

What's new in Siemens Opcenter Execution Semiconductor 8.0

Enhancing the user experience, ease of use and operator productivity

Benefits

- Improve efficiency, ease of use and operator productivity
- Enhance user experience
- Provide more responsive framework
- Deliver mobile-ready user interface
- Provide touch capability
- Expand internationalization

Summary

Siemens Opcenter™ Execution Semiconductor (formerly known as Camstar™ Semiconductor suite) is a comprehensive manufacturing execution system (MES) that enables both wafer fabrication factories and assembly and test sites to meet traceability requirements, control production and integrate the shop floor into their enterprise resource planning (ERP) system and extended enterprise. Siemens

Opcenter Execution Semiconductor addresses your needs on a configurable, scalable and modular platform for production.

This release provides an enhanced user experience, a mobile ready user interface and better touch capabilities, which makes Siemens Opcenter Execution Semiconductor highly efficient and easier to use while improving operator productivity.

Features

Rebranding and renumbering

Camstar rebranding and updated version numbering begins with this release, shifting to a major.minor release numbering convention:

- Camstar Enterprise Platform → Siemens Opcenter Execution Core
- Camstar Semiconductor Suite → Siemens Opcenter Execution Semiconductor

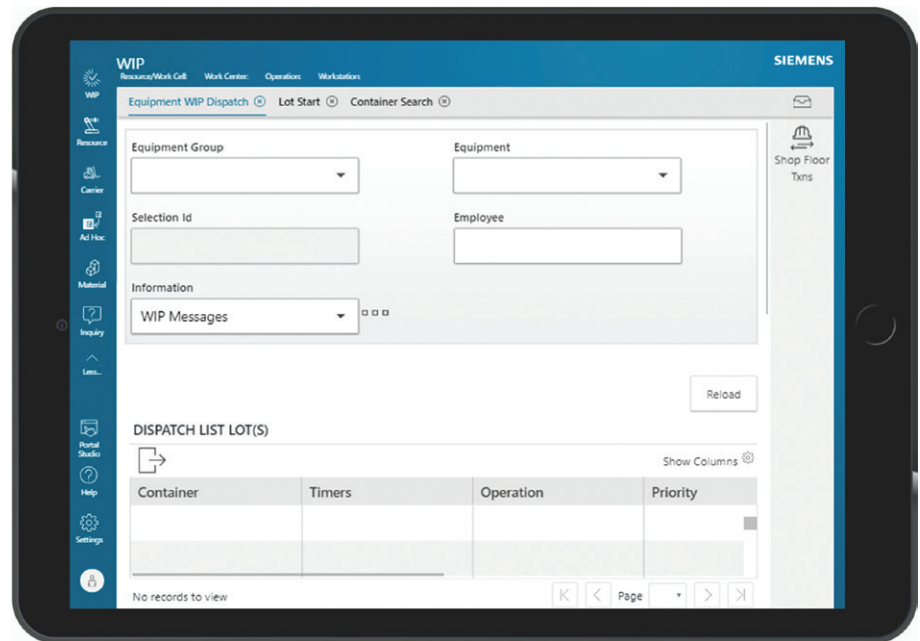
The screenshot displays the 'CURRENT STATUS SEARCH RESULTS' interface. On the left, there is a 'Filters' panel with sections for 'General', 'Workflow', and 'Status'. The 'Status' section includes dropdown menus for 'Status' (set to 'Active'), 'On Hold', 'Hold Reason', 'In Rework', and 'Rework Reason'. A 'Search' button is at the bottom of the filters. The main area shows a table of search results with columns: Unit / Lot, Container..., In Process, Mfg Or..., Operat..., Product, and Product Desc... The table contains 10 rows of data, including items like 'Component01-001', 'Container_APPDEV_1...', 'CuffAssy01-001', and 'Production Event Test 1'. A 'Show Columns' icon is visible in the top right of the table area. On the far right, there is a vertical toolbar with icons for 'Unit / Lot Status', 'Attributes', 'Workflow', 'Attach Document', 'Documents', 'Mfg Audit Trail', and 'Shopfloor Tests'. At the bottom of the table, it says 'Showing 1 to 20 of 23 entries - 1 item(s) selected'.

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- Example: version 8 → version 8.0
- Example: version 8 software update 1 → version 8.1

User experience

- New responsive framework
- Redesigned user experience (UX), including static command bar, optimized user interaction as well as bigger fonts and controls to be more touch friendly
- Dynamically adapts page layout based on device, resolution and orientation (landscape versus portrait)
- Larger fonts and controls improve touch capabilities and readability
- Aligns UX across Siemens manufacturing operations management (MOM) products
- Supports running application on a mobile device
- Supports running V6/V7 pages in classic mode



Internationalization enhancements

- Introduce Spanish (Mexico) user interface (UI) labels

Additional enhancements

- Refactored scale integration and scheduling integration to leverage manufacturing interoperability (MIO)

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