GUARDIAN SERIES VRU HMI/OPERATING SYSTEM

AEREON, headquartered in Austin, Texas, with a Centre of Excellence for Vapor Recovery located in Louisville, Kentucky, home of Jordan Technologies, is a global leader in the supply of high-quality technologies and services for gas and vapor handling, combustion and recovery for the oil and gas industries. AEREON was formed in 2012 when Flare Industries, LLC acquired Jordan Technologies. Under the two brands, AEREON offers the broadest product line of engineered flare systems, enclosed combustion systems, ignition systems and vapor recovery units, and is the largest field service company for vapor recovery and combustion equipment in the world.

AEREON Jordan has designed, built and serviced vapor recovery systems for over 35 years and gained in-depth experience into optimizing the operating system. They provide a complete state-of-the-art, integrated HMI solution that will save you time and money.

As a standard, AEREON utilizes the PanelView Plus 600 operator interface display terminal on the Allen-Bradley MicroLogix. AEREON’s proprietary software is engineered to meet the increasingly complex visualization needs of our customers.

AEREON’s PLC panel provides a level of control and precision that sets the bar for Vapor Recovery Systems for the Oil and Gas Production industry. Some of the benefits of the system are:

- Ease of use for engineers and operators
- Advanced technology/flexibility
- Saves time and expense from having to use automation experts to program changes
- Industry leading reliability
- Provides remote access and monitoring for real-time system management

For more information on the benefits of AEREON’s HMI system, see the back of this brochure or visit www.aereon.com.
Benefits of the AEREON HMI/Operating System

1. **Ease of use**
   - Operator simplicity
   - Intuitive interface that provides a graphical overview of the process
   - Configurable/CUSTOMIZABLE I/O from a touch screen
   - Set points and alarms are easy to use
   - Auto reset for operationally strategic alarms that lessen need for operator intervention in remote areas when not critical operation or HSE

2. **Advanced technology/ flexibility**
   - Allen-Bradley PanelView Plus 600, Standard 6” color touchscreen, clear, glare-free
   - Speed control and diagnostics of the VFD are controlled over ethernet with real-time monitoring
   - Allen-Bradley PanelView Plus 600, Standard 6” color touchscreen, clear, glare-free
   - Provides 3 types of process variable trend graphs to evaluate system performance vs. inlet temperature, inlet pressure, compressor speed, and inlet flow control valve position

3. **Saves time and money**
   - PC/software not needed to make changes
   - Trend graphing will help to improve production at optimal set points
   - Highly reliable products help to reduce downtime
   - Provides historical alarm log that supports unit optimization
   - Reduces the need for automation engineers

4. **Reliability**
   - VFD is more efficient and reduces operational costs
   - Alarms annunciating in 3 different ways and all flash until acknowledged: indication light on the front of the panel, graphically by flashing device under alarm, and alarm history log
   - Provides historical alarm log that supports unit troubleshooting

**Options**
- Customized, advanced control packages are available with larger HMI screen sizes and CompactLogix
- Remote Access Capability