |
| To Be Deleted | See “ To Be Deleted .” |
| To Be Deleted On | See “ To Be Deleted On .” |
| Delete Reason | See “ Delete Reason .” |
| Is Private? | See “ Is Private .” |
| Private Flag | See “ Private Flag .” |
| Private Type | See “ Private Type .” |
| Parent Table Name | The name of the table where the value originates (applies when the value is shared between multiple tables). |
| Parent Column Name | The name of the column in PARENT_TABLE_NAME where the value originates (applies when the value is shared between multiple tables). |
| Parent UUID ID | Unique identifier of the PARENT_TABLE_NAME (it will be the same as the CAT_UUID when the value is shared between multiple tables). |

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