Intergraph®’s Interoperability Framework for CAD provides a platform for standards-based multi-agency and multi-jurisdictional interoperability based on Microsoft® BizTalk® Server. Designed to aid coordinated incident response, the framework supports enterprise integration, information-sharing, and the use of customer-specific business rules that handle pre-defined situations, which streamline operations and reduce errors. This integration framework includes services for connecting computer-aided dispatch (CAD) messages to/from external systems, an orchestration engine to apply applicable business rules and transform messages in/out of CAD, and the ability to invoke CAD commands via other application products.

Using the latest technologies, our platform simplifies workflows and protects your investment for the future. The use of loosely coupled interfaces reduces the cost of ownership, while ease of information-sharing of event, unit, and other critical information across multiple CAD systems increases operational efficiencies by providing cross-agency collaboration. Advanced notifications interfaces give police, fire, emergency, and security forces the ability to notify a wide variety of recipients through different types of media. Our emergency response software also supports the unique interface requirements for assisting in the dispatch of police, fire and emergency medical services (EMS) resources to emergency events, and provides the tools needed to quickly respond to these and other major incidents.

Features and Benefits

• **Simplifies Communications** – Leverages the proven Microsoft BizTalk platform to handle the complexities of communicating among disparate systems and enabling information to flow easily among agencies

• **Enables Regional Cooperation** – Provides a critical tool for establishing regional, interoperable security networks that permit fast response to large-scale incidents

• **Supports Custom Business Rules** – Streamlines operations and reduces errors by building in common, pre-defined scenarios you can customize for your agency’s needs

• **Supports Police, Fire, and EMS** – Addresses the unique requirements for dispatching police, fire, and EMS resources to emergency events, resulting in quicker, more coordinated response

• **Automates Notifications** – Lets police, fire, emergency, and security forces notify a broad range of recipients using a variety of media types

• **Offers Strong Return on Investment** – Promotes open and interoperable systems that reduce the cost of ownership and increase operational efficiencies through better information-sharing

• **Supports Scalability Up or Out** – Enables system scalability according to your agency’s unique requirements

• **Allows Easier Upgrades** – Reduces the complexity of software upgrades, since the user interface is not tightly bound to CAD

• **Supports Interoperability** – Uses the applicable National Information Exchange Model Information Exchange Package Documentation (IEPDs) for more packaged, interoperable workflows

Intergraph’s Interoperability Framework for CAD gives you the tools to coordinate with agencies at all levels using standards such as NIEM information exchange package documentation for Amber Alerts, E9-1-1 CAD to CAD, and event notifications to an external portal — all of which improve communications during critical incidents.
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. Intergraph is a wholly owned subsidiary of Hexagon AB (Nordic exchange: HEXA B). For more information, visit www.intergraph.com and www.hexagon.com.

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