



Intelligent P&IDs that adapt to your project scope

Facets P&ID (formerly Smart P&ID)

Facets P&IDWorx (formerly CADWorx P&ID Professional)

Common base: Both options build intelligent, specification-driven P&IDs that synchronize with the 3D plant model.

Select when your project needs:

A single data-centric source of truth that acts as the engineering baseline for the whole facility

A rule-based engine that checks data consistency as users across disciplines work in one shared environment

ISO 15926 data exchange and an API that connects third-party tools

Connect Octave EIM solutions and Forte 3D (formerly Smart 3D) for consistent, contextual engineering, design comparison and change management in one workflow

Multi-site execution with connected or offline joint-venture work-sharing

Change control with visual and report comparisons across P&ID versions

An as-built capability with workflows enabling owners and EPCs to carve out part of the plant, work it and merge it back for operations

Data-centric interoperability with Facets Instrumentation (formerly Smart Instrumentation) and Facets Electrical (formerly Smart Electrical), enabling continuity and reduced manual duplication

Coverage across a broad industry range spanning chemicals and petrochemicals, oil and gas, power and utilities, metals and mining, life sciences and pharma, food, beverage and retail, manufacturing and engineering services (EPCs)

Select when your project needs:

Intelligent DWG-based P&IDs built directly in BricsCAD (recommended) or AutoCAD, keeping your existing drawings, symbols and corporate standards

A fast start for CAD-trained teams, with optional database capability

Optional specification-driven component placement, checked against the plant model

Conversion of legacy P&ID drawings into linked, database-aware diagrams

Bi-directional project databases that stay in sync with drawings without specialist database skills

Automatic instrument loop diagrams built directly into the module

Coverage across a broad industry range, from chemicals and petrochemicals and power and utilities to life sciences and pharma, metals and mining, manufacturing, food, beverage and retail and engineering services (EPCs)