

The Siemens logo is displayed in a bold, teal, sans-serif font.

*Ingenuity for life*

A photograph of two surgeons in blue scrubs and masks, working in an operating room. The scene is overlaid with digital wireframe models of mechanical parts and glowing yellow and blue lines, suggesting a high-tech, data-driven surgical environment.

# What's new in Siemens Opcenter Execution Medical Device and Diagnostics 8.1

## Expanding capabilities of responsive framework, enhanced security and technology

### Benefits

- Enhances user experience and provides responsive framework
- Delivers enhanced security and access control
- Provides expanded internationalization
- Delivers expanded technology support

### Summary

Siemens Opcenter™ Execution Medical Device and Diagnostics software serves as the foundation for leading global manufacturers and product innovators who want to enable rapid change, lean manufacturing, consistent quality output, rapid new product introduction (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,

Siemens Opcenter Execution Medical Device and Diagnostics completes the technology infrastructure for manufacturing. Solutions are architected for global use, enabling worldwide visibility for real-time control and mission-critical operations.

Siemens Opcenter Execution Medical Device and Diagnostics 8.1 delivers powerful new enhancements and features to improve the application's usability and security. The enhanced user experience and responsive framework improves an already modern, efficient and intuitive user experience that makes it easier for operators to interact with the application. Key security enhancements, such as preventing denial of service attacks during login, provide an even higher level of security for the application. Our expanded internationalization library allows users whose native language is Korean to easily use the application, with online help readily available in German and Chinese. Finally, our expanded set of supported technologies offers access to the most up-to-date technologies and provides a broader set of technologies to choose from.

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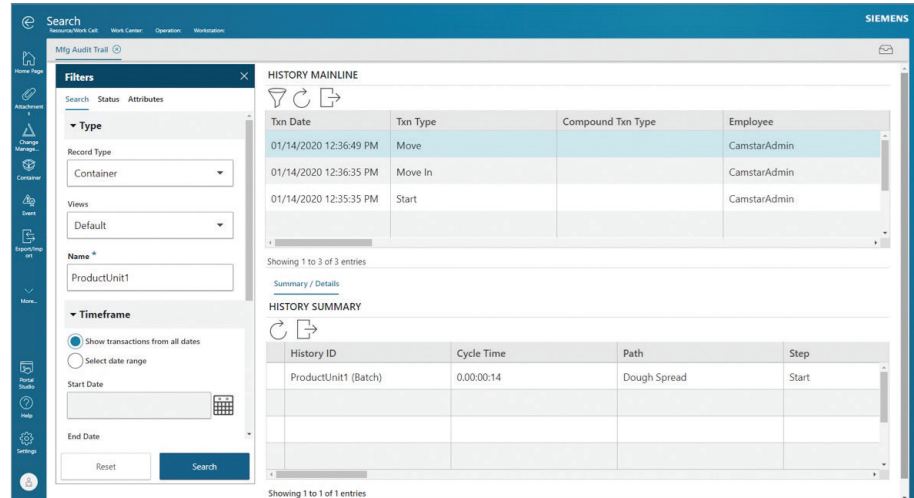
## Capabilities

### User experience

- Improves the application's responsive behavior
- Refactors key screens, such as the Manufacturing Audit Trail and Resource Audit Trail, to improve their responsive behavior on multiple devices

### Security enhancements

- Increases security to prevent denial of service attacks due to long/invalid passwords at login
- Implements enhancements to prevent Internet Information Services (IIS) tilde enumeration from identifying files
- Implements secure flag on cookies used with the application to prevent access to session ID and other information
- Limits the user's ability to access files and folders by implementing a path traversal attack via URL manipulation
- Replaces all Rivest Cipher 4 (RC4) ciphers with up-to-date cipher suite
- Applies encryption to the view state



### Internationalization enhancements

- Introduces Korean user interface (UI) labels
- Introduces German online help
- Introduces Chinese online help

### Additional enhancements

- Introduces new Siemens Opcenter reporting control within the portal
- Provides ability to enable/disable services from Management Studio

### Technology enhancements

- iOS 13.3+ / Safari support
- Chrome 78+
- BO 4.2 SP7
- Crystal Reports 2016 SP7
- Windows Server 2016 / SQL Server 2016 support
- Data Direct Oracle ODBC driver 8.00.02.2258

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