



DIGITAL INDUSTRIES SOFTWARE

What's new in Opcenter Research Development and Laboratory version 2204

Gain enhanced usability, multidimensional scheduling and extended cloud capabilities

Benefits

- Gain enhanced usability, seamless integration with Opcenter APS for scheduling and extended cloud capabilities with Xcelerator Share
- Rapidly exchange product data with partners
- Reduce administrative tasks and errors
- Maintain product quality and compliance
- Reduce costs in new product development and introduction
- Standardize intellectual property throughout the company

Summary

Opcenter™ Research Development and Laboratory (RD&L) software is a new platform that embeds all key functionalities for laboratory information management systems (LIMS), electronic lab notebooks (ELN), product development (formulation) and specification management. It provides lightweight client applications to the user, using web technology and HTML5. This release focuses on a long list of features enhancing laboratory, specification and formulation modules. Opcenter is a part of the Xcelerator portfolio, the comprehensive and integrated portfolio of software and services from Siemens Digital Industries Software.

Version 2204 stands for the April (04) release of the year 2022. 2204 is the 9.2 planned release and the next release will be 2210 (in October). The new versioning (YYMM) will be used across all manufacturing operations management

(MOM) products. 2204 is a major Opcenter RD&L version like others in the past (9.0, 9.1).

Capabilities

Improvements in Opcenter RD&L version 2204 include:

- General
 - Extended export to Excel functionality
 - Additional configurability of open request class wizard
 - Capability to configure the layout in the assign request dialog
 - Extension of object short description to 40 characters
 - Multi-select capabilities in select dialog
 - Homepage shortcuts for creation wizards
- Laboratory
 - Capability to protect parameter result to be manually filled out
 - Extensions and improvements of equipment management
 - Support of bankers rounding formatting rules
- Specification management
 - Extension to parameter profile specification grid (PPSG) calculation enabling manually assigned parameters

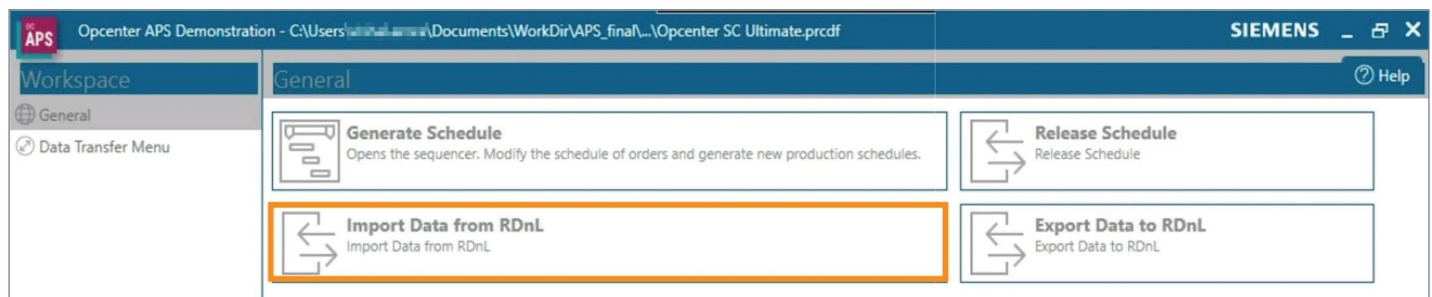
- New elements available for specification list layout – material properties and attributes
- Operational layout definition for formula workbench (FWB)
- Support of multiple units of measure in FWB
- Integration and prerequisites
 - Migration to .NET Core
 - Integration with Frontline Solver® for formula optimization
 - Integration with Opcenter Advanced Planning and Scheduling (APS) for detailed scheduling purposes
 - Integration with Xcelerator share

Learn more about the complete list of enhancements and features with the software release notes.

Integration with Opcenter APS

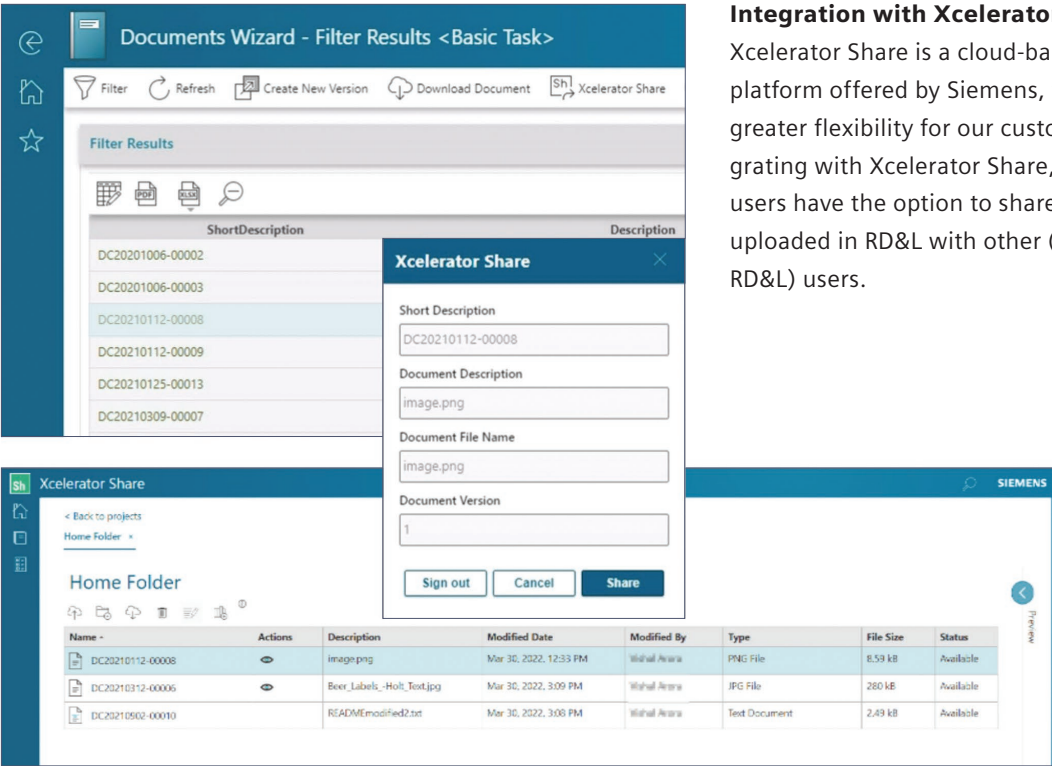
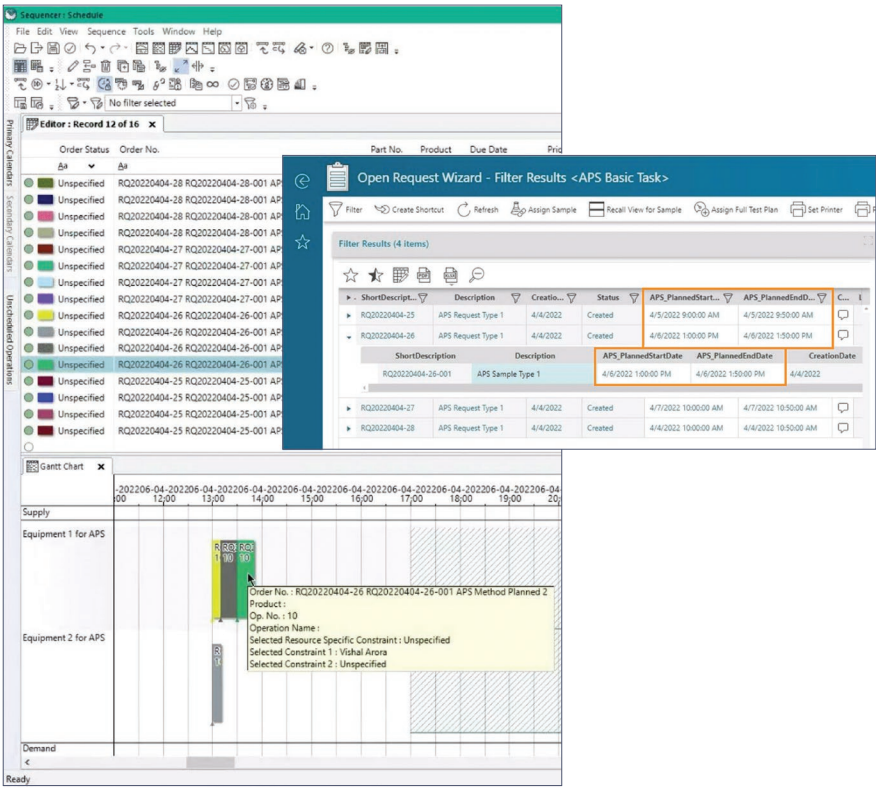
Testing and verification

Opcenter RD&L provides great value when it comes to organizing the execution of tests on prototypes during research and development (R&D). Companies must optimize the use of multiple test facilities and expensive equipment. By having a bidirectional integration, Opcenter RD&L version 2204 and Opcenter APS 2204 work seamlessly together in assigning and scheduling different tests to be executed.



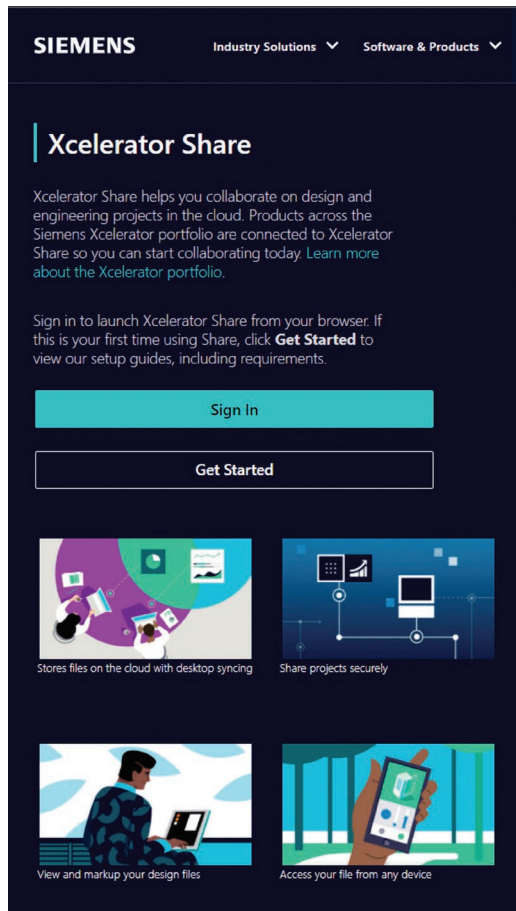
Multidimensional scheduling

Establishing premium product quality is only possible if the testing process is managed efficiently and transparently. Opcenter APS brings that additional value on top of Opcenter Laboratory by assigning the different tests to be executed over different labs to the correct equipment, considering the availability of skilled resources. This drastically reduces lab throughput times and optimizes the use of expensive testing equipment.



Integration with Xcelerator Share

Xcelerator Share is a cloud-based sharing platform offered by Siemens, which provides greater flexibility for our customers. By integrating with Xcelerator Share, Opcenter RD&L users have the option to share documents uploaded in RD&L with other (not necessarily RD&L) users.



Access to Xcelerator Share comes with the new hybrid software-as-a-service (SaaS) license type that will become the new standard for Opcenter RD&L deployments. Still, the share functionality can be considered as optional. Furthermore, access to the Xcelerator Share can be managed by the administrator through functional access rights for each user.

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