

# EMOS® VIEW

## An Eye on Everything

### HIGHLIGHTS

- Web based HMI for the EMOS® Safety System and its related tools such as: EMOS® SIL2 Safety System, Pinhole Detector, Single Cell Temperature Evaluator and the Early Detection Engine

- Real-time plant data monitoring
- Real-time alarms and events
- Historical data analysis view
- Historical alarm analysis view

### FEATURES

- Status always visible with drill-down navigation
- Easy hierarchical navigation from the plant to the cell properties
- Plant overview
- Electrolyser view
- Configurable voltage trends (last 8, 12, 24 hours)
- Cell properties value trends (last 8, 12, 24 hour configurable)
- Real-time KPI monitoring
- Easy print
- Easy Excel snapshot
- Advanced alarm analysis: see all tags that had contributed to the alarm event



## Overview

*Especially designed for the chlor-alkali and chlorate industry, EMOS® View is the Application designed to monitor, manage and display process data obtained from the EMOS® SIL2 Safety System and its related tools such as the Pinhole Detector, Single Cell Temperature Evaluator or the Early Detection Engine. The convenient graphical interface is simple to read. Real-time events are easily identified, giving the operators the opportunity to react and adjust operations as needed.*

*Using these tools can help protect against :*

- Anode coating loss
- Cathode coating loss
- Electrode passivation
- Membrane poisoning
- Insufficient electrolyte feed
- Cell temperature control failure
- Electrolyte concentration control failure
- Differential pressure out of range
- Cell leakage



EMOS® Monitoring

## System Requirements

System Requirements – EMOS® Server	
Operating System:	Windows Server 2012 or 2016, Standard Edition, 64bit
CPU:	Xeon processor (minimum)
RAM:	16 GB (minimum)
Hard Disk Space:	(2) 1TB Hard Drives mounted in RAID-1
--	DVD RW
--	(4) 100/1000 Network Ports

System Requirements – EMOS® Client	
Operating System:	Windows 7 Pro, 64 bit Windows 10 Pro, 64 bit
CPU:	Intel i5 (minimum)
RAM:	8 GB (minimum)
Hard Disk Space:	(1) 500GB Hard Drives
--	DVD RW
--	(2) 100/1000 Network Ports
--	Screen resolution of 1920 x 1080 (or better)

## Available Expansion Modules

Part Number	Description
SW701	EMOS® Pinhole Detector
SW501	EMOS® Early Detection Engine
SWTEM	EMOS® Single Cell Temperature Evaluator

## Ordering Information

Part Number	Description
SWSTD	EMOS® Safety Software Package (includes EMOS® Monitoring w/ EMOS® View HMI)
SP011	EMOS® Monitoring additional license
SWUSV	EMOS® View additional user

\* R2 will pre-configure the EMOS Monitoring layout according to customer requirements.

## Additional Information

EMOS® Monitoring is part of R2's Safety Software Package. Contact us for more information.