



Achieve standardization and management of Pipe Classes & Catalogs at organization level

000-Favorites | 420-Catalog | 501-Co

	Hole depth (flange thickness) 1 [mm]	Nur
	*	*
1	16.0	
2	18.0	
3	18.0	
4	18.0	
5	18.0	
6	18.0	
7	18.0	
8	20.0	
9		
10		
11		
12		
13		



**A module for creation, management of Pipe Classes, Parametric 3D Components, preparation and integration of the Manufacturer's Catalogs. Also helps the user for the maintenance of up-to-date catalog data in the system with the import and export functionality of MATPIPE.**

# MATPIPE - A Parametric Catalog Engine of Process, Material and Vendor Specification(s) for Central Catalog Management throughout the Project Life-cycle.

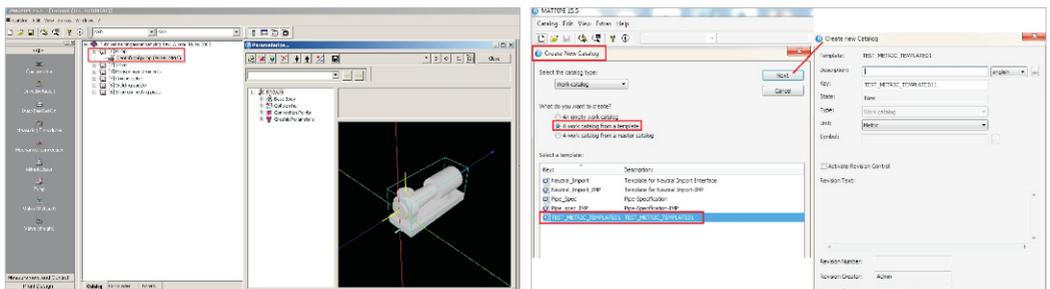


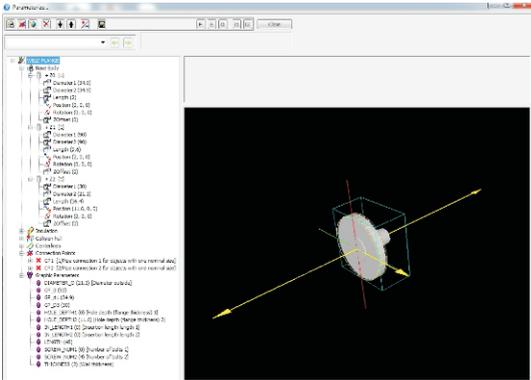
## Key Features:

- Rule-based Spec-creation tool with Non-CAD interface
- Parametric 2D/3D component configuration and symbols (with attribute data)
- Re-use of project data (specifications) for new project is easier
- Direct and easy access to specifications data ensures high rate of Standardization
- Data consistency in the BOM reports across P&ID, 3D and E&I
- It enable user to create & maintain multiple versions of a catalog with built-in revision management
- Ready to use database of template, piping component libraries from various Design Standards, Huge list of catalog from prominent vendors are available
- Symbol libraries as per the standards (DIN, ISO, ISA, ANSI, BS, etc.)

## Smart & Easy Catalog Creation:

- Catalog creation of standard components, pipe classes, pipe supports, ducting components and vendor catalogs, etc.
- User can add catalogs as per organization requirement and import external object(s)/catalog information
- Facilitates to create Master, Working and Reference catalogs using “Replica” and “Extended Replica” features
- New objects with different connection types can be created quickly with help of wizard from reference catalog
- User Management with Revision Management enables to standardize and maintain versions (replica and extended replicas) of catalogs at the organization level



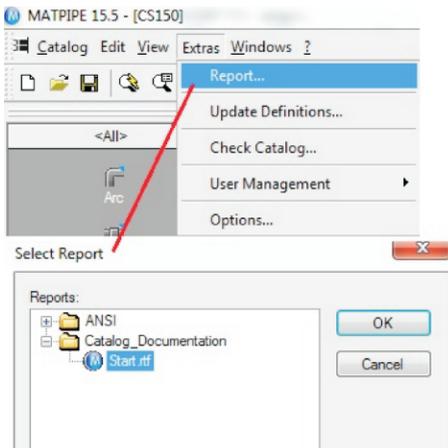
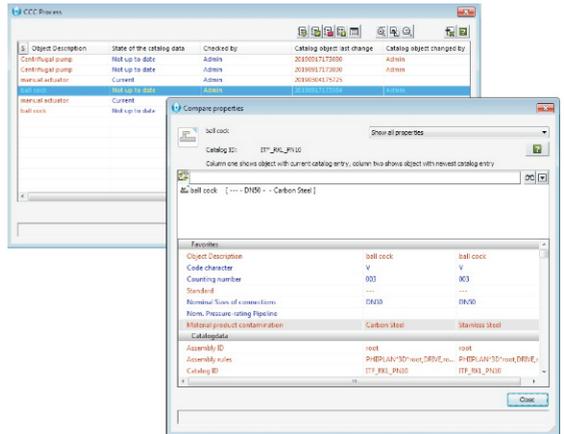


## Parametric Modeler for Quick Catalog Configuration:

- Rule-based component configuration & design tool for parameterization of objects
- Create simple 3D elements (e.g. a simple valve) or even complex structures (e.g. complete separators) as parametric objects
- Create both 3D elements and 2D symbols for P&ID, schematic diagrams or electrical equipment
- Built-in “Copy Parametric Objects” feature helps to reuse and copy the complete or specific parts of parametric definitions across the Catalogs

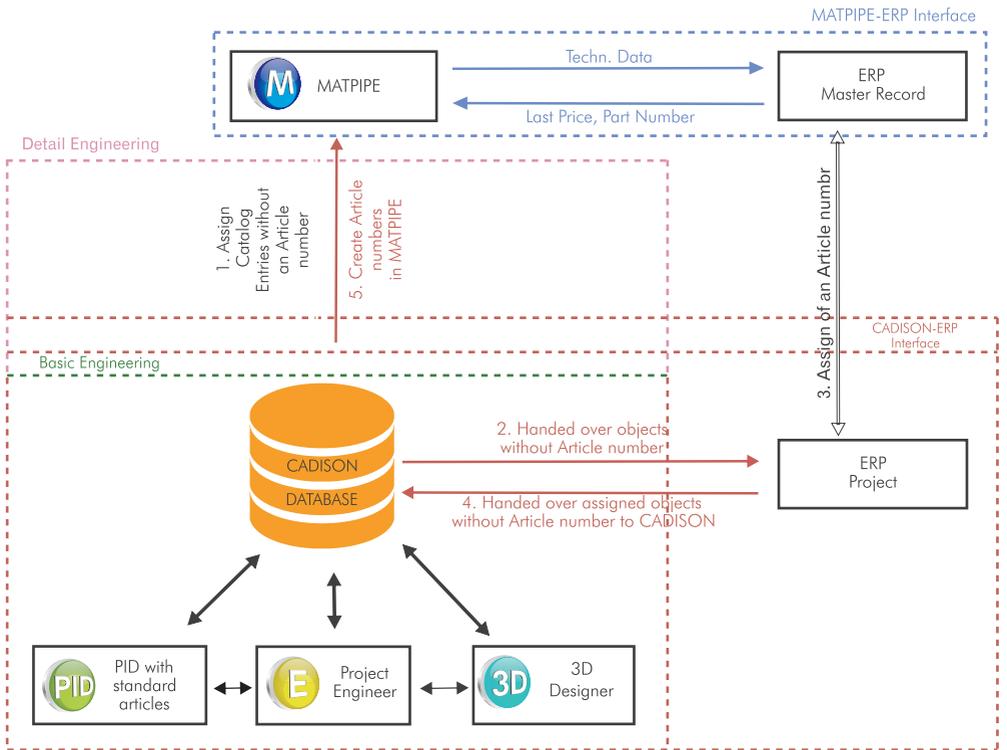
## CADISON® Catalog Control for Effective Change Management:

- CADISON® Catalog Control (CCC) feature enables the User to manage, change and update catalog objects that are already used (in a project) with latest information
- The CCC feature enable mass update of the used objects with latest version
- It’s an automated feature which ensures proper control of the entire process and also eliminate manual inspection for quality checking



## Accurate Report Generation:

- CADISON® MATPIPE can be used to prepare all pipe classes and catalog description and also can create / generate reports with Built-in report generator in different forms and formats
- The User can revise the reports anytime and are directly get stored in the CADISON database



## Benefits:

- Intuitive interface for object creation with 3D graphic variant modeler (all properties or dependencies can be also managed within the catalog)
- Integration of manufacturer documents (such as certificates, test reports, ATEX certificates, etc.)
- Effective interfaces with all discipline(s) ensures that engineering materials management, procurement and fabricator have the same information from the catalogs
- The ERP-interface establishes the relation between the procurement & maintenance of ERP domains and the master data management