



## STANDARD DATABASE FOR SMARTPLANT® REFERENCE DATA

### NEW DATABASE DELIVERS WIDE RANGE OF UNIQUE COMMODITY CODES FOR PROJECT MATERIALS

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

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

Standard Database for SmartPlant Reference Data is a pre-configured, recommended best practice solution to enable rapid implementation of enterprise reference data management 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 owner operators, engineering, procurement, fabrication, and construction. The content is pre-configured to enable catalog and piping specification interfaces to intelligent 3D applications (initially PDS® and SmartPlant 3D).

#### Benefits

- Depending on the scope of the implementation, you can typically save 3 to 12 months on the initial implementation and corresponding consulting and training fees.
- Training is minimized, reducing implementation time and cost.
- High-quality production startup is ensured by eliminating the need for you to re-enter the same standard reference data.

#### Interfaces

Intergraph delivers the Standard Database with a pre-configured interface to SmartPlant 3D, SmartPlant Materials, and PDS.

#### Available Content

The initial release of Standard Database for SmartPlant Reference Data is delivered configured to support 90 piping component definitions according to U.S. standards (ASME/ANSI, ASTM, and API).

The content of these 90 piping components includes more than 12,000 commodity codes and more than one million individual parts with full dimensional data, including weights.

## ABOUT INTERGRAPH

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data into understandable visual representations and actionable intelligence. Intergraph's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph PP&M provides enterprise engineering software for the design, construction, and operation of plants, ships, and offshore facilities. Intergraph SG&I provides geospatially powered solutions to the defense and intelligence, public safety and security, government, transportation, photogrammetry, utilities, and communications industries.

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