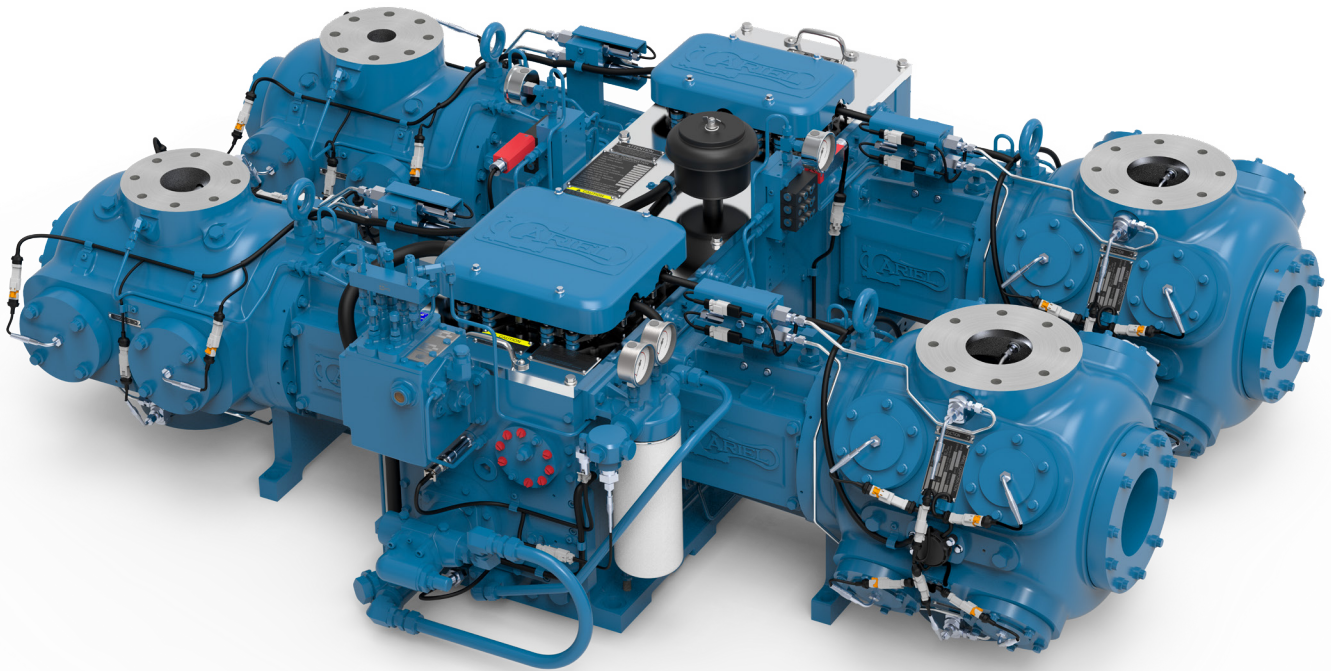# INTRODUCING THE ARIEL SMART COMPRESSOR

The next generation in compression monitoring, control, diagnostics, optimization, and management.

Ariel Compressors are experiencing a digital revolution. Leading compressor operators are digitizing their compression assets and unlocking previously impossible benefits. Using the Ariel Smart Compressor and Ariel Fleet Manager they are able to evaluate their operations by comparing real world data against a digital twin model.
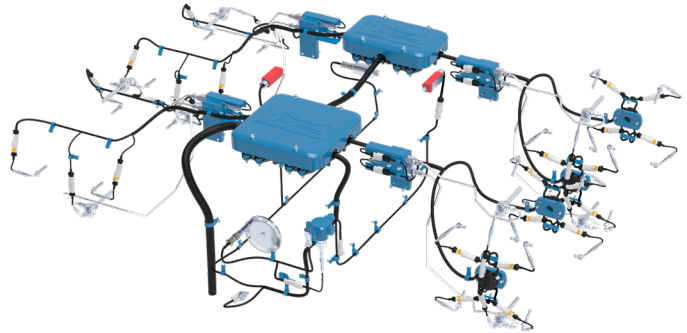
Compression operations running Ariel Smart Compressors are able to build preventative and proactive maintenance schedules and optimize their performance to maximize horsepower, uptime, and flow. Informed compressor organizations are efficient compressor organizations whose decision-making becomes faster and better with information. For compressor operators looking to lower their operating costs and reduce their environmental footprint, ASC delivers.

ASC Features & Benefits

The Ariel Smart Compressor is a manufacturer-installed electronic platform now offered on select Ariel compressor models. The physical system is composed of numerous sensors and harnesses that relay operating information to an onboard central processor and deliver dozens of data points, on-premise, through a digital interface, and remotely in the cloud.

Ariel Smart Compressor monitors, displays, and transmits your compressor conditions for you, such as:

- **Process gas pressures and temperatures**
- **Valve cap temperatures**
- **Lubrication cycle times**
- **Bearing temperatures**
- **Crankshaft torsional vibration**
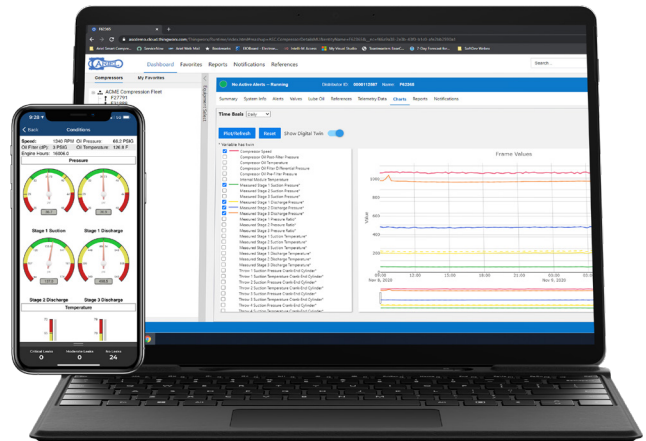- **Frame Vibration**

The Ariel Fleet Manager

The Ariel Fleet Manager goes beyond the basics to help you transition data into usable information. You can dramatically impact operational costs by optimizing compressors and preventing compressor issues. AFM software provides:

- **Ariel Performance Program modeling**
- **Trending and Graphing**
- **Reporting**
- **Warning and shutdown Alerts**
- **Digital Twin comparison results**

Ariel Smart Compressor and Ariel Fleet Manager bring the physical and digital world together to help compressor operators run efficient and effective fleets.

24 Hour Support:

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Worldwide: **+1 740.397.3602**