

Unlock intuitive control.
Any time. Any compressor.



GEA Omni™ Retrofit Panel

Screw and Piston Compressor Control

The Intuitive Touch for Compressor Control

Powerful, yet approachable. Cerebral, yet intuitive. Sophisticated, yet simple. Simply – GEA Omni™.

GEA is synonymous with innovation, leadership and precision-engineered solutions. GEA Omni™ Retrofit Panels extend this tradition. Featuring a high-definition, multi-touch screen, GEA Omni™ delivers the ease of use and technical wow factor that GEA customers have come to expect.

Upgrade your compressor control

GEA Service offers this standard retrofit solution for GEA industrial screw and piston compressors, ensuring operators' continued success. GEA Omni™ Retrofit Panels have also proved their worth with compressor packages from many manufacturers including Mycom, Howden, Frick, Sabroe and Stal.

Easy to connect

The GEA Omni™ Retrofit Panel includes hardware designed to allow the connection of different types of compressor sensors, motor current sensors and solenoid coil voltages. This reduces the number of loose shipped items to a minimum, thus simplifying and reducing installation time. Compressor-specific electrical drawings and preconfigured software are provided on a GEA USB drive.

Easy communications

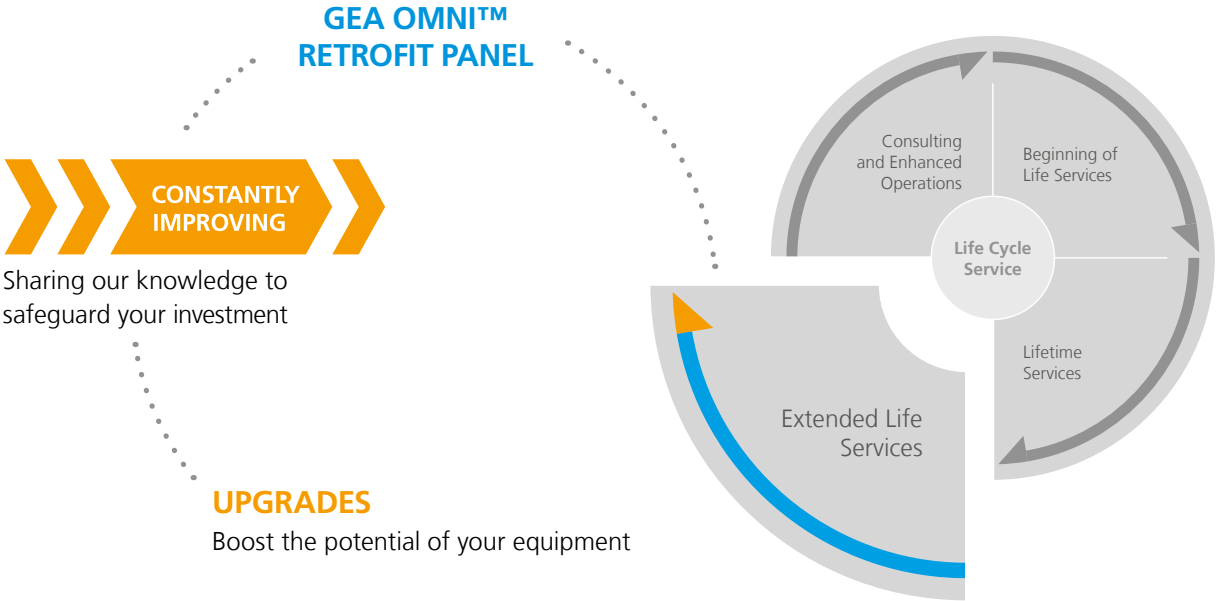
By simply connecting GEA Omni™ Retrofit Panels to an Ethernet network, the use of wireless technology and smart phone or tablet viewing is possible. Authorized service staff and service companies can access the control system remotely and GEA Omni™ can send email and text message notifications. For connection to other control systems, GEA Omni™ Retrofit Panels support Modbus TCP/IP protocols for data exchange.



GEA Omni™ Retrofit Panels are supplied with all items necessary for easy installation and on-site configuration, with minimal downtime. Lifetime software updates and the ability to evaluate system performance further enhance the value of GEA Omni™ Retrofit Panels.



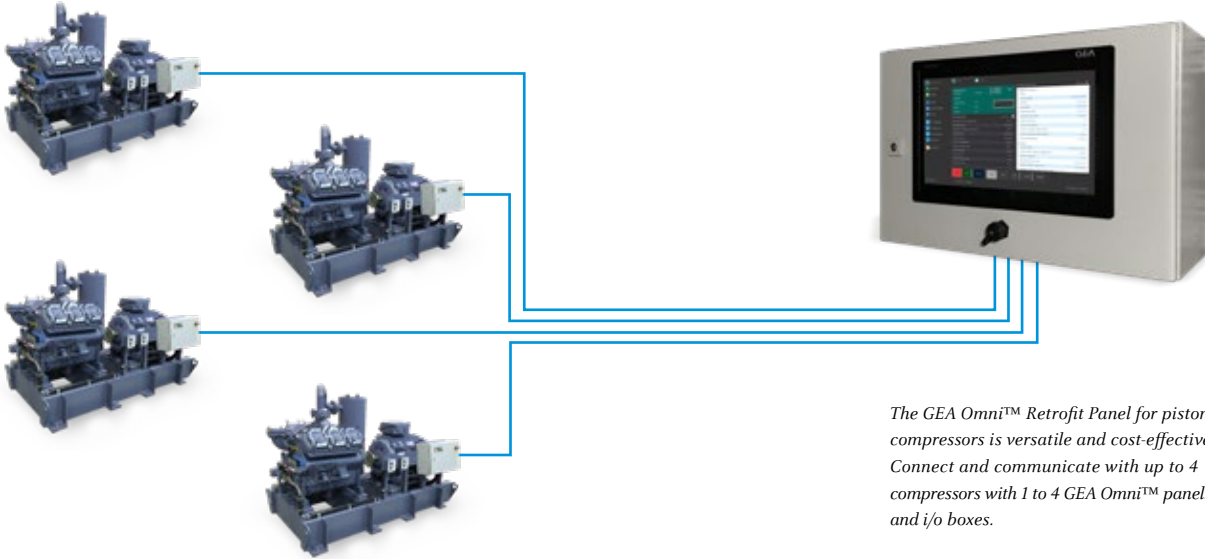
GEA Service – For your continued success



Piston compressors: Connect & configure

The GEA Omni™ retrofit kit includes all the items necessary for easy installation and on-site configurability, with minimal downtime. The USB memory device includes the latest

software release. In addition, lifetime factory software updates – along with panel documentation – further enhance the value of the retrofit kit.



The GEA Omni™ Retrofit Panel for piston compressors is versatile and cost-effective. Connect and communicate with up to 4 compressors with 1 to 4 GEA Omni™ panels and i/o boxes.

GEA Peace of Mind

GEA Omni™ consists of a single design engineered to meet the needs of a global customer base. Preconfigured in more than 25 languages, GEA Omni™ carries the benefit of global sales and support. Operators rest easy knowing their facility is controlled by a product that is invented, manufactured, and backed by the worldwide leader in refrigeration control panel technology.

Quick access to invaluable on-screen tools

- Maintenance tracking and alerts
- Historical trending
- Manuals, drawings and videos
- Ability to upload user-generated materials
- Diagnostic tools and troubleshooting aids



GEA Omni™ Energy Saver functions allow operators to evaluate system energy usage and adjust for maximum benefit.

GEA OmniLink™

Included with every GEA Omni™ Retrofit Panel is GEA OmniLink™, a stand-alone Microsoft Windows® application designed to automatically find GEA Omni™ panels on the same Ethernet network, read panel status, perform automatic backup and reporting and view the panel screen as if viewing it on-site.

- View GEA Omni™ data/status over Modbus TCP/IP
- Connect to GEA Omni™ using VNC
- Supports multiple connections
- Transfer software and parameters over Ethernet
- Take screen captures
- Transfer history data

Secure – Right out of the box

GEA Omni™ provides three levels of security: Operator, Service and Administrator

- Up to 25 unique users can be created, each with a customizable view of operating data
- Each unique user's login history and actions are recorded in the panel for auditing purposes
- GEA Omni™ helps to minimize operator mistakes and system failure

GEA OmniHistorian™

Also included with every GEA Omni™ is GEA OmniHistorian™, a stand-alone Microsoft Windows® application used to view and analyse historical data.

- View years of stored historical data, such as warnings, shutdowns, event logs and parameter revisions
- Analyse energy usage
- Create custom reports
- Print all viewable data
- Used by operators, supervisors, contractors, and GEA service engineers



Fully integrated input/output system

With GEA Omni™ you can analyze the status of your I/O system without having to open the cabinet or be present on site, which makes for efficient commissioning. The system also allows you to zoom in to each module and see the details of each individual channel. Even without the knowledge to read electrical drawings, the operator or the service technician can analyze the correct function of the machine.

Thanks to built-in tools, digital as well as analog output can be manipulated with ease. With the integrated Scope function you can monitor the signal status and quality.

We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA is a global technology company with multi-billion euro sales operations in more than 50 countries. Founded in 1881 the company is one of the largest providers of innovative equipment and process technology. GEA is listed in the STOXX® Europe 600 Index. In addition, the company is included in selected MSCI Global Sustainability Indexes.

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