Every second matters in an emergency. Calltakers and first responders not only need the right information, they need it fast. The most important detail being where to find people in need. The VESTA® Map Local solution from Airbus DS Communications rises to the challenge, supplying pinpoint locations easier than ever.

An increasingly mobile society tests the abilities of Calltakers to locate 9-1-1 callers and dispatch critical resources. Add in the complexities of managing calls with disparate systems, and response times are greatly impacted, putting lives at risk. At Airbus DS Communications, we recognize the need for technological advancements. Yet, we also know they must be implemented with as minimal effects to Calltakers’ workloads as possible. For these reasons, we are proud to offer the VESTA® Map Local solution for Next Generation 9-1-1 (NG9-1-1) client-based mapping.

Designed to support one or more Public Safety Answering Points (PSAPs) in a local area, the VESTA Map Local solution provides Calltakers with the location details they need for improved decision-making and enhanced response. Plus, the solution integrates with the VESTA® 9-1-1 system, also from Airbus, for seamless NG9-1-1 call handling from start to finish, saving valuable seconds when they matter most.

To illustrate, when a call comes in, the VESTA 9-1-1 system requests the 9-1-1 caller’s Automatic Location Information (ALI), and the VESTA Map Local solution gets to work. First, it plots the call and its call type – wireline, Phase I or II, Voice over IP (VoIP), SMS or Telematics – using a unique icon on a digital map. For Phase II calls, the solution will display a confidence zone around the icon to show the caller’s potential location area. It will also check the RapidSOS NG9-1-1 Clearinghouse for the caller’s device-based hybrid location, a more accurate location, which it will add, if available. This means Calltakers now have the potential to also have more accurate locations for indoor wireless calls.

In addition, the VESTA Map Local solution is one of the first to utilize the innovative Esri® ArcGIS Runtime Software Development Kit (SDK), bringing full capability of the ArcGIS platform to the VESTA Map Local solution. The result is unprecedented user performance and map display speed, as well as access to powerful capabilities. These include interactive mapping tools for
intuitive searches, as well as shared bookmarks for improved collaboration within and among local PSAPs. The technology also allows Internet delivery of ArcGIS Online maps, expanding Calltakers’ views beyond their own geographical borders to better assist callers outside their area, as well as other PSAPs when back-up services are needed.

Advanced features, such as indoor building floor plan display, Pictometry and centralized map data distribution, are also available to boost capabilities. It’s these benefits and more that make the VESTA Map Local solution a solid foundation and smart investment for the now and future of your PSAP’s Public Safety communications.

**AT THE HOME OF VESTA®, YOUR CRITICAL MATTERS®**

As the world’s most reliable source for Next Generation Public Safety communications, we keep people connected when it matters most. Our VESTA® solutions serve more than 60% of all U.S. Public Safety Answering Points, as well as Federal DoD operations globally. Our Emergency Notification products support the communications needs of hundreds of public and private sector organizations, and our Land Mobile Radio system delivers a true, non-proprietary P25 Radio solution. It’s this innovation that earned us Frost and Sullivan’s 2016 Best Practices Award as the NG9-1-1 Company of the Year.

To learn more, call 951.719.2100 or visit us online at www.Airbus-DSComm.com.

**KEY BENEFITS/**

**OPTIMAL USER EXPERIENCE**
- Provides a detailed, yet easy-to-use interface for viewing and managing incidents on digital maps
- Expands Calltakers’ views beyond their jurisdictional lines, helping them to more easily locate wireless callers on ArcGIS Online maps
- Displays call types (wireline, Phase I and II, VoIP, SMS and Telematics) on the map using unique icons for a comprehensive view
- Streamlines call handling processes by displaying 9-1-1 call type and location information as layers versus disparate system views

**OPERATIONAL EFFICIENCIES**
- Saves Calltakers’ valuable time through use of interactive mapping tools, measuring area and distance with address and search tools
- Expedites response by bringing GIS data to the forefront of decision making
- Requires minimal clicks for effective use, also reducing response time
- Allows first responders to better serve wireless callers by following their movement and displaying a confidence zone of their location

**FLEXIBILITY & RELIABILITY**
- Utilizes new and powerful Esri technology, enabling a future-proof solution and a smart investment
- Enhances collaboration within a PSAP or with other local PSAPs via shared bookmarks
- Integrates seamlessly with the VESTA 9-1-1 Call Handling system for an inclusive NG9-1-1 call handling solution