

Integrated Software *ThetisPro* for the Engineering Enterprise

To maintain product quality, timely delivery and low cost, your company must operate as a unified organism. Designed specifically for engineering-intensive firms, *ThetisPro* links and synchronizes interrelated workflows throughout the product lifecycle and across the extended enterprise. See how any change directly impacts your internal departments, as well as suppliers, customers – and your bottom line.

ThetisPro. For a unified enterprise.

You're in the business of building engineering-intensive products, such as computer hardware, communication equipment, or medical devices. As technology and markets evolve, you face the problem of simultaneously managing quality, delivery and cost. The only way to address this challenge is to unify engineering and operation workflows and link them to both your supplier and customer-facing processes.

Manage change to your advantage.

ThetisPro delivers a proven, industry-optimized solution. With ThetisPro you'll instantly see the ramifications of any planned change across your extended enterprise. Then set the change in motion.

Affordable and easy to implement.

ThetisPro supports the entire product life cycle – from first design to mass production. And, since ThetisPro is truly Web-centric and based on Microsoft's latest business computing platform, it can be implemented in your company in days – not weeks or months – at a fraction of the cost of traditional top-tier enterprise automation systems.

ThetisPro Highlights

- Provides unified PLM and ERP capabilities, optimized for your industry
- Instantly displays the impact of engineering changes on inventory, contract manufacturers, suppliers, and customers
- Facilitates comprehensive quality management
- Manages rule-based workflows across your extended enterprise
- Supports a globally distributed business model
- Links to popular E-CAD tools
- Integrates tightly with leading financial packages
- True Web-centric architecture means no user-side software
- Can be implemented in just days



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ThetisPro Key Features and Functions

Industry-optimized Bill of Material (BOM)

- Manages in parallel different BOMs for each revision of each part
- Manages Reference-Designator relationships
- Derives BOMs from E-CAD designs
- Supports multiple effective dates
- Supports configured BOMs

Automated Engineering Change Management (ECO)

- Generates ECOs directly from E-CAD designs
- Instantly calculates enterprise-wide cost and inventory ramifications
- Identifies customer and supply chain implications
- Automatically updates ERP and PLM parameters and customer profiles
- Facilitates a rules-based approval process that includes suppliers, customers and contract manufacturers

Comprehensive Quality Assurance

- Provides full traceability by tracking components from the warehouse (by lot number), through production, to installed products (by serial number)
- Automatic acceptance/rejection (MRB) process, integrated with component information and procurement data
- Supports military standard acceptance testing (sampling), based on supplier history.

Materials Requirement Planning and Shop Floor Control

- Ties manufacturing work orders to revisions, serial numbers, and lot numbers
- Offers intuitive industry-specific graphical user interface
- Utilizes advanced MRP, MPS, and Action-Messages algorithm
- Calculates part requirements status in real time

Integrated Procurement System

- Provides integrated Component/Vendor Information System
- Enacts rules-based purchase order approval workflow
- Supports both MRP requisitions and non-MRP requests
- Supports multi company/division/currency operations

Warehouse Floor Control

- Tracks part numbers by component and receiving dates
- Supports multiple sites

Logistics

- Generates shipping documentation automatically (packing list, invoice and proforma invoice) linked to the financial system
- Calculates and manages logistics parameters of shipments

Customer Information System

- Track warranties and Return Material Authorizations (RMA)
- Administers sales contracts
- Provides prospect and customer profiles and contact information

Document Management

- Attaches documents to parts, components, ECOs, purchase orders, sales orders and other objects
- Enables storage and management of multiple document types

To learn more about ThetisPro or for a live demonstration, call now.

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