EDGEFRONTIER®

The demands of enterprise operations and incident management have grown in recent years in response to tight budgets and new security threats. Businesses and government agencies must deploy increasing numbers of cameras, sensors, systems, and networks to satisfy the need for real-time information from facilities, infrastructure, and remote locations. The ability to provide intelligent convergence of data from all these sources is essential to gaining visual insight into situations. Intergraph's EdgeFrontier® middleware enables this process, providing the technology to integrate and display this data quickly and efficiently in an easy-to-understand common operating picture.

FEATURES AND BENEFITS

Devices, systems, and networks have traditionally communicated in proprietary protocols over separate network infrastructures, which create walls between data, events, and control functions. This limits the usefulness of the devices and systems and removes the opportunity for dynamic monitoring, control, and automation solutions. EdgeFrontier unlocks the potential of these data, helping to overcome the cost and capacity challenges involved with intelligent convergence.

• **Time and cost savings** – EdgeFrontier reduces time and cost by eliminating the need to develop customized software code and device-specific middleware to normalize multi-source data, events, and control functions. The software streamlines processes using business rules and structures for policy-based actions through a powerful policy engine.

• **Bandwidth savings** – Intelligent convergence of devices, systems, and networks enables the integration of data from disparate sources without overwhelming limited network bandwidth, especially in the case of wireless networks. This increases network efficiency and frees up bandwidth for improved data flow.

• **Interoperability** – EdgeFrontier supports the rapid creation of open, interoperable solutions that feature distributed processing, control, and automation throughout the network infrastructure. Intergraph is a leader in providing configurable technology platforms based on industry-standard technologies.

• **Operational efficiencies** – EdgeFrontier provides critical technology to improve operational efficiencies and increase the return on investment for new and legacy devices, systems, and networks.

MULTIPLE INDUSTRY APPLICATIONS

EdgeFrontier middleware enables critical enterprise functions in multiple industries that require data from and connectivity with a variety of devices, systems, and networks. Examples include:

• Public safety, security, and a host of other implementations that integrate cameras and video management systems, access control systems, motion sensors, threat detection sensors, and notification systems.

• Energy and utility management applications that incorporate smart meters, line monitoring devices, transformer monitoring devices, substation security devices, substation automation devices, and supervisory control and data acquisition (SCADA) systems.

ABOUT INTERGRAPH

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data to make processes and infrastructure better, safer and smarter. The company's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph PP&M provides enterprise engineering software for the design, construction, operation and data management of plants, ships and offshore facilities. Intergraph SG&I provides geospatially powered solutions, including ERDAS technologies, to the public safety and security, defense and intelligence, government, transportation, photogrammetry, and utilities and communications industries. Intergraph Government Solutions (IGS) is a wholly owned subsidiary of Intergraph Corporation responsible for the SG&I U.S. federal and classified business.

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