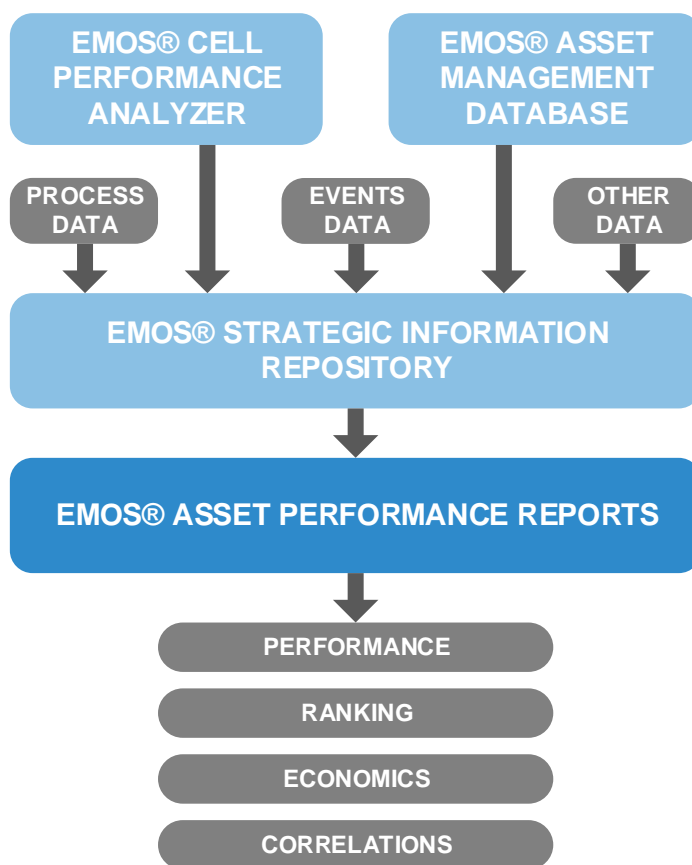


# EMOS® ASSET PERFORMANCE REPORTS

## 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

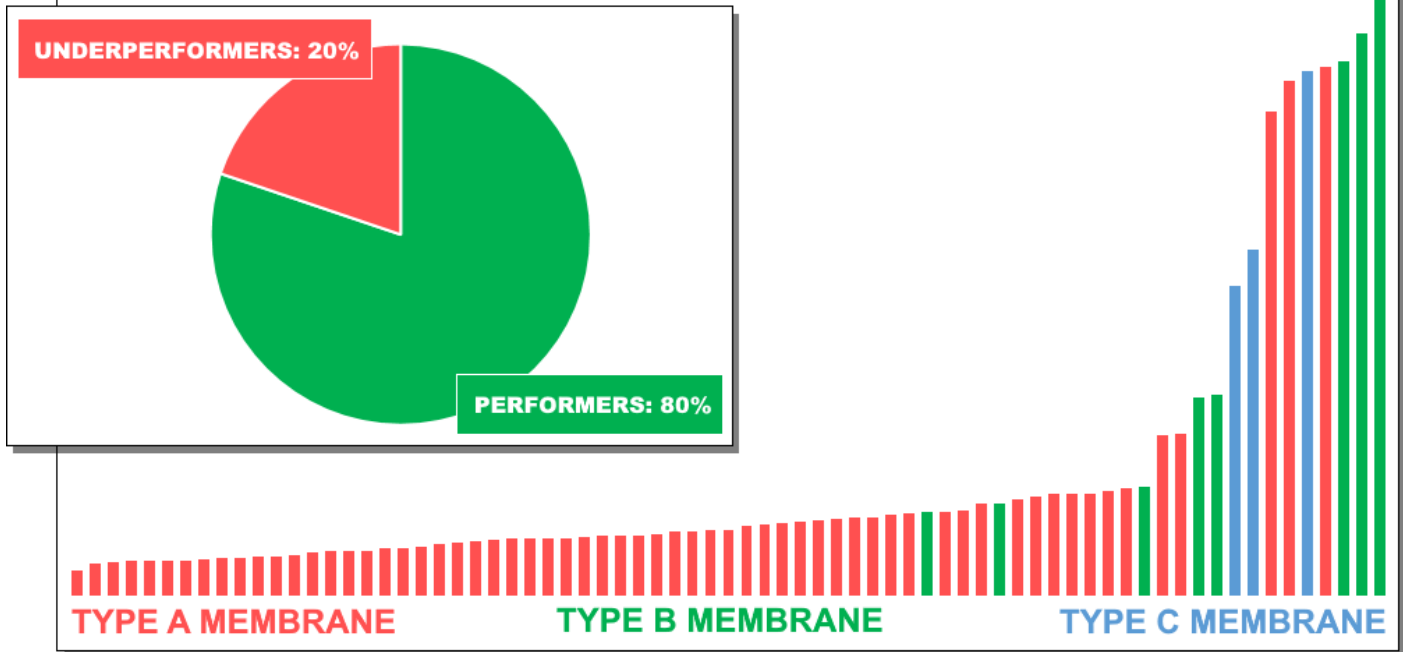
A key product in the EMOS® Predictive Maintenance Package, the EMOS® Asset Performance Reports offers advanced analytical functions using data from both EMOS® Asset Management Database and EMOS® Cell Performance Analyzer.

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.

