



# EMOS® VIEW

AN EYE ON EVERYTHING

## 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



HIGHLIGHTS	FEATURES
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	Status always visible with drill-down navigation
Real-time plant data monitoring	Easy hierarchical navigation from the plant to the cell properties
Real-time alarms and events	Plant overview
Historical data analysis view	Electrolyzer view
Historical alarm analysis 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



## PRODUCT DATA SHEET

415 St. Antoine Street West, Suite 250, Montreal, Quebec, Canada H2 1H8

MKD0056\_5V1-EMOS® View

514-987-1303 | R2.ca

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## SYSTEM REQUIREMENTS

EMOS® Server		EMOS® Monitoring Desktop client	
Operating System	Microsoft Windows Server 2022	Operating System	Microsoft Windows 7, Windows 10 and Windows 11, 64-bit
CPU	Intel® Xeon® processor	CPU	Intel® Core i5 6th generation (or an equivalent AMD processor) or above
RAM	16 GB	RAM	8 GB
Hard Drive	2x1TB RAID1 SSD (Solid State Drive) recommended	Hard Drive	500 GB SSD (Solid State Drive) recommended
Communication	OPC Link with DCS	Network Ports	(2) 100/1000
Network Ports	(4) 100/1000	Screen Resolution	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 Evaluato r

## ORDERING INFORMATION

Part Number	Description
SWSTD	EMOS® Safety Software Package (includes EMOS® Monitoring w/ EMOS® View HMI)
SP0 11	EMOS® Monitoring additional license
SWUSV	EMOS® View additional user

## ADDITIONAL INFORMATION

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



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