MAVRIC ALERTING



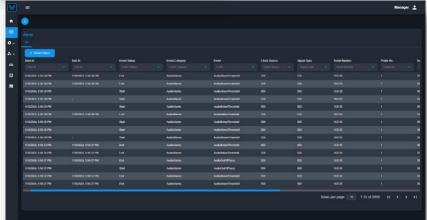


Our **ALERTING** application - part of the MAVRIC suite of software-based solutions - allows you to receive automated alerts to detect preconfigured error conditions and instantly identify the source of a problem in your signal chain.

All information is directly accessible on your desktop browser, laptop, or via our MAVRIC app on your tablet or smartphone.

FEATURES:

- View alerts generated by remote probes on a standard internet browser or via our Android/iOS app. Mobile app can be configured to generate paging alerts for detected signal
- Support on-site and off-site personnel located across remote infrastructure like OB vans and remote data centers/TCR's.
- Seamlessly integrate error monitoring systems across worldwide locations. Enable rapid pinpointing and resolution of problems, especially during live events.
- Use with built-in software probes available on all current Wohler iSeries and eSeries in-rack monitors.
- Use with signal probes available as hardware option card installed in your in-rack Wohler monitors, or on available Wohler openGear monitoring cards for remote monitoring.









Examples of an expanding list of Alert triggers:

- Initial installation licensed to monitor 5 probes. Additional probes can be licensed as per requirements.
 - Audio silence for predetermined interval.
 - o Video freeze for predetermined interval.
 - Deviations in signal metadata like video resolution, presence of HDR, frame rate etc.
 - SCTE 104 and SCTE 35 missing tag detection.
 - o Audio loudness level exceeding predetermined threshold for specified interval.
 - Audio out of phase for predetermined interval.
 - Closed caption information missing.
 - Clock status: locked/unlocked in-sync/sync lost.
 - o Many more in the pipeline.

Specifications:

- For on-premise installations please contact Wohler for precise server specifications required to run the application.
- Regular bug-fixes, security patches and feature enhancements are covered by an Annual Maintenance contract (AMC).
- Installation:
 - Deployed on-premise, in the Cloud or as a hybrid installation, with secure encrypted communications across all interfaces and signal sources.
 - o Also available as a hosted service managed entirely by Wohler.

Ordering Options:

Product	Part ID	Description
MAVRIC-Automated Alerts	8500-2200	Initial installation licensed to monitor 5 probes. Additional probes can be licensed as per requirements in blocks of 5. Deploy on-premise, in the Cloud or as a hybrid installation, with secure encrypted communications across all interfaces and signal sources. Also available as a hosted service managed entirely by Wohler. Subject to Annual Maintenance.
MAVRIC-Automated Alerts (5)	8500-2205	As above, but 5 License Add-on, subject to Annual Maintenance.
OPT-RM-AUDIO-ONLY	829191	Software Probe option. Installed by default on both iSeries and eSeries in-rack monitors.
Annual Maintenance Charge (AMC)	8500-0300	AMC runs from the date of purchase until 31st December of the following year. Subsequent AMCs must be renewed annually by January 1st.
Compatible Hardware enabling 16 channels of audio and video streaming		
OPT-RMOC-12G (1U)	829189	Signal probe option card for iSeries in-rack monitors, installed in the option card slot. Single SFP slot for 12G SDI or ST2110 input. Capable of monitoring 16 Channels of Audio along with a single Video input. Both audio and video are selectable from a choice of sources connected directly to the card, or inputs connected to the in-rack monitor.
OPT-RMOC-12G (2U)	829190	As for 829189 for 2U <u>iSeries in-rack</u> monitors.
RMOG-12G-SDI	8140-0200	openGear monitor with remote GUI for use and access, but also compatible with MAVRIC, accepts 2 x 12G-SDI inputs on BNC with 1 selected output. Options available for SDI on Fiber, 2110 and 2022, and for hitless AES67, Dante or Ravenna AoIP
OPT-RMOG DANTE	829192	Enables monitoring of up to 64ch Dante™ Inputs to RMOG-12G-SDI. Hardware card with software activation key. Adds primary & secondary RJ-45 ports for hitless/2022-7 support (for Dante and 2110-30 signals).
OPT-RMOG RAVENNA	829193	Enables monitoring of up to a 64ch of Ravenna/™ AES67 Inputs to RMOG-12G-SDI. Hardware card with software activation key. Adds primary & secondary RJ-45 ports for hitless/2022-7 support (for Dante and 2110-30 signals).

MAVRIC LITE Monitors 16 channels of audio (2 audible at a time) per unit – Available for all current eSeries and iSeries in-rack monitors.			
Alerts - LITE	8500-2210	Initial installation licensed to monitor 10 probes on either <u>eSeries</u> or <u>iSeries</u> in-rack	
		monitors. Deployment choices are the same as for MAVRIC-Automated Alerts	
Alerts – LITE 5	8500-2215	5 License add-on for Alerts LITE, subject to Annual Maintenance Charge	
Annual Maintenance Charge (AMC)	8500-0300	As for MAVRIC-Automated alerts	