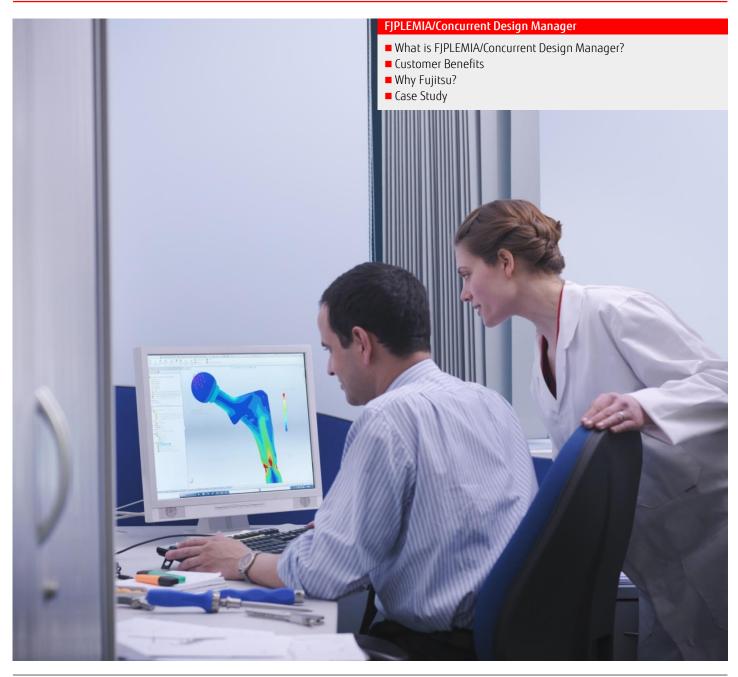# FUJITSU

Overview of Service / Solution
FUJITSU Manufacturing Industry Solution FJPLEMIA/Concurrent Design Manager
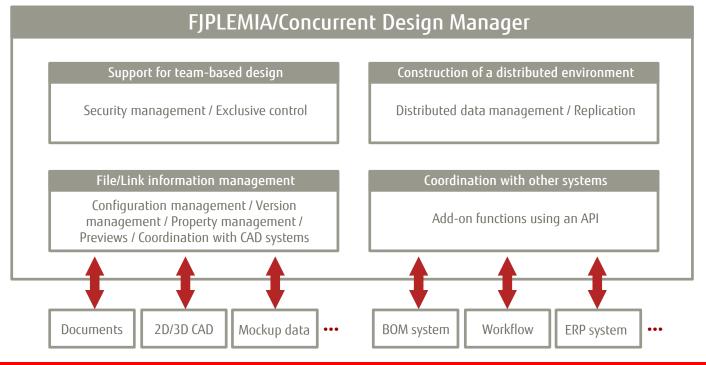
3D CAD & Mock-up Data management software package
PLEMIA realizes a global distributed design environment for effective collaborative design
PLEMIA creates time for creative work by achieving dynamic linkage management of 3D models
Achieve integrated management of prominent types of 3D CAD data via a unified interface

FJPLEMIA/Concurrent Design Manager

- What is FJPLEMIA/Concurrent Design Manager?
- Customer Benefits
- Why Fujitsu?
- Case Study

What is FJPLEMIA/Concurrent Design Manager?

- Fujitsu's FJPLEMIA/Concurrent Design Manager is a tool for managing design data for product lifecycle management (PLM).
- FJPLEMIA/Concurrent Design Manager provides a seamless team-based design environment regardless of design environment size or design tool type.
- FJPLEMIA/Concurrent Design Manager improves overall business efficiency when used in combination with BOMs and mockup tools.

FJPLEMIA/Concurrent Design Manager

Support for team-based design

Security management / Exclusive control

Construction of a distributed environment

Distributed data management / Replication

File/Link information management

Configuration management / Version management / Property management / Previews / Coordination with CAD systems

Coordination with other systems

Add-on functions using an API

Documents | 2D/3D CAD | Mockup data | ••• | BOM system | Workflow | ERP system | •••

Customer Benefits

FJPLEMIA/Concurrent Design Manager enables construction of an information platform using tools with a proven track record.

- FJPLEMIA/Concurrent Design Manager provides access to solutions supported by our experiences with major advanced manufacturers. Fujitsu also uses FJPLEMIA/Concurrent Design Manager internally.
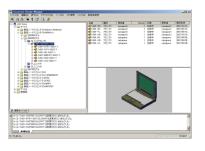
FJPLEMIA/Concurrent Design Manager creates time to focus on design work.

- FJPLEMIA/Concurrent Design Manager is designed to be easy to use so as to help users learn how to operate it within a short period of time.
- The tools manage data link information, allowing designers to focus on creative design work.
- FJPLEMIA/Concurrent Design Manager automatically generates VPS data to reduce designers' workloads.
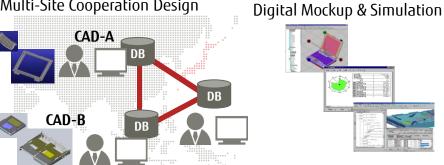
FJPLEMIA/Concurrent Design Manager's flexible expandability supports company-wide and global development.

- FJPLEMIA/Concurrent Design Manager supports multiple CAD systems, thus allowing users to manage different CAD programs in different departments using the same system.
- Designed to support multi-site systems, FJPLEMIA/Concurrent Design Manager enables design to be coordinated across different sites.
- Develop add-ons using the API to achieve easy coordination with upstream and downstream systems.
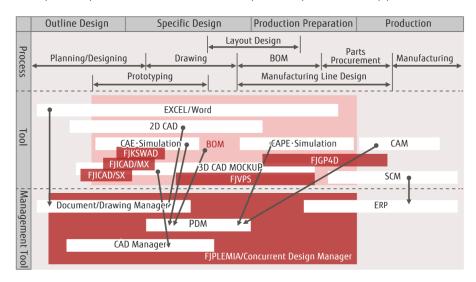- One can start out small and then gradually expand the system to achieve large-scale management.

Simple and instinctive GUI

Multi-Site Cooperation Design

CAD-A

DB

DB

DB

CAD-B

Digital Mockup & Simulation

Why Fujitsu?

- Fujitsu is a manufacturer that designs and manufactures products on its own, including supercomputers, servers, telecommunications equipment, and mobile devices. Based on its experience in manufacturing, Fujitsu provides PLM package software solutions.
  - · CAD: FJICAD/SX and FJICAD/MX
  - · MOCKUP: FJVPS
  - · PDM: FJPLEMIA/Concurrent Design Manager
  - · Virtual Product Line Simulator: FJGP4D
- Based on 30 years of experience in the industry, Fujitsu provides package software that caters to customers' needs.
- By developing its own package software, Fujitsu maintains high product quality to meet customers' needs.
- Fujitsu is capable of providing customers with a full range of services, including hardware (e.g., PCs and servers) as well as networks, telecommunications equipment, and software.
- As an SI vendor, Fujitsu has helped many customers construct business operation systems for many years.

Case Study

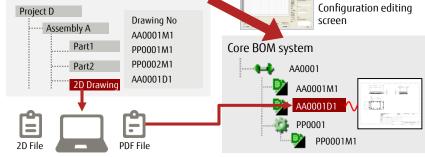| User company	Usage and characteristics
Fujitsu Ltd.	Used at 10 branches in Japan in coordination with company BOM systems (configuration information)
Konica Minolta Inc.	Used at 2 branches in Japan and 1 branch in China in coordination with company BOM systems (configuration information)
Cateye Co., Ltd.	Used at 1 branch in Japan Data delivery to production through the P/S Editor option (simple assembly configuration list)
Fujitsu Ten Ltd. (Automotive supplier)	Used at 2 branches in Japan and 1 branch in China The company plans to expand the system to its overseas branches (in Southeast Asia)
Precision instrument company C	Used at 2 branches in Japan and 1 branch in China in coordination with existing BOM systems (generation of drawing frames, TIFF conversion, etc.)
Machine manufacturing company M	Used at 2 branches in Japan and 1 branch in South Korea in coordination with company BOM systems (configuration information)

Example: Fujitsu Ltd.

Goals

- Centralized management of design assets across multiple business sites
- Centralized management of data from multiple types of CAD software
- Coordination with the core BOM system

Results

- Promotion of coordinated design and improvement in work efficiency
- Immediate retrieval of information and reduction in the number of maintenance man-hours
- Company-wide information sharing and improvement in work efficiency

Retrieving configuration tree information from FJPLEMIA/Concurrent Design Manager data; editing the information using a BOM editing tool and then registering it in the core BOM system

FUJITSU Manufacturing Industry Solution FJPLEMIA/Concurrent Design Manager

Modules

Client Options
FJPLEMIA/Concurrent Design Manager Clientcore

Server Options

FJPLEMIA/Concurrent Design Manager Server

(Note)
A server license is required to run ClientCore, Client Options, or Server Options.
A ClientCore license is required to run Client Options.

* integration for ;
FJICAD/SX, FJICAD/MX, FJVPS, XVL, STL and so on.
For more information, please contact us.

System Requirements

Operating system requirements and other information

FJPLEMIA/Concurrent Design Manager		
Application Server Database Server Bulk Server License Server	OS	Microsoft Windows Server 2012R2, Microsoft Windows Server 2008R2
	CPU	Intel Xeon 2 GHz or higher
	Memory	4GB and more
Database*		Oracle 12c, Oracle 11g
Hard disk capacity		36GB and more recommended

Client**	OS	Microsoft Windows 7 SP1, Windows 8
	CPU	Intel Core 2.0GHz or higher
	Memory	2GB and more
Hard disk capacity**		20GB and more recommended

* Database Server
** Check your CAD system's product requirement as prior condition

- Add-on Program Development Environment：Microsoft Windows 7 SP1, Windows 8
Microsoft Visual Studio 2005 or later

- OS and hardware requirements will be updated in the future.