What's new in Camstar Enterprise Platform V7 SU8

SIEMENS
Ingenuity for life

Delivering more robust out-of-the-box capabilities for manufacturers to improve productivity and efficiency

Benefits

- Enhanced capabilities for discrete assembly operations and processes
- Enhanced operator login tracking
- Enhanced operator training and supervisory override
- Expanded internationalization
- Expanded technology support

Summary

The Camstar™ Enterprise Platform is the foundation for top-tier global manufacturers and product innovators to enable rapid change, lean manufacturing, consistent quality output, rapid NPI and higher profit margins. Integrated with enterprise resource planning (ERP), product lifecycle management (PLM), supply chain management (SCM), customer relationship management (CRM) and the shop floor, Camstar Enterprise Platform completes the technology infrastructure for manufacturing. Solutions are architected for global use enabling worldwide visibility for real-time control and mission-critical operations.

Camstar™ Semiconductor Suite for semiconductor manufacturing is a comprehensive manufacturing execution system (MES) that enables both wafer fabrication factories and assembly and test factories to meet traceability requirements, control production and integrate the shop floor into their ERP system and extended enterprise. Camstar Semiconductor Suite addresses your needs on a configurable, scalable and modular platform for semiconductor production.

Features

Camstar manufacturing

- Kitting
  - *Pre-allocate components to a kit and issue it to an operation, manufacturing order or container*
  - *Can enforce that only kitted materials are consumed in an assembly process*

- Record last login
  - *Record last login of each user*
  - *Historical record of logins recorded in the modeling audit trail*

- Operator training and certification
  - *Enhanced ability to have an electronic signature override for training record execution*
  - *Supports in-training operator execution with supervisor override*

- Overall equipment effectiveness (OEE)
  - *Provides an OEE details dashboard that includes OEE key performance indicators (KPIs), overall downtime distribution, downtime reasons, scrap and rework quantities*

- Enhanced internationalization
  - *Introduce Chinese online help*
  - *Introduce Japanese user interface (UI) labels*

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Camstar Interoperability
- Enhanced internationalization
  - *Introduce Chinese online help*
  - *Introduce Japanese UI labels*
- Addressing open problem reports

Camstar Semiconductor Suite
- Enhanced internationalization
  - *Introduce Chinese online help*
  - *Introduce Japanese UI labels*

Additional enhancements
- Updated operational datastore reference guide documentation
- Operational datastore enhancement to simplify the "verify host" functionality
  - *Available for both Oracle and SQL Server*

- Updated installation documentation and checklist
- Updated Visual C++ 2013 redistributable included in installer to 12.0.40660.0

Additional technology support
- Chrome 71+
- VMWare vSphere 6.7 U1

Kitting
- Allocate and deallocate materials to and from a kit
- Usage rules for adding materials from inventory to a kit
  - *First expired, first out (FEFO)*
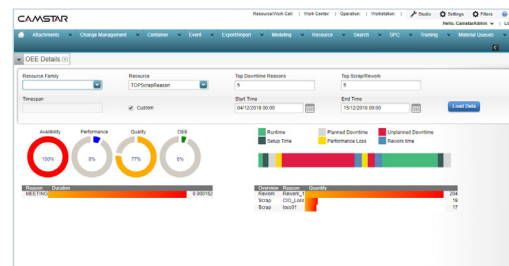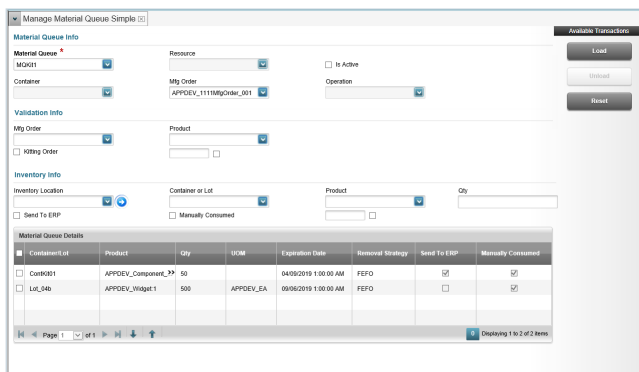 - *First in, first out (FIFO)*
  - *Last in, first out (LIFO)*

- Supports multi-step component issue
- Can consume materials from a kit automatically or manually

Record last login
- Automatically records when an operator logs into the application
- Stores last login on employee modeling page
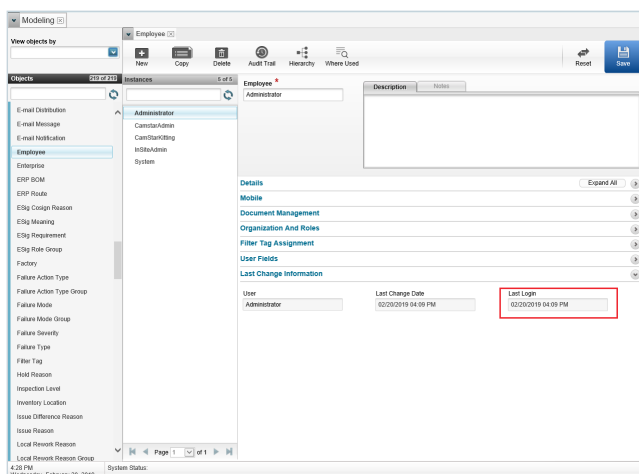- Shows login history on employee modeling audit trail

OEE details dashboard
- Additional OEE details dashboard
- Includes key additional equipment information such as overall downtime distribution, downtime reasons, scrap and rework quantities

Kitting

OEE details dashboard

Record last login

Siemens PLM Software
www.siemens.com/plm

Americas	+1 314 264 8499
Europe	+44 (0) 1276 413200
Asia-Pacific	+852 2230 3333