WATER/WASTEWATER

LINKING YESTERDAY, TODAY, AND TOMORROW

FLEXEDGE™

RED LION™
a spectris company

EXCELLENCE. REDEFINED.

LC Automation
control & safety

MODERNIZING AGING INFRASTRUCTURES

DESIGNED TO SCALE. BUILT TO LAST.

FlexEdge™ brings advanced capabilities to meet the rapidly changing demands of water/wastewater municipalities. It provides a reliable, highly flexible solution to integrating multi-vendor environments while seamlessly aiding in digital transformation strategies. The platform's modular scalability makes it easier for municipalities to focus on business efficiency without having to worry about choosing the right combination of products for their applications.

Compared to fixed-function devices that require water/wastewater municipalities to 'learn' multiple products or systems, FlexEdge easily adapts and scales as application needs change. Users can add up to 10 hot-swappable I/O modules that provide high-density analog, discrete, PID, relay, and SSR options. And, as connectivity requirements change or new standards emerge, up to three communications sleds can be added to the FlexEdge controller, including multi-radio cellular, Wi-Fi, serial, and USB connectivity. This versatile scalability helps utility companies further accelerate their IIoT and Industry 4.0 initiatives.

Most advantageous of all, FlexEdge helps to modernize aging communications and control infrastructures. Because both new and existing devices can be easily connected to the system, the platform not only reduces overall downtime but also allows frictionless scalability for large deployments.

RELIABLE OPERATION

YOUR ENVIRONMENT

FlexEdge features a rugged enclosure, wide operating temperature range (-40° to 75°C), and Hazardous Location (HazLoc) Certifications including UL Class1, Division 2, and ATEX/IECEx.

YOUR DATA

FlexEdge integrates with various smart sensors, collecting critical data about water/wastewater quality, potability, pressure, and temperature, enabling the information to be displayed on customized executive dashboards and sent to a variety of industry-leading IIoT cloud platforms in real time. This data can then be analyzed and interpreted into actionable insights with tangible outcomes. FlexEdge can also securely connect remote assets to SCADA or IIoT cloud platforms through a variety of built-in tools, including 2-way TLS certificates support, VPN, VLANs, routing, and a stateful firewall.

UNLOCK EVEN MORE POTENTIAL

Field-unlockable software enables even more of the FlexEdge platform's already tremendous potential. Take it from a feature-packed networking gateway all the way to a controller for managing applications that require advanced logic control. Because you can add powerful new capabilities via software alone—eliminating the need to purchase or add more equipment—you'll both save money and reduce costly downtime as your application needs change.

SOFTWARE GROUPS

	Networking Gateway	Protocol Gateway	Advanced IIoT Gateway	Advanced Automation Controller
Configuration				
Web GUI	✓	✓	✓	✓
Crimson	✓	✓	✓	✓
Networking				
Firewall	✓	✓	✓	✓
RADIUS Auth.	✓	✓	✓	✓
Routing	✓	✓	✓	✓
NAT	✓	✓	✓	✓
IP Fallback	✓	✓	✓	✓
VPN Client/Server	✓	✓	✓	✓
Automation				
300+ Drivers		✓	✓	✓
IIoT Connectors		✓	✓	✓
OPC UA		✓	✓	✓
SQL Sync			✓	✓
Data Logging			✓	✓
Virtual HMI			✓	✓
Advanced Web Server			✓	✓
IEC Control				
Crimson Control				✓

FlexEdge now combines the scalability of Linux with the power of Crimson® in a single product, enabling connectivity to virtually any device—regardless of manufacturer—with point-and-click simplicity. This all-in-one environment eliminates the need for multiple configuration tools, providing dependable operations and real-time decision-making to drive greater process efficiencies.

For more information about Red Lion's Water and Wastewater solutions, please visit **www.redlion.net/solutions/water-wastewater**

LC Automation
control & safety

01254 685900
sales@lca.co.uk
www.lcautomation.com

RED LION™
a spectris company

EXCELLENCE. REDEFINED.

www.redlion.net

Red Lion has delivered innovative solutions to global markets since 1972 through communication, monitoring, and control for industrial automation and networking. Its technology enables companies worldwide to gain real-time data visibility that drives productivity.

Red Lion is part of Spectris plc, the productivity-enhancing instrumentation and controls company.

For more information, please visit www.redlion.net.

ADLD0502 072420 © 2020 Red Lion Controls, Inc. All rights reserved. Red Lion, the Red Lion logo, N-Tron, and Sixnet are registered trademarks of Red Lion Controls, Inc. All other company and product names are trademarks of their respective owners.