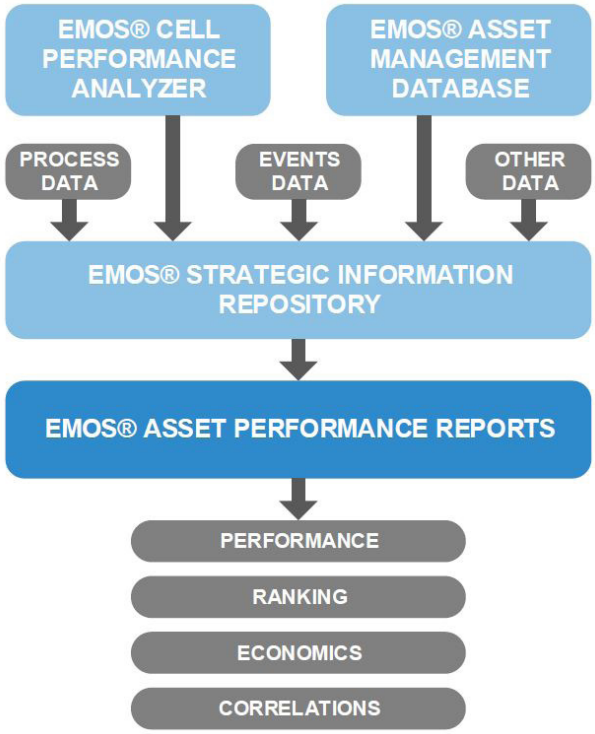
EMOS® ASSET PERFORMANCE REPORTS

PERFORMANCE BASED PREDICTIVE MAINTENANCE



OVERVIEW

FEATURES	BENEFITS
Trend KPI values by asset or position	Observe the effects of asset characteristics on performance
Customizable savings reports	Calculate the potential savings of replacing specific components
Trend component performance based on production	Compare the production of different component types
Multiple color-coded visualizations, including: bar, trend, and pie charts	Correlate process data with KPI, components, and events

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.).

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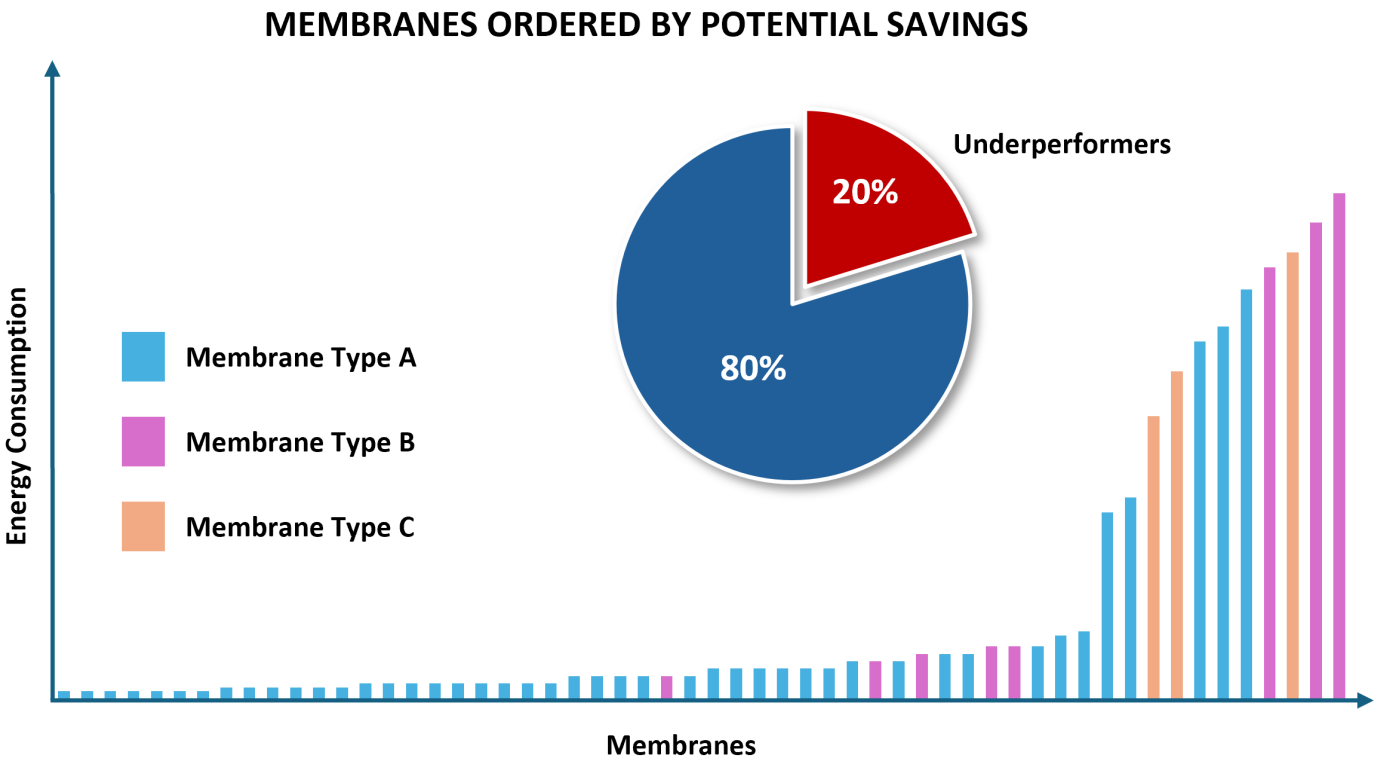

SYSTEM REQUIREMENTS

APR Desktop client	
Operating System	Microsoft Windows 7, Windows 10 and Windows 11, 64-bit
CPU	Intel® Core i5 6th generation (or an equivalent AMD processor) or above
RAM	16 GB
Hard Drive	500 GB SSD (Solid State Drive) 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 .xls x files

ORDERING INFORMATION

Part Number	Description
SWPER	EMOS® Asset Performance Reports

REQUIRED PRODUCTS

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

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.*

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