

Software Release Announcement

OFM 21.1

July 1, 2021

Sensia OFM® well and reservoir analysis software is a powerful tool designed for the day-to-day surveillance and management of oil and gas fields. It provides a cost-effective, integrated environment in which to accomplish complex workflows, build forecasting analyses, and generate visualizations of reservoir and production data. It allows engineers to manage more wells in less time and efficiently optimize the production performance of an entire asset.

Release Details

OFM 21.1 is a full-install release and supersedes all previous versions. It is available both as a 32-bit and 64-bit application. Please refer to the *Installation Guide* for installation requirements.

OFM 21.1 introduces a new Forecast Manager module with auto forecasting capabilities, as well as enhancements to core modules (DCA, CDF, Mapping and Reporting), for better user experience and flexibility. Performance improvements include an upgrade for saving forecasts to SQL servers and for opening projects with very large well counts. New features and key enhancements are highlighted below.

Performance Improvements

Performance improvements include

- upgrades for saving forecasts to SQL servers
- upgrades to the process of loading projects with large well counts (initial data loading and opening of the base map)

New and Enhanced Features

OFM 21.1 offers new functionality and enhanced features in several modules.

- **New Forecast Manager with three options for managing production forecasts:**
 - **Display Saved Forecasts**
Enables users to view a table with key information for saved forecasts, such as forecast parameters, start time, end time, reserves and EURs
 - **Run Auto Forecast**
Enables batch forecasting of multiple completions or entities
 - **Update End Rate/Ratio (“Economic Limit”)**
Provides an option to update the forecast End Rate and/or End Ratio only, while all other forecast parameters are held constant. This allows the users to quickly evaluate the impact of a new “Economic Limit” on reserves and EURs.
- **Forecast Module**
 - Added flexibility in Decline Curve Analysis (DCA) filtering and datapoint selection
 - Switch Rate Date “drop line” available on DCA charts and forecast tables
- **CDF Module**
 - Display fit curves on the CDF chart
 - Display Pvalue location with a drop line on the CDF chart
- **Reporting and Mapping**
 - New index feature that improves plotting and reporting of non-date dependent data
 - Update of the color scale range for variables in bounded maps (for pattern-level data)

Licensing Information

Current 2021 licenses are valid for the OFM 21.1 release, with active maintenance. Please contact Customer Support or your local sales representative for help with licensing.

Software Download Information

OFM 21.1 is available for download from the Software Download Center:
www.software.slb.com/support/software-download-center

Technical Support & Contact Details

You can reach us via the Support Portal and Customer Care Center email:

Support Portal: www.software.slb.com/support/product

Support Contact Details: www.software.slb.com/support/contact-details

Customer Care Center email: customercarecenter@slb.com

Find more information about Sensia and the OFM software here:

Sensia Home Page: www.sensiaglobal.com/

Sensia Digital Solutions: www.sensiaglobal.com/Sensia-Digital-Solutions

Sensia Sales and Other Inquires: www.sensiaglobal.com/Contact