

EdgeFrontier®

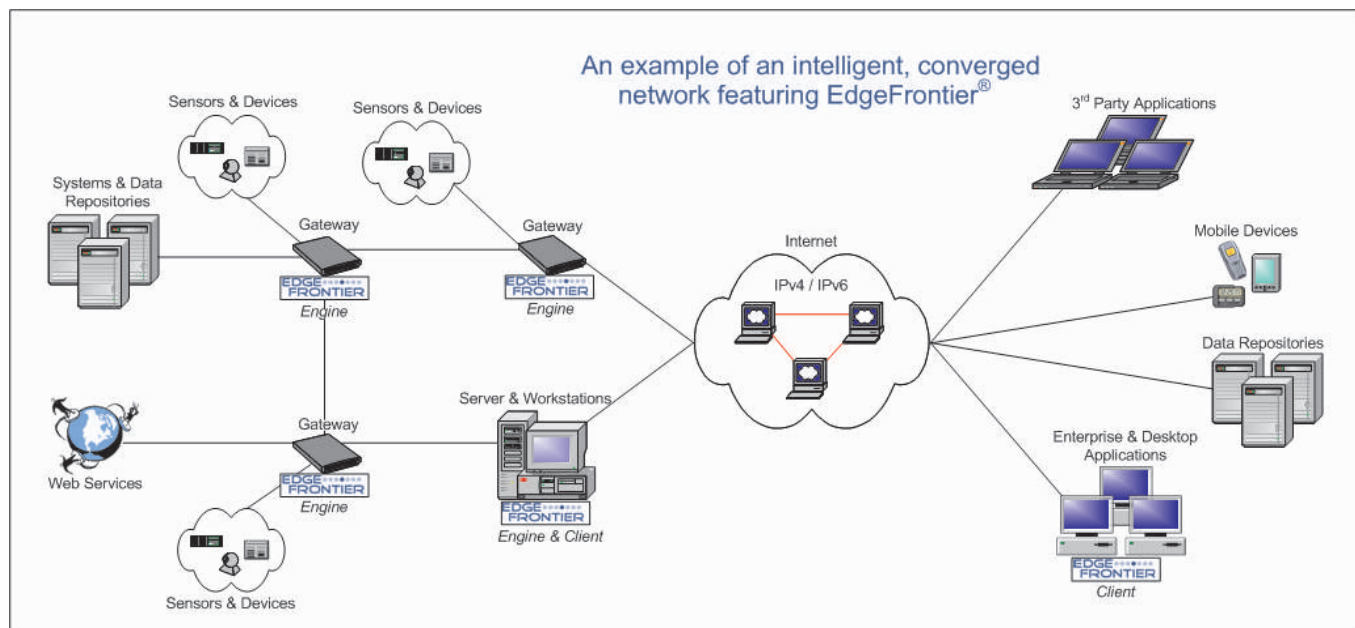
A complete middleware platform for
intelligent convergence of devices, systems, and networks



Enabling rapid creation of open, interoperable solutions
featuring distributed processing, control, and automation
throughout the network infrastructure

EdgeFrontier provides a complete middleware platform for building and managing intelligent convergence solutions.

EdgeFrontier is remotely configurable middleware that resides on routers, servers, and other computing systems, providing a complete platform for intelligent convergence solutions. EdgeFrontier is the right choice for a drop-in software solution to support convergence of devices, systems, and networks where robust network infrastructure exists.



EdgeFrontier supports integration and normalization of data, events, and control functions from diverse devices, systems, and networks, regardless of manufacturer or communications protocol, including sensors, wireless sensor networks, RFID systems, video devices and systems, access control systems, metering and measurement devices, actuators, databases and file repositories, and others. In addition, EdgeFrontier provides structures for event processing and configuration of event or policy-based actions through a policy engine.

EdgeFrontier includes an EdgeFrontier Engine™ application, which provides the field-level power for the software, and an EdgeFrontier Client™ application, which enables enterprises and integrators to configure the EdgeFrontier Engine application remotely. With the installation of EdgeFrontier Engine on routers, servers, or other computing platforms, and EdgeFrontier Client on remote workstations and PCs, users are provided with a complete, remotely configurable middleware platform for intelligent convergence solutions.

EdgeFrontier Engine can be implemented on network devices, including routers, gateways, servers and workstations/PCs, that are capable of supporting the Microsoft .NET Framework. The software acts as an edge application server and can be configured as an edge enterprise service bus, providing an abstraction layer to support processing and distribution of data, events, and control commands without writing code.

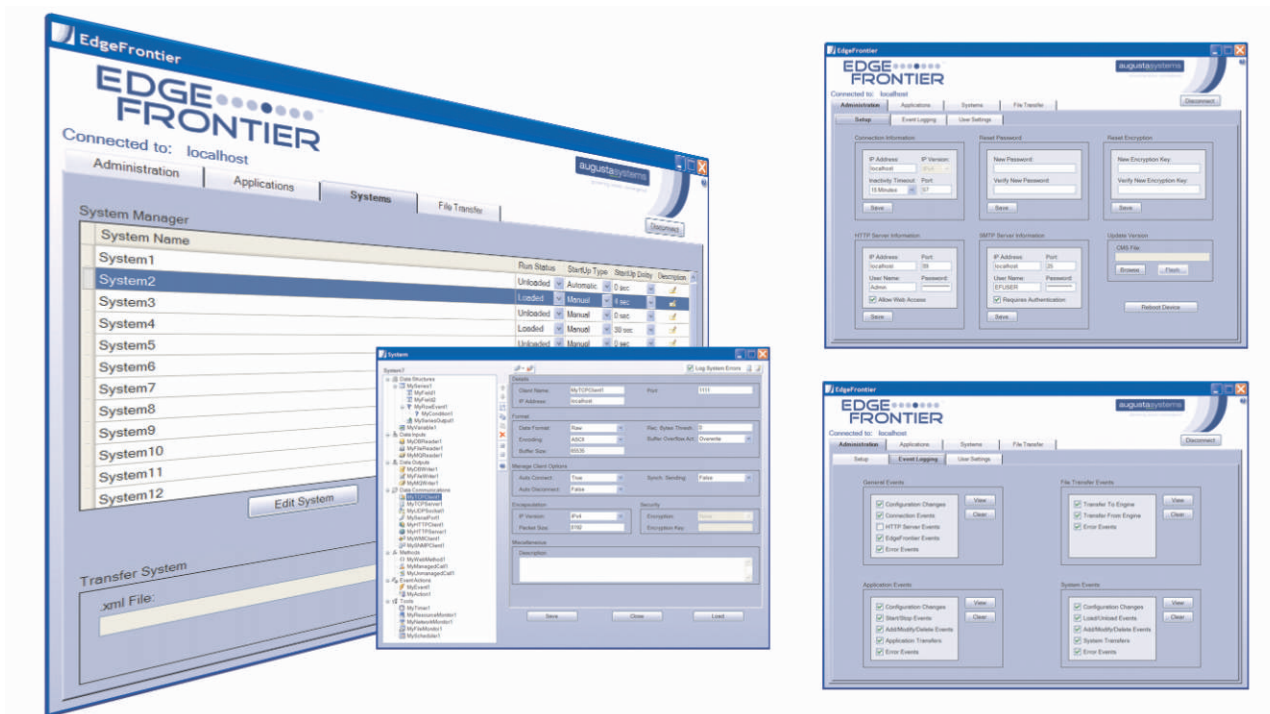
EdgeFrontier can distribute data to and exercise control over multiple network devices and applications via various communication protocols within wired and wireless deployments – including WiFi, WiFi mesh, WiMax, ZigBee, and others. In addition, third-party processing software and algorithms or user-produced code can be implemented easily to further extend the capabilities of EdgeFrontier as a middleware platform technology for convergence.

With these capabilities, EdgeFrontier is an ideal product for enterprises and integrators that require a remotely configurable convergence platform and wish to utilize the existing network infrastructure.

EdgeFrontier is the right choice for a drop-in software solution to support convergence of devices, systems, and networks.

Specifically, EdgeFrontier can:

- Enable connectivity between diverse devices, systems, and networks through communication methods (including TCP/IP, UDP, serial, HTTP, SNMP, WMI, message queue, and web services); support the reading and writing of files and databases; and enable connectivity to systems via third-party and custom application programming interfaces (APIs)
- Serve as a mediator between diverse systems, devices, and networks, including support for protocol/format encoding/decoding and data transformation
- Provide real-time, edge-of-network event processing, including data filtering, correlation, anomaly detection, and notification/alert generation
- Provide a policy engine for configuration of event or policy-based actions
- Enable distributed processing and event or policy-based actions to be automated throughout the network infrastructure
- Provide an extensible application server for core and edge-of-network computing systems, including routers, servers, gateways, and other computing platforms
- Provide sophisticated network and system management capabilities
- Distribute data as network data, data files (e.g., text, Excel, XML, binary, etc.) and for databases (e.g., Microsoft SQL Server, Oracle, MySQL, etc.) for use with enterprise systems and interface platforms
- Extend the IP network and IT infrastructure to remote devices, systems, and networks



Benefits of EdgeFrontier include:

- Enabling integration and utilization of diverse device, system and network data, events, and control functions
- Enabling convergence of data within enterprise IT infrastructures and IP networks to enhance analysis and response
- Maximizing existing client technology assets and leveraging future investments by enabling the building and management of open, scalable solutions
- Increasing value of data through system and network-driven access, processing, and correlations
- Reducing total cost of ownership of devices, systems, and networks
- Increasing return on investment for devices, systems, and networks

Contacts

Pricing is available upon request. Evaluation versions are also available for qualified users. Substantial discounts are available for multi-user and original equipment manufacturer (OEM) purchases. Augusta Systems also can provide customized integration services, as well as training, to support the needs of enterprises and system integrators utilizing our products.

For more information, please contact:

Patrick Esposito II
President & Chief Executive Officer
Telephone: 304.599.3200 x118
Email: patrickesposito@augustasystems.com

Jack Williams
Manager, Sales & Business Development
Telephone: 304.599.3200 x121
Email: jwilliams@augustasystems.com

Research Ridge
3592 Collins Ferry Road, Suite 200
Morgantown, WV 26505
Telephone: 304.599.3200
Fax: 304.599.3480
www.augustasystems.com

About Augusta Systems

Augusta Systems, Inc. powers the intelligent convergence of devices, systems, and networks. Our award-winning EdgeFrontier products provide configurable technology platforms for building and managing complex monitoring, control, and automation solutions, including applications for safety and security, energy and utility management, asset tracking, building management, and other business functions.

Our products support integration and normalization of data, events, and control functions from diverse devices, systems, and networks, regardless of manufacturer or communications protocol. In addition, EdgeFrontier products provide structures for event processing and configuration of event or policy-based actions through a policy engine.

Leveraging these capabilities, EdgeFrontier products enable rapid creation of open, interoperable solutions featuring distributed processing, control, and automation throughout the network infrastructure. With the power of EdgeFrontier products, enterprises can unlock new features, decrease solution development costs, improve operational efficiencies, and increase the return on investment for new and legacy devices, systems, and networks.

For more information please visit www.augustasystems.com.