



## STANDARD DATABASE FOR INTERGRAPH SMART® REFERENCE DATA ROBUST DATABASE DELIVERS WIDE RANGE OF UNIQUE COMMODITY CODES FOR PROJECT MATERIALS

With millions of individual parts to describe and each part having to be described differently for each phase of a project, the complexity in standardizing material descriptions is significant. Companies devote substantial effort to define commodity codes along with their properties that satisfy requirements throughout various phases of a project.

To reduce this effort, Hexagon PPM built Standard Database for Intergraph Smart® Reference Data that delivers a comprehensive range of commodity codes you can use to uniquely describe materials throughout a project life cycle. Within Smart Reference Data, the Standard Database employs sophisticated and exhaustive rules to maintain material descriptions.

Standard Database for Intergraph Smart Reference Data is a pre-configured, recommended best practice solution to enable rapid implementation and management of enterprise reference data and/or materials management in general. The Standard Database incorporates a comprehensive catalog of industry-standard material parts, organized and described for out-of-the-box use by engineering, procurement, fabrication, construction and operations and maintenance.

The content is pre-configured to enable catalog and piping specification interfaces to intelligent 3D applications (Intergraph Smart 3D, PDS®, and CADWorx®).

### Benefits

- Depending on the scope of the implementation, users can typically save three months to a year on the initial implementation and corresponding consulting and training fees.
- The savings in implementation costs are predominantly thanks to the out-of-the-box availability of commodity code rules and dimensional data based on standards. These rules and data can be used in conjunction with the delivered piping specifications to quickly start up projects that can leverage the data.
- Implementation costs have recently been further reduced by the inclusion of the SDB for Hangers and Supports product in the Standard Database, for no extra cost.
- Training and consulting are minimized as well, reducing implementation time plus cost and risks.
- There is no need to re-enter standard reference data, which enables high-quality production startup.



## Interfaces

Hexagon PPM delivers the Standard Database with pre-configured interfaces to 3D design tools, schematic tools, and material management.

## Available Content

The latest release of Standard Database for Intergraph Smart Reference Data ships with hundreds of piping components that are used by thousands of commodity codes and result in hundreds of thousands of individual parts with millions of dimensions. These parts are compliant with international standards (ASME/ANSI, ASTM, EN, JIS, and Chinese GB, among others) and include dimensional data from these standards.

A majority of the parts have been enriched with weight and center of gravity information to support downstream activities. In addition, a significant number of industry-standard piping specifications and sample specifications are included based on the delivered parts to enable quick project implementation.

This release of Standard Database contains ducting, electrical, equipment, structural content, and hangers and supports. This includes thousands of ducting parts, electrical parts, and cables. Also included are hundreds of equipment components and AISC structural steel cross sections. As of version 2018 of the Standard Database, dozens of support types and hundreds of sample pipe supports are included. These hangers and supports are industry generic and applicable to process, power, onshore, offshore, and pharma applications.



## ABOUT HEXAGON PPM

Hexagon PPM is part of Hexagon (Nasdaq Stockholm: HEXA B; [hexagon.com](https://www.hexagon.com)), a leading global provider of information technology solutions that drive productivity and quality across geospatial and industrial landscapes.