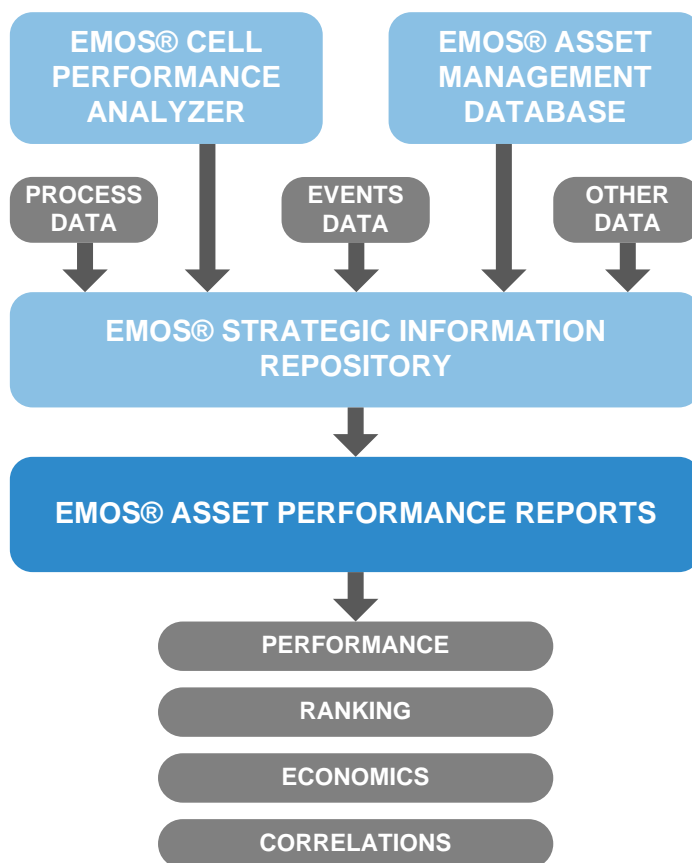


EMOS® ASSET PERFORMANCE REPORTS

Performance Based Predictive Maintenance

Key Features

- Observe the Effects of Asset Characteristics on Performance
- Monitor Asset Performance by Age and Production
- Calculate the Potential Savings of Replacing Specific Assets
- Rank Assets by Potential Savings
- Trend Current Efficiencies, Specific Power Consumptions, and Normalized Voltages by Asset
- Generate Predictive Maintenance Plans
- Compare Asset Type Performances
- Correlate Asset, Process, Events and Cell Performance Data



Overview

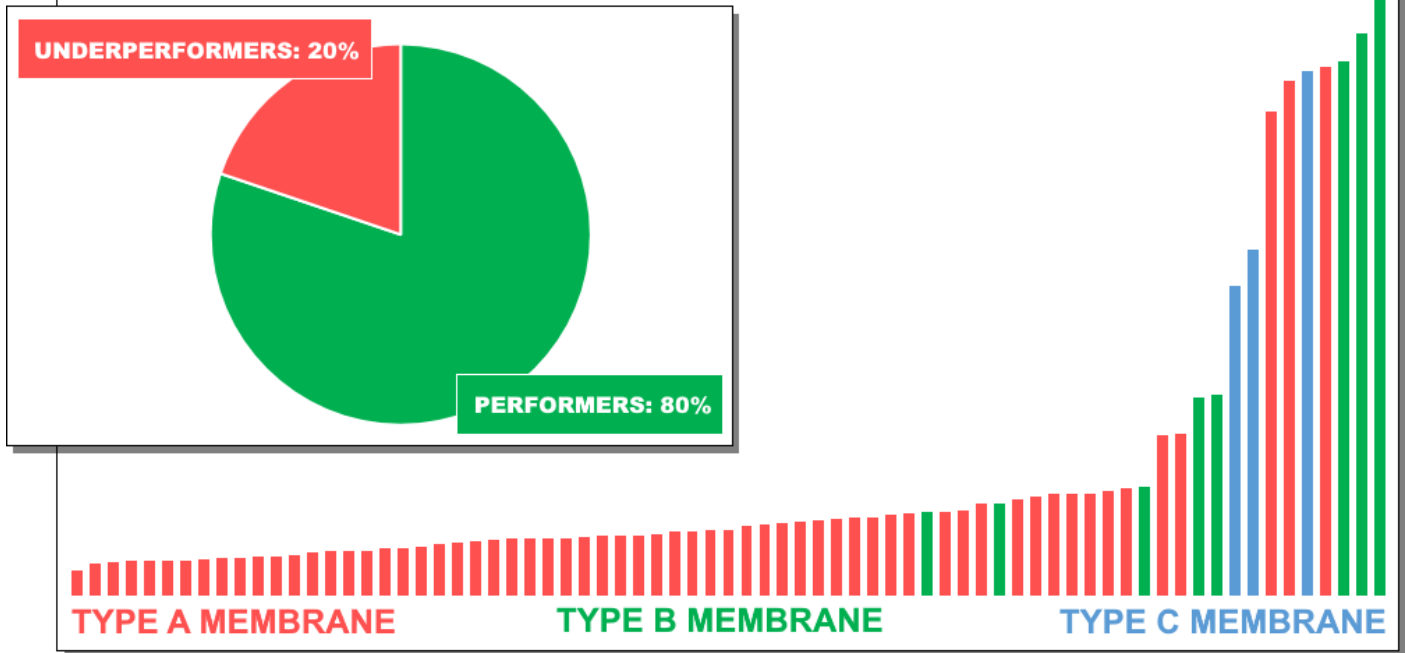
A key product in the EMOS® Predictive Maintenance Package, the EMOS® Asset Performance Reports offers advanced analytical functions using data from both EMOS® Asset Management Database and EMOS® Cell Performance Analyzer.

The EMOS® Asset Performance Reports is a decision making tool, providing customizable analysis and reporting capabilities that correlate equipment type with actual performance. It can help in the development of long-term proactive maintenance strategies.

This powerful tool allows the user to track the economic performance of individual cells and cell components (coatings and membranes) in order to determine the optimal replacement or maintenance time.

The user can sort, group and filter information for a large variety of reports based on a wide selection of criteria, such as: plant, electrolyzer, cell, anode, cathode, membrane type, production performance, temperature, date range, installation date, and more. Reports can be displayed in a chosen style (bar, graph, etc.).

MEMBRANES ORDERED BY POTENTIAL SAVINGS



Example of criteria that can be displayed using EMOS® Asset Performance Reports

System Requirements

System Requirements	
Operating System	Windows 7 pro 64-bit/ Windows Server 2008 64-bit Or Higher
CPU	Intel i5 minimum, i7 recommended (3GHz or faster)
RAM	8 GB minimum, 16 GB recommended
HDD	250 GB minimum, 500GB SSD recommended
Screen Resolution	1920 x 1080 (or better)

Additional Requirements	
Network	1 GB/s LAN Access for multi-user configurations
Data Ports	USB Port for use of media storage devices
Other Software	Spreadsheet program (Microsoft Excel or other) capable of reading .xlsx files

Required Products

Part Number	Description
SW310	EMOS® Asset Management Database
EN505	EMOS® Cell Performance Analyzer (set-up)
EN506	EMOS® Cell Performance Analyzer (annual service)

Ordering Information

Part Number	Description
SWPER	EMOS® Asset Performance Reports

Additional Information

EMOS® Asset Performance Reports is part of R2's Predictive Maintenance Package, an extension of the EMOS® Safety System. Contact us for more information.

