



Transportation systems rely on real-time information, which is why highway authorities, railways, municipalities and other organizations turn to Red Lion to ensure data and operations keep moving. Understanding market requirements, we design and deliver reliable industrial automation and networking products to support:

- Rail management
- Security monitoring
- Tunnel management
- Traffic management
- Parking monitoring

Served Segment: **Transportation**

With high MTBF ratings and support for extreme operating temperature ranges, Red Lion's rugged industrial Ethernet switches and hardened Wi-Fi radios help keep data flowing smoothly regardless of environment.



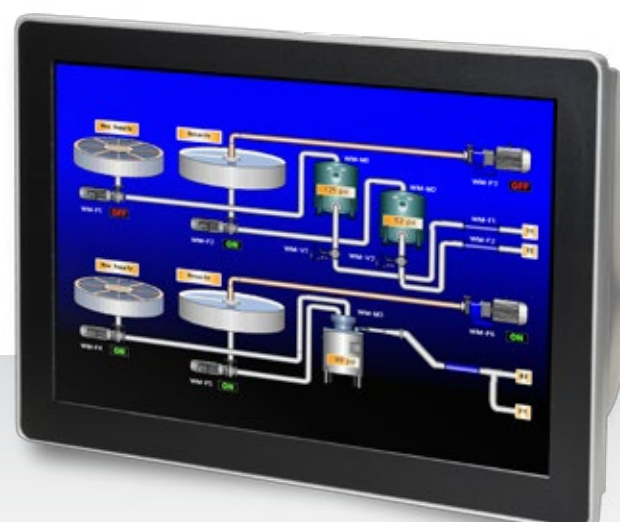


Whether located in the desert, ocean or ice field, Red Lion offers industrial automation and networking solutions that provide the connectivity, monitoring and control required to get the job done across oil and gas applications that include:

- Pipeline distribution
- Wellhead monitoring
- Pump control
- Flow and pressure monitoring
- Drilling
- Leak detection
- Environmental reporting

Served Segment: **Oil & Gas**

UL Class 1, Division 2 Listed with ABS, ATEX and IECEx approvals, Red Lion's rugged Graphite® HMIs and plug-in modules are safe for use with industrial control equipment in potentially explosive, hazardous locations around the world.





Supplying the most basic necessities of water, gas and electricity, power and utility companies require high-capacity redundant networks to ensure consistent and continuous operations. Red Lion helps providers reliably monitor and control assets to ensure optimal performance across applications that include:

- Substation failover
- Distribution
- Lift station monitoring
- Demand response
- Recloser management
- Smart grid

Served Segment: **Power & Utilities**

Red Lion's rugged RAM[®] industrial cellular RTUs and routers provide a secure all-in-one platform that offers multi-carrier 4G LTE connectivity, a powerful event engine and unmatched reliability for the remote monitoring and control of field-deployed assets.





As the Industrial Internet of Things (IIoT), Connected Factory and Industry 4.0 become a reality, Red Lion is leading the way by enabling manufacturers to make the most of existing investments. Powerful protocol conversion coupled with automation and networking support applications including:

- Automotive
- Food & Beverage
- Plastic Extrusion
- Packaging
- Pulp & Paper
- Chemical

Served Segment: **Manufacturing**

Red Lion's ProducTVity Station is a ready-to-deploy visual management system that enables companies to connect devices and collect, record and display critical Key Performance Indicators (KPIs) and Andon messages on TVs to increase efficiency throughout the factory.



LINE	GOAL	PRODUCED	BAD	GOOD	SHORTFALL	PERCENT
1	1000	852	12	840	160	84 %
2	750	46	3	43	707	5 %
3	900	801	12	789	111	87 %
4	5000	4527	55	4472	528	89 %
5	1250	757	10	747	503	59 %
6	6500	5586	214	5372	503	82 %
7	5000	4489	76	4413	587	88 %
8	3500	75	2	73	3427	2 %



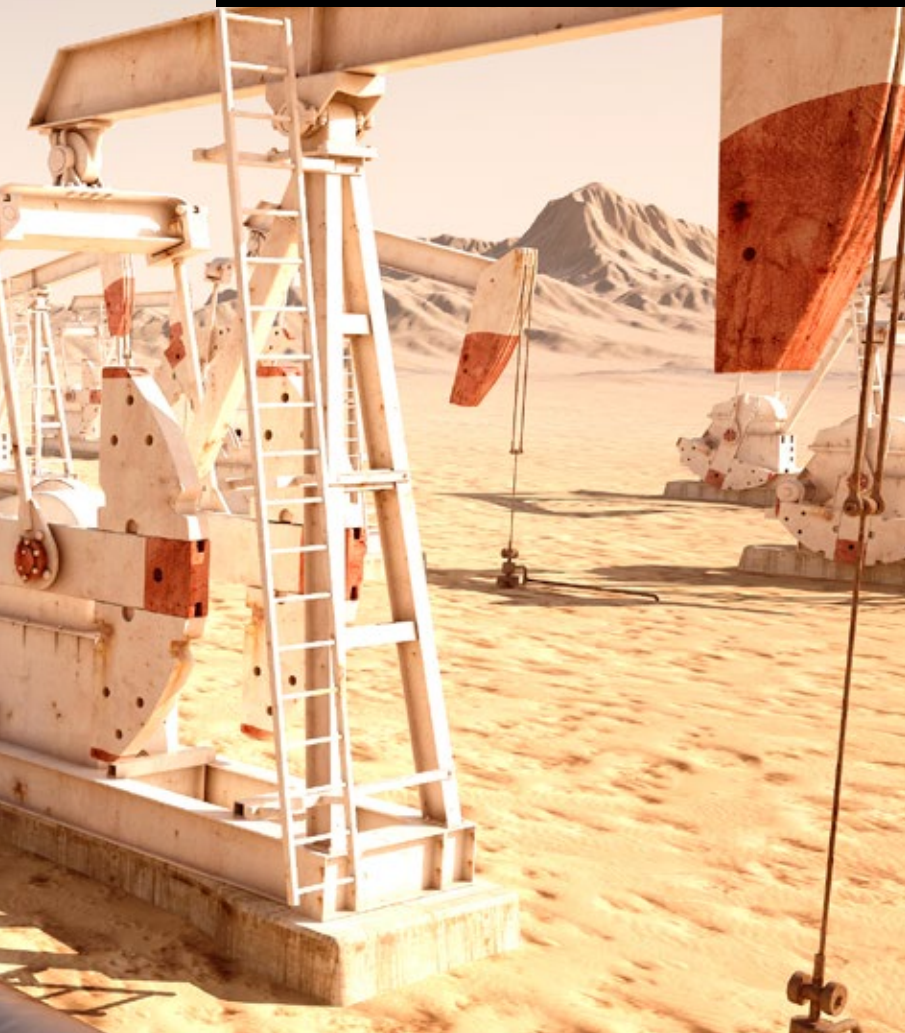
For wind, solar and hydro power sources to reliably scale, energy production must become more dependable and cost effective. With industrial automation and networking offerings, Red Lion provides alternative energy producers the ability to remotely connect, monitor and control remote assets that include:

- Wind turbines
- Turbine gearboxes
- Solar panels
- Solar inverters
- Tidal turbines

Served Segment: **Alternative Energy**

With over 100 Ethernet and fiber media configuration options, Red Lion's rugged NT24k[®] switch platform couples 10 to 49 VDC redundant power inputs with wide temperature range support and high tolerance to shock and vibration to ensure uninterrupted operation regardless of environment.





Red Lion has been connecting devices and moving data for years, enabling organizations to easily advance to the Industrial Internet of Things (IIoT). Customers worldwide are using our IIoT-ready industrial automation and networking products to reliably connect, monitor and control operations across industrial segments that include:

- Manufacturing
- Transportation
- Oil & Gas
- Power & Utilities
- Alternative Energy

Industrial Internet of Things (IIoT)

Red Lion's broad array of industrial automation and networking products provide industry-leading protocol conversion, visual management, remote monitoring and Ethernet capabilities. Together these technologies deliver a solid foundation for IIoT success.

