T·FLEX DOCs

T-FLEX DOCs - PLM, Document and Workflow Management

TOP SYSTEMS

Protected Storage of Enterprise Data

ENGINEERING PROCESSED AND DESIGN MANAGEMENT

CUSTOMIZED INFORMATION SYSTEM

INTEGTATION WITH MAJOR MCAD SYSTEMS

GENERAL OFFICE AND DESK WORKFLOW

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UNIFIELD PROTECTED STORAGE OF ENTERPRISE DATA

PRODUCT STRUCTURE MANAGEMENT, BILLOF MATERIALS, CORPORATE DATA AND CLASSIFIERS

ENTERPRICE KNOWLEDGE MANAGEMENT AND ARCHIVE

MANAGING COMPANY PRODUCT RANGE, CORPORATE DATA AND CLASSIFIERS

PROJECT MANAGEMENT, COST AND RESOURCE PLANING

MAIL AND TASKS, WORKFLOW MANAGMENT

INTEGRATION WITH ERP SYSTEMS

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Strategy

T-FLEX DOCs delivers end-to-end data and process management providing an overall solution to manage a product's entire life cycle, linking data from CAD/CAM/CAE/VR/PDM applications.

- ✓ Various specialized custom applications based on a single kernel

- ✓ Flexible configuration of data structures and user interface

- ✓ Ability to establish any relationship between the data to provide

  enterprise- wide collaboration

- ✓ Universal and specialized components to build specialized systems

- ✓ Full openness for adding any custom components

- ✓ Direct integration with CAD systems and other design applications
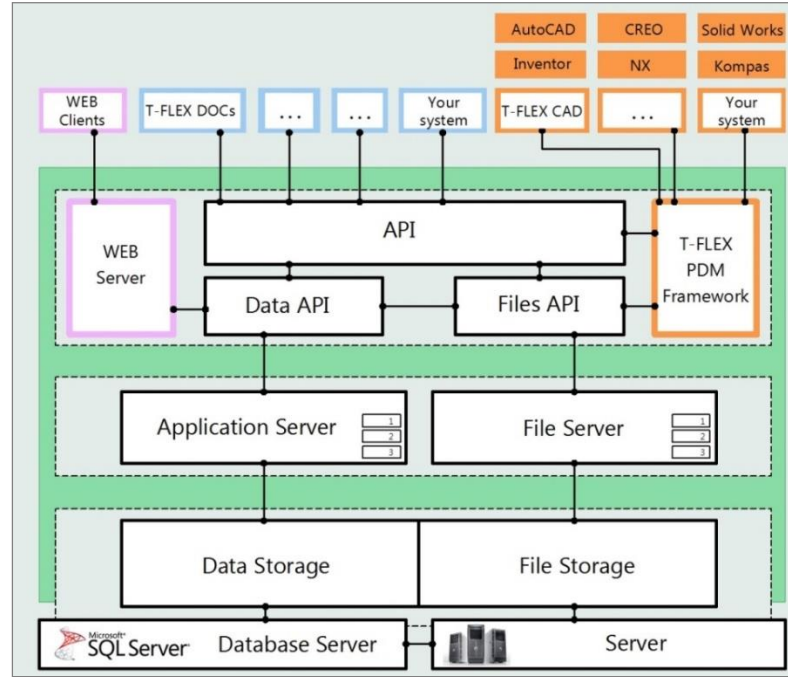
T·FLEX DOCs
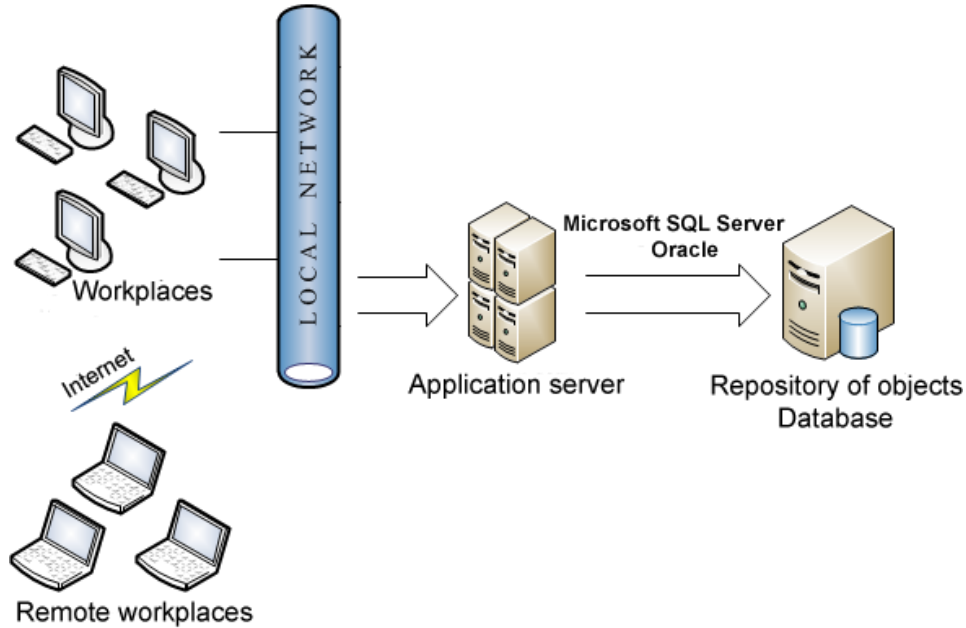
Architecture

Three-level architecture constitutes the basis of T-FLEX DOCs model. This basically implies that all data used on work places is stored and processed on the server, and the user interface, i.e., client's place, allows the user only to display the data and initiate its processing.

Architecture
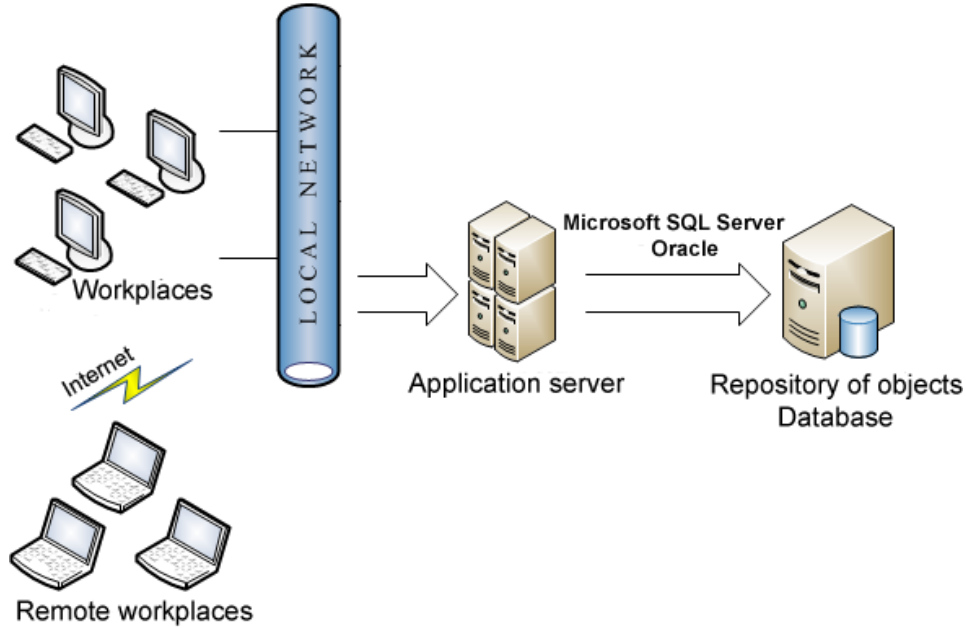
Interaction between the client and the server is carried out by the use of application server.

Architecture

An example of a typical T-FLEX DOCs system work organization within the limits of the local as well as global networks. T-FLEX DOCs system can adequately be used both in networks with a domain organization and in single-rank networks.
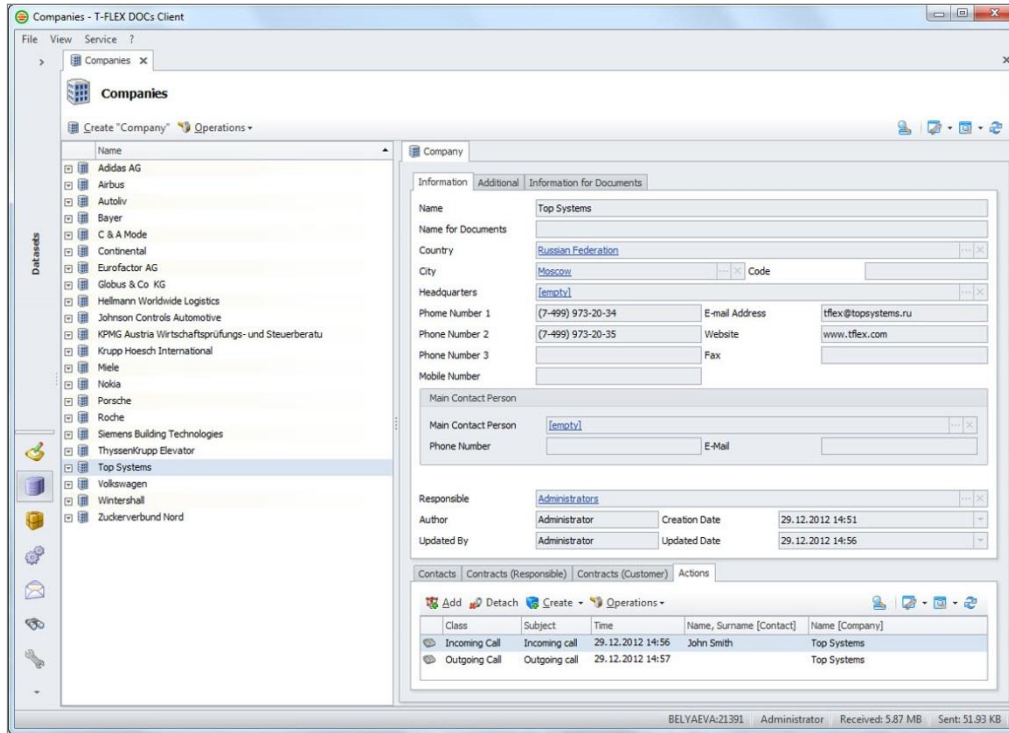
Designer Workplace
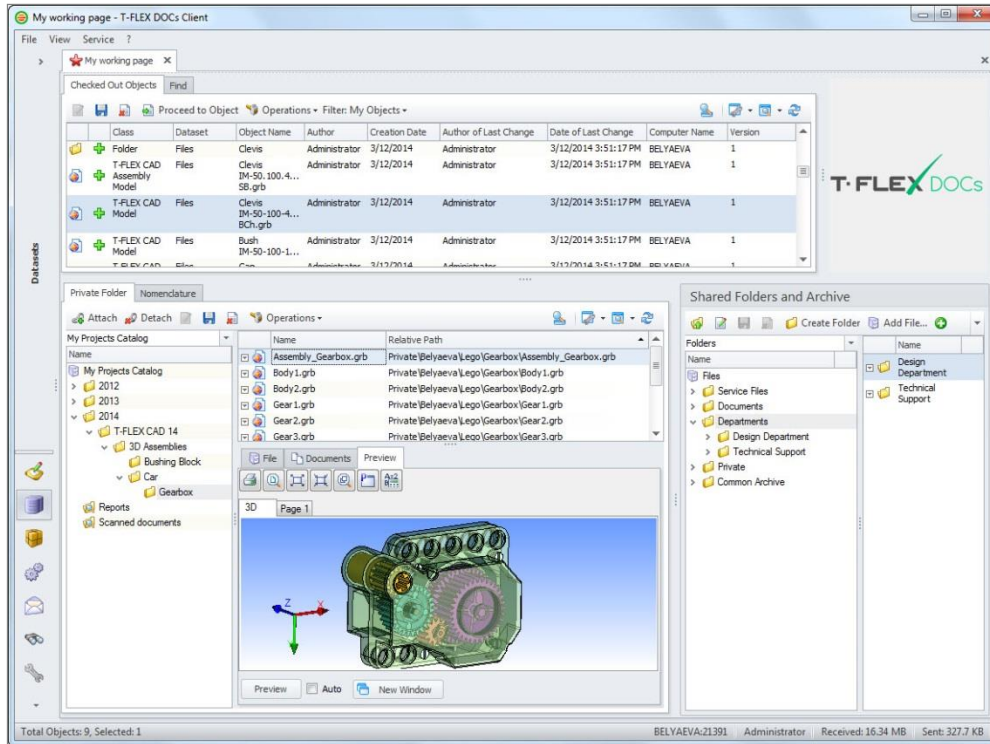
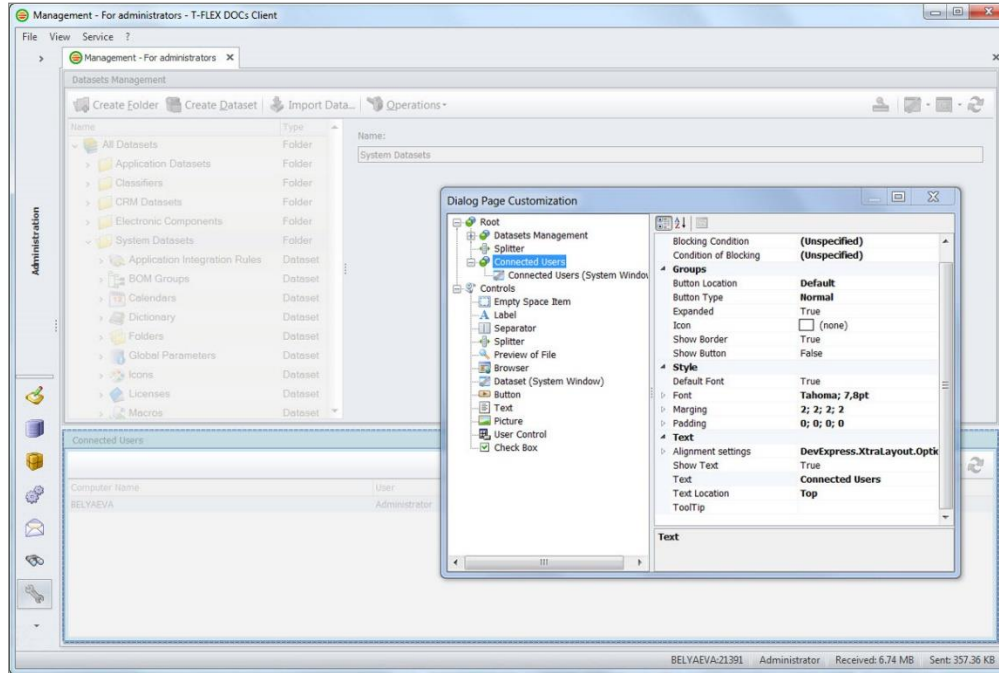The system has a number of ready-made solutions for successful usage from the beginning.

A typical example - the designer workplace.

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Customer Relationship Management

✓ The classic document management software application – CRM, customer relationship management

Administrator Workplace

Administrator can configure his workplace and workplaces of employees to solve any problems, as well as quickly examine the current state of the system.

Nomenclature and Products

Nomenclature control and operations with product structure – key element of enterprise data management

- ✓ Product Structure development and maintenance

- ✓ Verify uniqueness and unparalleled selection when creating new objects

- ✓ Automatic logging of company nomenclature

- ✓ Automatic generation of bills of materials, statements and other reporting documents

- ✓ Keeping different versions of product structure

- ✓ Support for multiple representation of products (design, technology, etc.)

- ✓ Keeping history of design modifications with the ability to return to previous versions of parts and subassemblies

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Keeping the Product Nomenclature
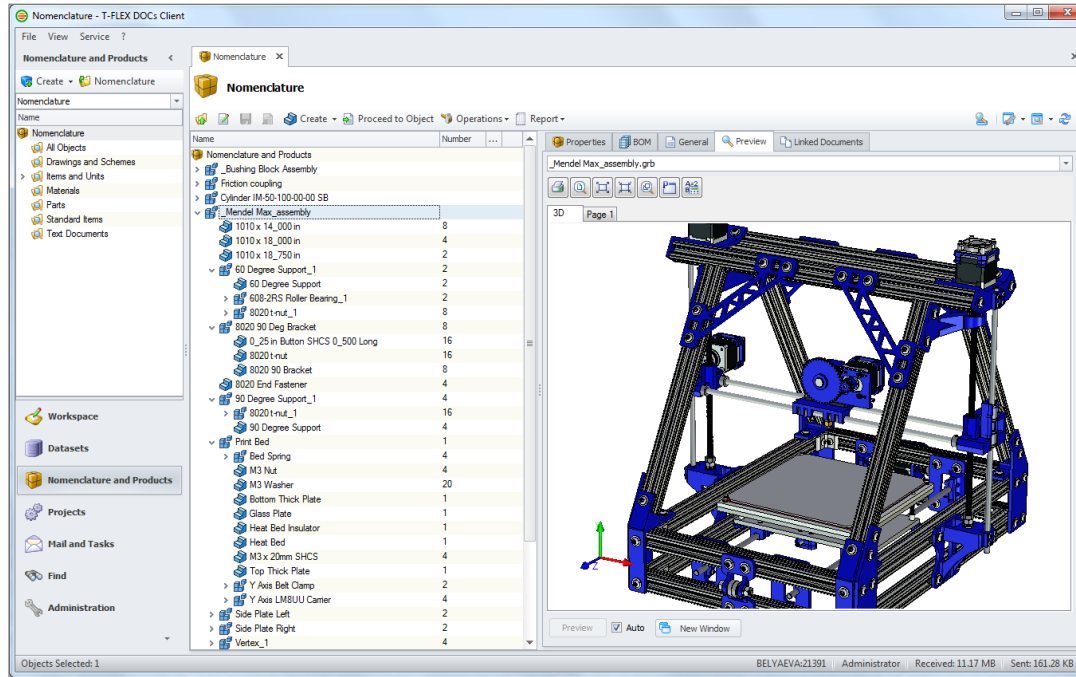
Nomenclature management is conveniently organized with easy window control, data viewing and search, filters, and more.
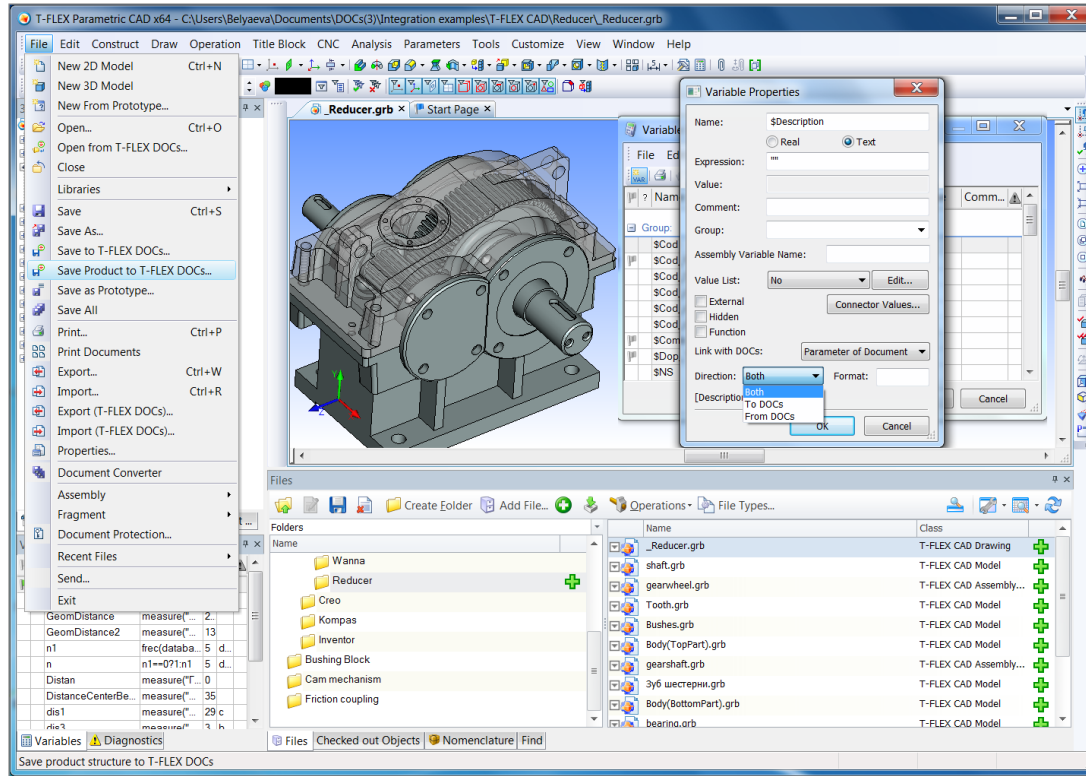Special feature – setting the rules for uniqueness check.

Integration with Various Design Systems

T-FLEX DOCs has modules for integration with almost all popular design systems, including:
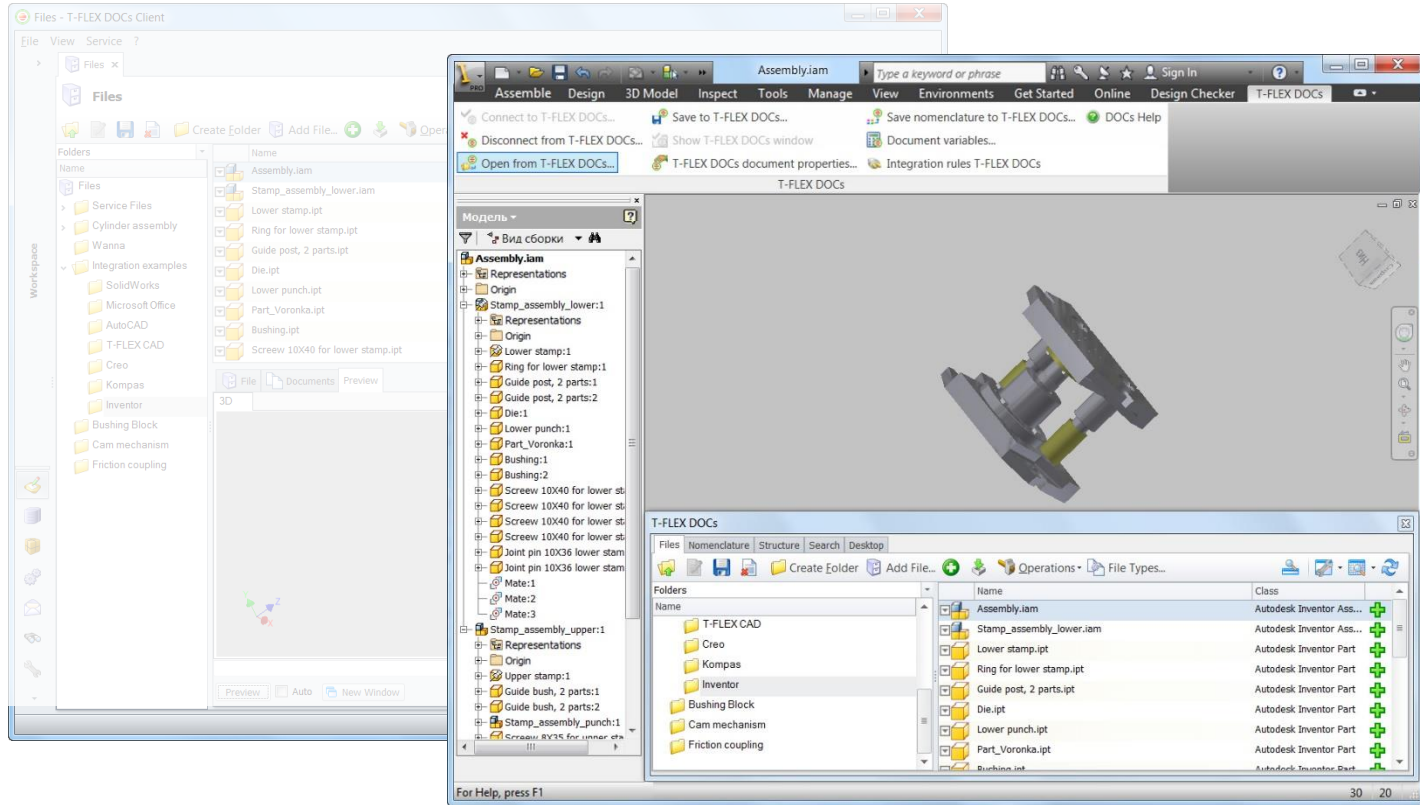
- ✓ T-FLEX CAD
- ✓ SolidWorks
- ✓ Autodesk Inventor
- ✓ AutoCAD
- ✓ PTC Creo
- ✓ Siemens NX
- ✓ CATIA
- ✓ Solid Edge

Integration with T-FLEX CAD supports associative connection by parameters. Values of parameters can be transferred in accordance with the specified rules in various directions: from T-FLEX CAD to T-FLEX DOCs, from T-FLEX DOCs to T-FLEX CAD, and in both directions.

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Integration Example (T-FLEX CAD)

Integration Example (Autodesk Inventor)

Integration Example (Autodesk Inventor)

Integration Example (SolidWorks)
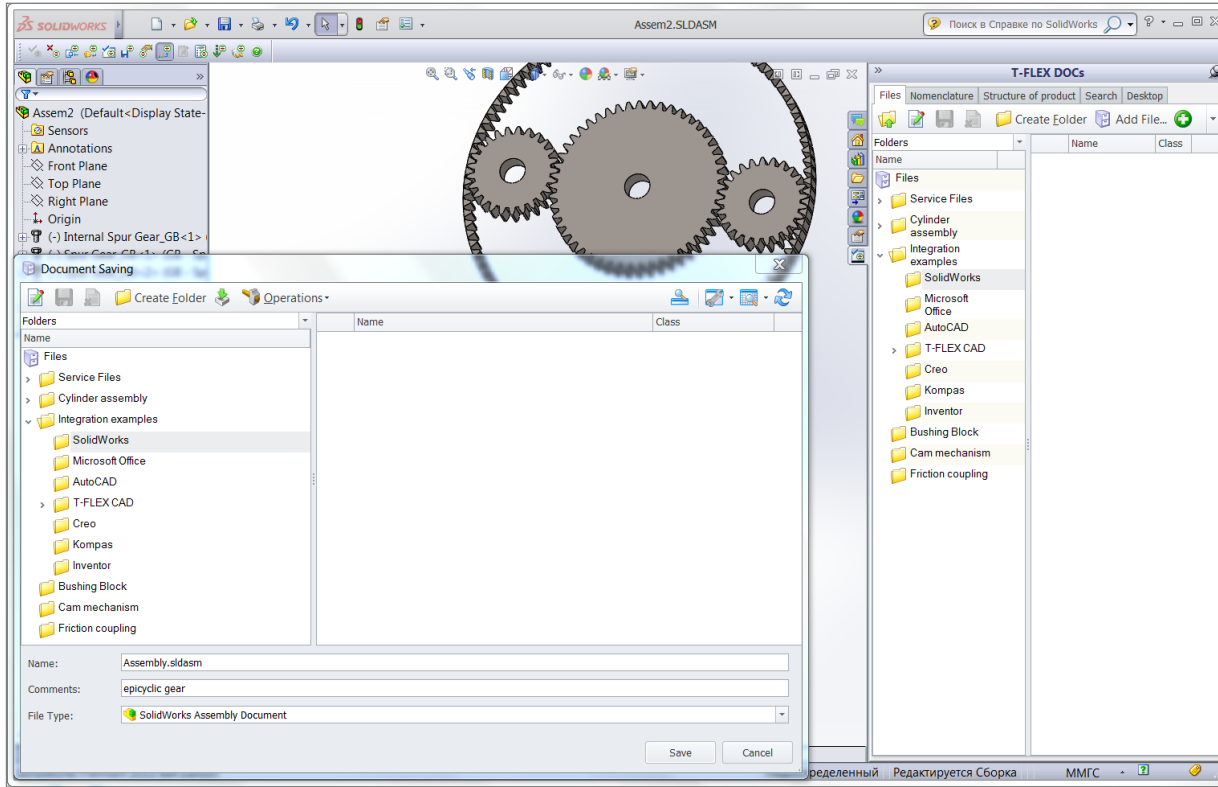
T-FLEX DOCs Tools

Universal tools for creating custom applications based on T-FLEX DOCs

- ✓ Open data structures management

- ✓ Visual design tools, custom user interface

- ✓ Tools to create custom report forms

- ✓ Widespread support for macros

- ✓ Development tools and specialized mechanisms for disabling "extra" functionality

- ✓ Tools for designing workflows (business processes) of any complexity

- ✓ Manual and automatic filtration and styles of data presentation

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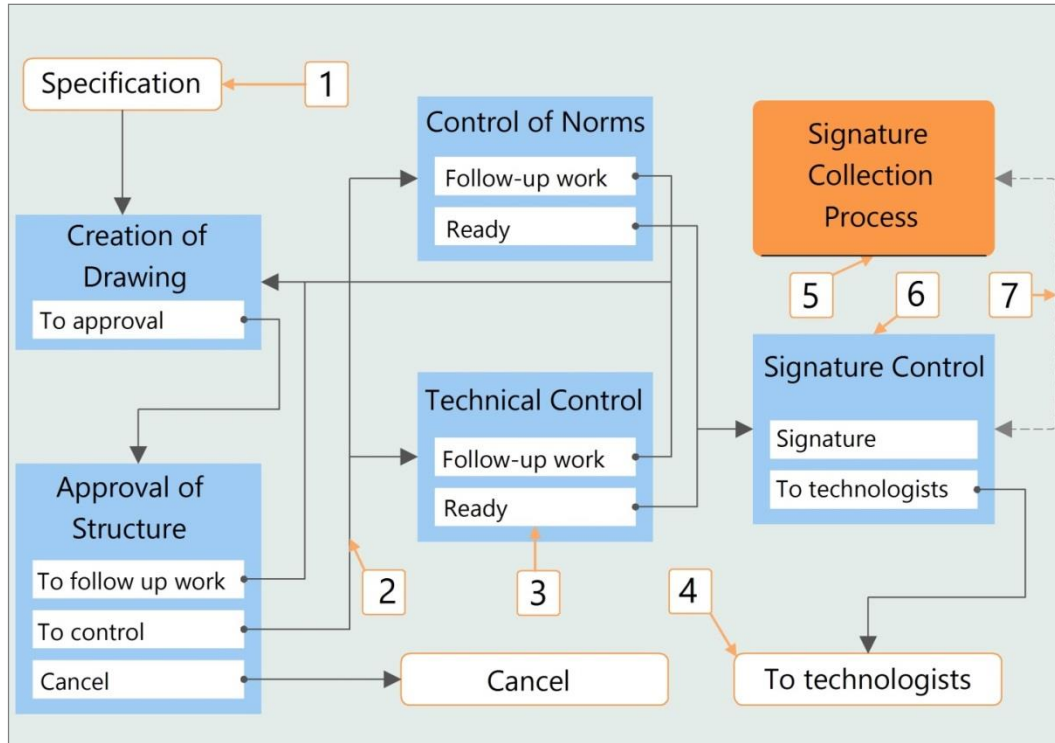
Data Structures Management
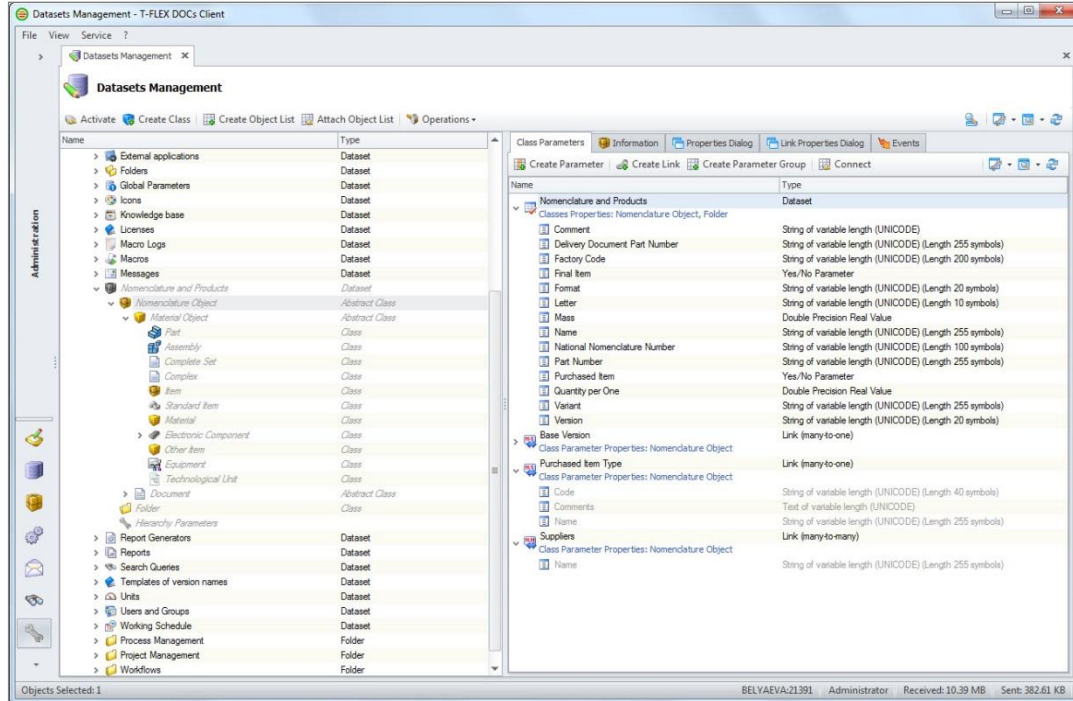
Various levels and types of data structures: datasets, parameters, objects, relations, links, etc.
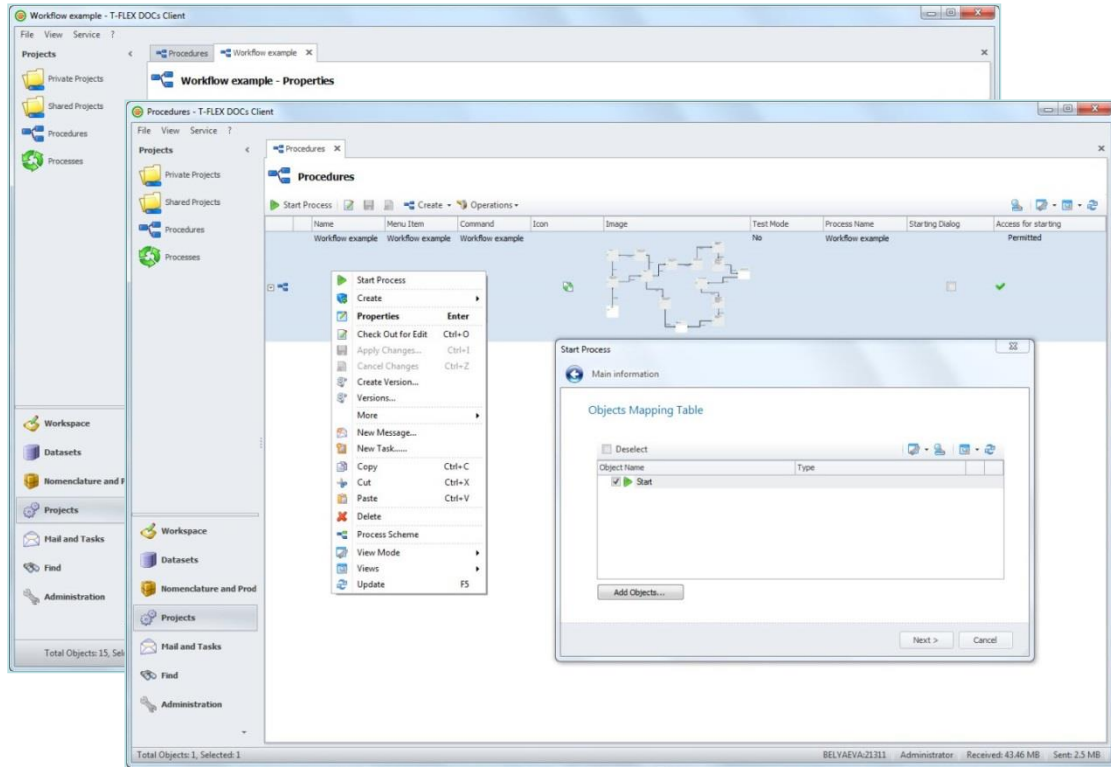
Creation of Custom Dialogs
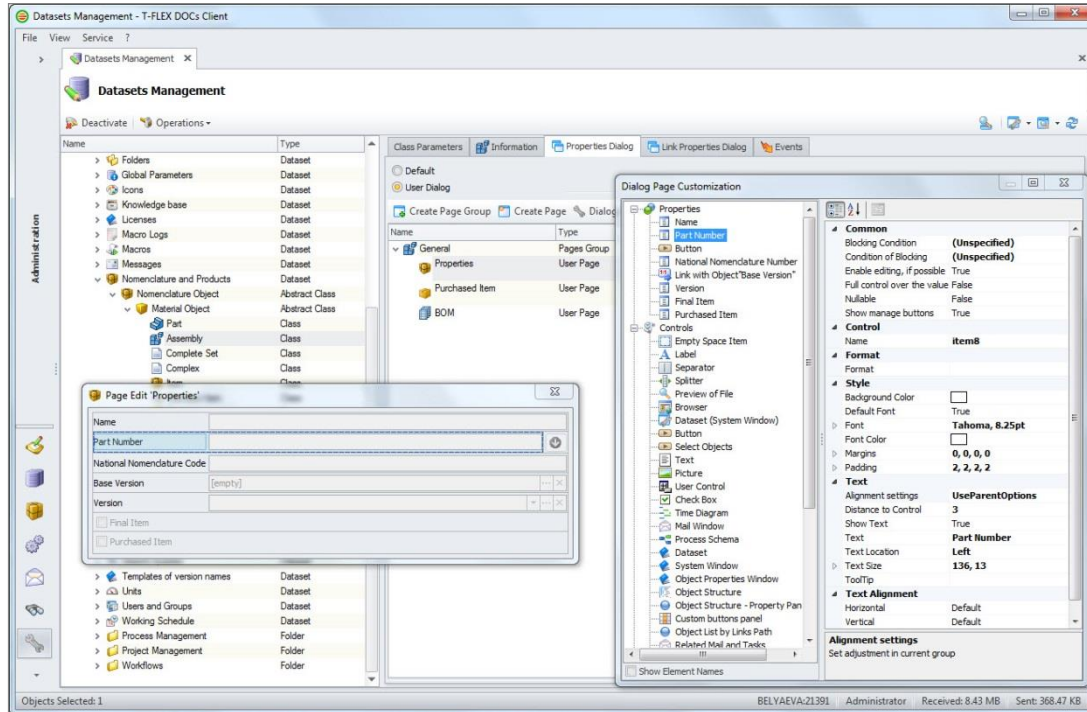
Any data structure may be presented as a window with dialog.

Business Procedure Development

You can make a sketch of logic for system we want to automate, build specific workflow, and apply rules of execution. Further you can correct any process, examine its status.
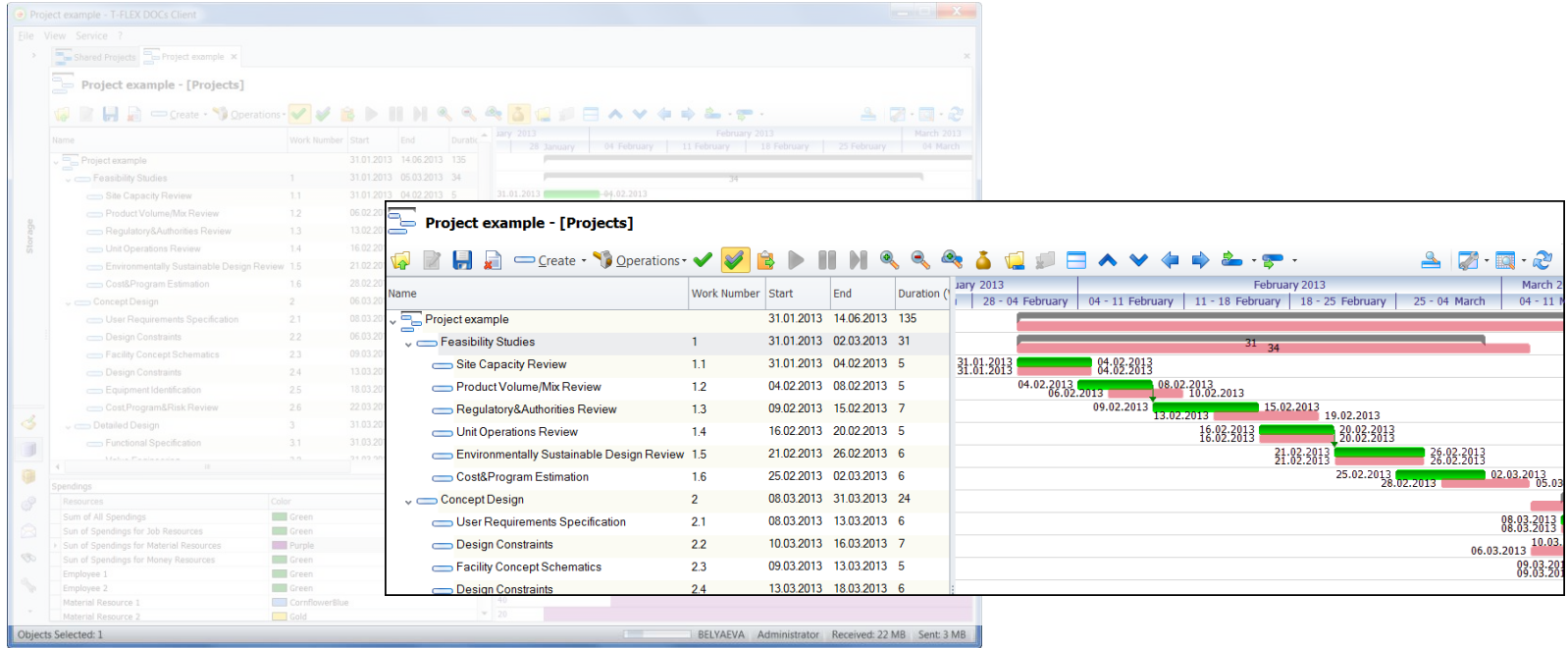
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Project Management

Leaders will be interested in project management module that supports development of projects of any complexity, scheduling and resources. It is possible not only to development the project, but also run it comparing planned and actual status of the project.

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Custom Development with Macro
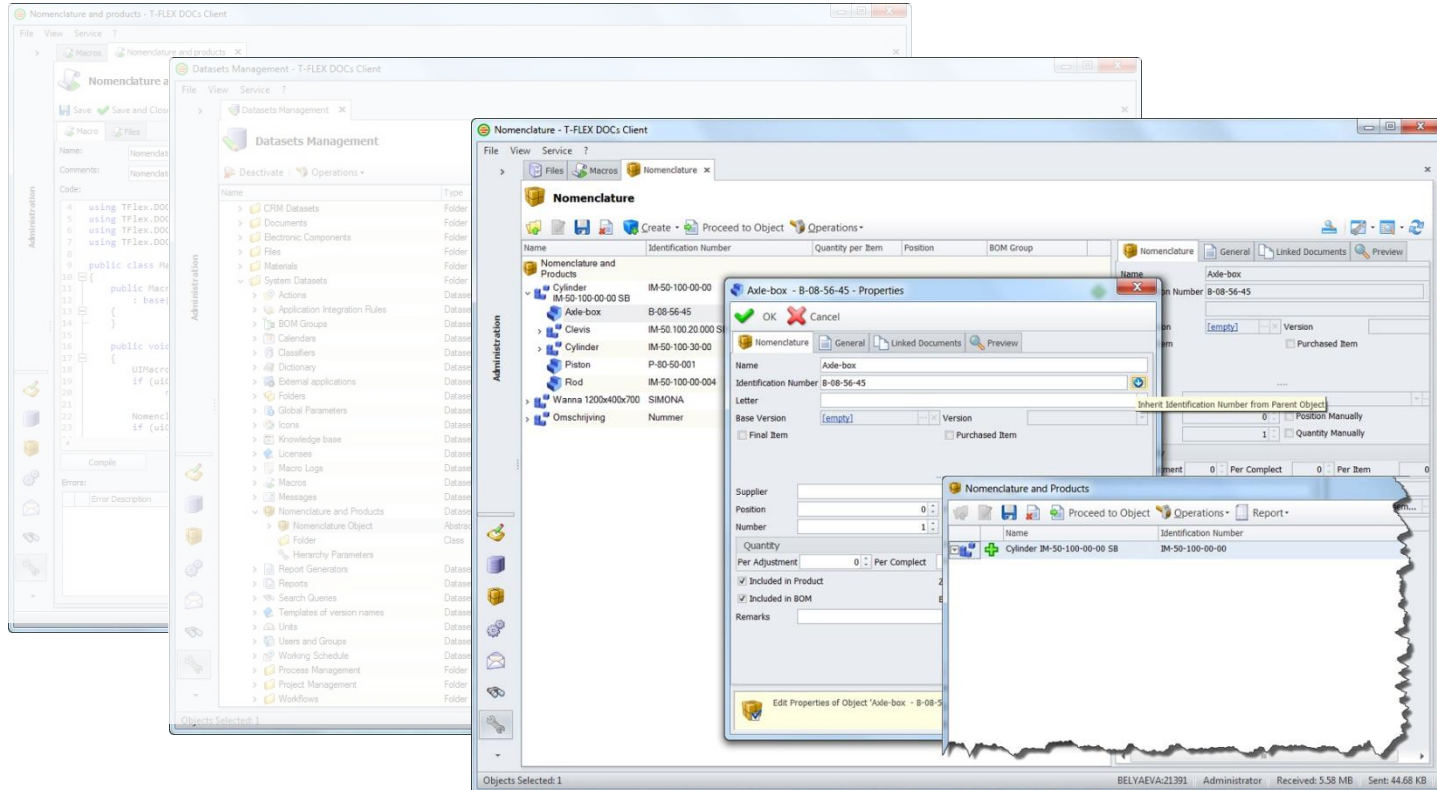
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Conclusion ... on T-FLEX DOCs

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T-FLEX DOCs is powerful full-featured PLM solution for solving various tasks of enterprise automation.

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T-FLEX PLM

For more information about T-FLEX CAD
and other Top Systems' products
you may contact directly our company
or any regional representative

www.tflex.com | tflex@topsystems.ru

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