



Visor 2.7 Latest Enhancements

Remote Monitoring and Diagnostics

GE's Visor 2.7 upgraded solution, helps to deliver high power data logging with remote access and remote engineering capability provided through enhanced software and processes.

What's New with the Visor Remote Monitoring and Diagnostics System?

With an upgrade to our Visor 2.7 version, you'll receive:

Real-time Data Access. Reduce both OPEX and CAPEX with the ability to see data in real time. Enhanced technology enables almost immediate notification to GE when a drive trip, or Marine vessel blackout or drift off occurs on site, allowing us to quickly react and deploy resources.

GE Remote Data Access, Enhanced Tech Support. At the heart of GE's digital eco-system, Visor collects and processes data and provides remote access and enhanced technical support to GE engineers. Among the many new features of our upgraded system is the ability to connect your data to the cloud for customized analytics, enabling data-driven decisions and performance measuring in real time. With cloud connection you can intelligently plan maintenance and monitor your asset's health—the key to driving down OPEX.

Third-Party Data Collection, Effort Free. Visor doesn't just log data from GE devices, but it also collects data from third-party equipment and offers it to end user supervisory systems or high-level data collectors—effort free. And, the OPC-UA machine-to-machine communication protocol that does all this is configurable down to the individual signal.

Switchable Read/Write, Added Security/Functionality. Combining read-only security with cost-reducing, write-enabled functionality, Visor Switchable Read/Write leaves the Visor Connect Box in a default read-only state, but allows you to enable the write-enabled mode with the press of a button that is located on the hardware. *Not available for Marine applications. Both Read Only and dedicated Write Enabled versions are also still available.*

ibaAnalyzer, Greater File Access. Visor's capability to support and integrate the IBA system has been expanded. The ibaAnalyzer client in the Visor system allows remote analysis of IBA server files. In addition, the Visor box now features an optional second RXi industrial PC that can be configured as the IBA server, thereby keeping the IBA server within the same cabinet footprint.

PcVue Alarm Logging, Merchant Marine Functionality. This update uses the PcVue open, secure and mobile SCADA/IoT platform to expand Visor from just remote access and fault diagnostic file collection to allow alarm logging to the Data Historian for Merchant vessels. Remote read-only view of HMI mimics allow GE to remotely assist you by giving specific instructions and monitoring feedback and to see faults and errors as they occur.

Hardware Updates

With a new and improved cabinet enclosure, Visor 2.7 allows for additional tool expansion within the Visor box without adding unnecessary footprint.

- **New front panel with a touchscreen HMI.** This front panel displays Data Historian information and Visor status as well as indicating the mode the Visor box is set to—read or write.
- **On-prem analytics PC (VCB DMZ PC).** An optional analytics PC can be added into the Visor box for use with other products such as SeaStream* Optimizer or other Asset Performance Management (APM) solutions.
- **Engineering PC (VCB Control PC).** Mandatory for the new Visor Switchable Read/Write functionality, an Engineering PC added to the Visor box is used for write-enabled activities but also will be available for all product variants when there is a need for onsite engineering. This machine is also used to host the IBA Server when required.



Comparison Table

	Visor 1	Visor 1.2	Visor 2.7
Automated Fault Notifications	No	Limited	Yes
Cloud/Analytics Enabled	No	No	Yes
VPN Type	OpenVPN	OpenVPN	IPSec VPN
OPC-UA Server/Client Enabled	No	No	Yes
Product Variants	Read Only	Read Only	Read Only/Permanent Write/ Switchable Read Write
Dedicated Software Server (P80-Pilot)	Yes	Yes	Yes
Touchscreen User Interface	No	No	Yes
Operating System	Microsoft® Windows® XP	Microsoft Windows XP	Microsoft Windows 7
Software Upgrade Path	None	None	Microsoft Windows 10
Cyber Security	No longer supported	No longer supported	Includes latest security protection
Upgradability for Future Expansion	None	None	Flexible cabinet for future product expansion
Third-Party Integration	Limited	Limited	Yes
Secure Controller Access	Yes	Yes	Yes
Additional options for integration with Customer IT Infrastructure	No	No	Yes
Low Bandwidth Optimization	Limited	Limited	Yes
Physical Footprint	2 Piece	2 Piece	1 Piece Lockable Cabinet
Cyber Certification	None	None	Achilles Wurdtech L1
NTP Time Server Source	No	No	Yes
Enhanced Data Collection	No	No	Yes
External Network Diagnostics	Limited	Limited	Enhanced
Data Archiving	DVD	DVD	Lockable USB

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