

Release Notes

The following features, improvements, and corrections are included in this major release of SROD™ Version 9.0.0, September 2024.

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SROD's version can be displayed by clicking **Help > About**.

Enhancements

- New function to intelligently tune multiple designs, the **Multi-Case Generation Wizard**:
 - **Find Optimal Case-Parameters**: Automatically identifies the best-case criteria for optimal production and operating conditions.
 - **Design Output Filter Criteria**: User sets output design criteria to display only cases that match such criteria.
 - **Advanced Sorting Function**: Allows users to sort "passing cases" to highlight user preferred design cases.
 - **Export Functions**: Export output to Excel, either as a new file or into the active input file.
 - **Optimize time required to review multiple design options**: Quickly and efficiently finds the best design case(s) among possibly thousands of design options.
- New tool displays active SROD network license users.
- The end user license agreement is now accessible in the Help menu and during SROD installation.
- Automated function to check for online SROD software updates.
- Database modifications:
 - Added LUFKIN Rods ES.
 - Updated the LUFKIN Rods Tensile Coefficient to 1/2.8, Min Stress Coefficient to 0.375 and the 0.625 rod's weight to 1.135lbs/ft.
 - Added Black Mamba guides.
 - Marked "EXCEED API C", "EXCEED API K", "EXCEED EH9", "Exceed EH6" and "Exceed EH7" rods as discontinued.
 - Added Liberty Lift Solutions CBal data, CR002 and CR011 cranks.

Updates

- Larger, color icons improve the user interface and overall user experience.
- Enhanced export format for Case-Comparison reports to Excel.

System Requirements

The following system requirements (hardware and software) are recommended for running SROD™ Version 9.0.0:

- 4 Core Intel® Xeon® E51603, 2.80 GHz equivalent or above
- 4 GB RAM or above
- 1 GB 3D video card or better
- Resolution of 1280 X 768 or higher (1600 X 1024 recommended), dpi small fonts for better visual effects. Using Windows "Scale and Layout" = 100%
- Microsoft .NET Framework 4.5.1 or later

Installation Instructions

Refer to the SROD Installation Guide, section **Installation Instructions** for more details.

For any technical issues, contact SROD Technical Support at srod.technical.support@lufkin.com