Red Lion Industrial Data Solutions

Making industrial data easier to access, control and visualise with rugged solutions built for the most demanding environments.



Industrial Data Access, Control and Monitoring

Red Lion, a brand of HMS Networks, offers industrial controllers, Human-Machine Interfaces (HMIs), panel meters, and signal conditioners for edge-to-cloud data access and control. Designed for demanding environments, these devices connect machines and enable local or remote data collection, processing, and visualisation.

CONNECT
Your Data

CONTROL
Your Operations

VISUALISE
Better Decisions

Rugged Controllers for Demanding Environments

FlexEdge IIoT Edge Controllers



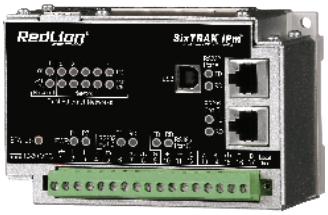
- Secure data connectivity
- Advanced edge intelligence
- Data monitoring and visualisation
- Cloud and SCADA integration
- Crimson® software
- Legacy and modern connectivity

PXU PID Controllers



- High-performance PID control
- Process, thermocouple and RTD inputs
- Dual displays and multiple DIN sizes
- On/Off, P, PI and PID modes
- Manual override and overshoot control
- Crimson® software for FlexEdge

Rugged Linux-based RTUs



- Data logging and programming
- Built-in communication gateway
- Open Linux-based platform
- Industry-standard protocols
- Flexible connectivity
- Rugged for harsh environments

Smart Solutions for Visualisation and Measurement

Industrial HMIs



- Onsite and remote access
- Built for harsh environments
- Supports complex systems
- Multi-vendor integration
- Built-in protocol conversion
- Crimson® software

Virtual HMIs



- Real-time data access
- Remote visualisation
- Monitoring and control
- Web browser access
- Laptops and tablet support
- No on-site operator needed

Panel Meters



- Real-time monitoring
- Operational visibility
- Operational efficiency
- Easy-to-read displays
- Simple data management
- Multiple input options

Signal Conditioners



- Wide range of conditioners
- Frequency signals
- Temperature signals
- Process signals
- Universal models
- Over 100 input types

Intelligent. Robust. Bold.
Your Partner for Red Lion Solutions in Southern Africa.

IDX Industrial Data Xchange
The Industrial Data Communications Experts

RedLion® BY HMS NETWORKS

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Typical Applications



Factory Automation

- Connect machines and equipment
- Improve productivity and efficiency
- Real-time production monitoring
- Integrate new and legacy systems



Process Industries

- Monitor and control processes
- Collect and visualise data
- Connect sensors and controllers
- Support SCADA integration



Oil and Gas

- Remote equipment monitoring
- Data logging and reporting
- Connect remote field devices
- Rugged solutions for harsh conditions



Water and Wastewater

- Monitor pumps and equipment
- Remote monitoring and alarming
- Data collection and logging
- SCADA and cloud integration



Energy and Utilities

- Monitor critical infrastructure
- Remote asset monitoring
- Connect distributed equipment
- Real-time data visualisation



Automotive

- Monitor production equipment
- Connect PLCs and machinery
- Visualise production data
- Integrate multiple control systems

Crimson Software



Powerful. Flexible. Easy to Use.

Red Lion's Crimson® software is an easy-to-use, low-to-no-code solution for device configuration, data access, real-time monitoring and protocol conversion. Its user-friendly interface and built-in graphic tools make configuration and visualisation simple.

With remote monitoring, diagnostics, cloud integration and built-in security, Crimson® helps reduce engineering time and maintenance costs while making it easier to manage connected devices.

Contact Us

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