PRODUCT SHEET

Octave Attune EAM + ESRI GIS integration

See your assets. Everywhere.

The power of two industry leaders, one integrated solution

Combine Octave Attune EAM (formerly HxGN EAM), trusted by thousands for over 30 years, with ESRI ArcGIS, the world's leading GIS platform, to transform how you manage assets across any geography.

Keep reading to discover how Attune EAM and ESRI ArcGIS integration can simplify asset management, improve decision-making and give you the complete picture, right at your fingertips.

What this integration delivers

Complete asset visibility - Instantly locate assets on interactive maps with full maintenance history, condition data and spatial relationships—all in one view.

Smarter work management - Create, dispatch and optimize work orders using real-time location data. Reduce travel time, cut fuel costs and improve response times.

Field-ready technology - Equip technicians with mobile GIS capabilities that work online or offline. Search assets, complete inspections and update data, all from the map.

Linear asset mastery - Track pipelines, power lines and roadways by segment. Identify precise locations and conditions for faster, more accurate maintenance.

Go paperless in the field - Eliminate paper processes. Capture field data digitally and guide work with mobile checklists powered by geospatial intelligence.

Perfect for -

- **Utilities:** Manage water, gas and electric networks across vast territories
- **Transportation:** Track fleets, routes and infrastructure assets
- **Government:** Oversee roads, bridges, buildings and public assets
- **Oil and gas:** Monitor pipelines and facilities with regulatory precision
- **Education and healthcare:** Manage multi-campus operations efficiently

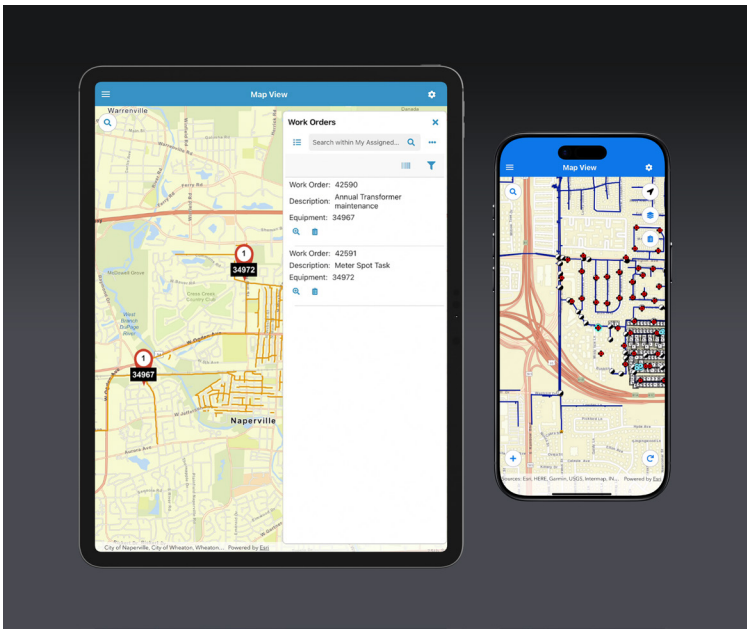


Figure 1: Field and office teams with GIS-driven tools can easily search, edit and manage assets, create work orders and perform inspections, online or offline, while sharing maps and streamlining workflows for greater accuracy and collaboration.

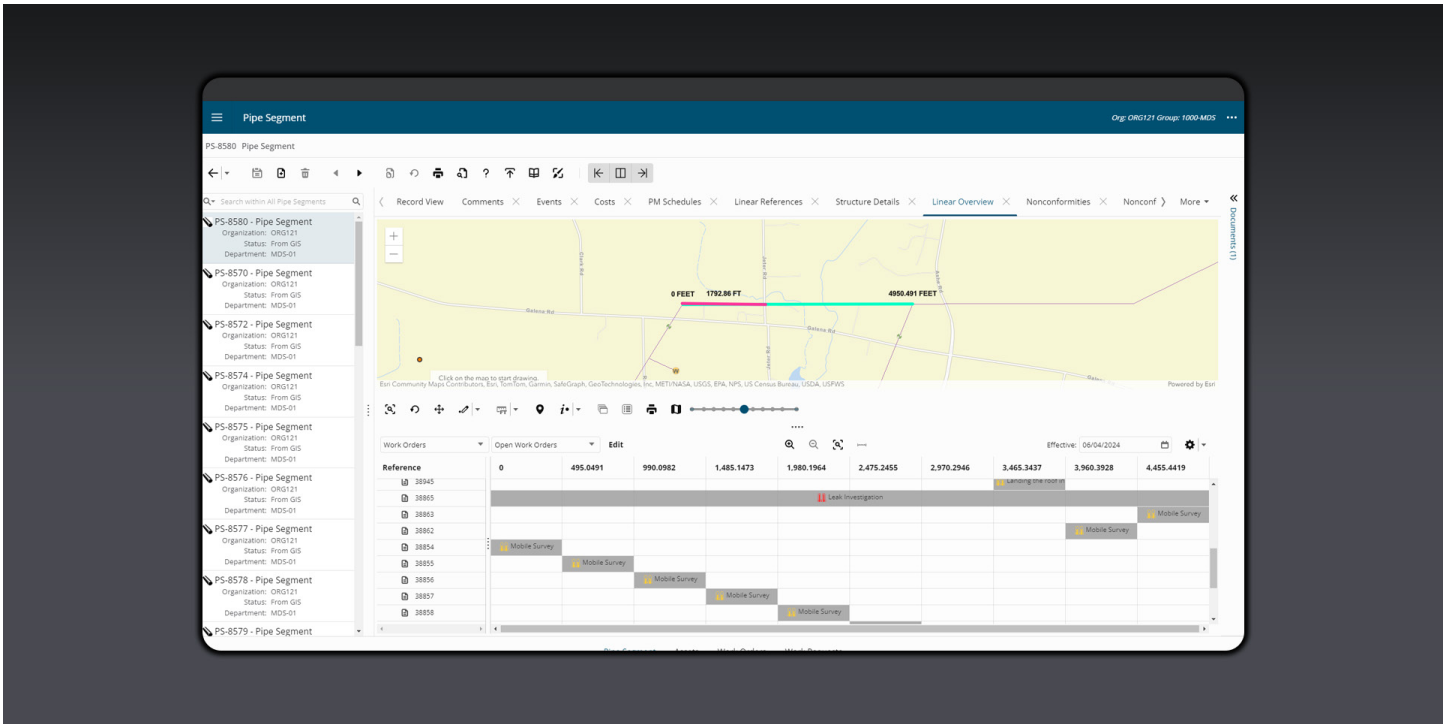


Figure 2: Enable map-based asset management by locating and tracking assets, monitoring conditions and streamlining work processes through mobile tools, eliminating paper and improving maintenance efficiency.

Deployment your way -

- **Cloud-based:** ESRI's SaaS solution for maximum flexibility
- **On-premises:** Full integration with ArcGIS Enterprise
- **Hybrid:** Mix and match to fit your IT strategy

Core capabilities

Attune EAM integration - Access powerful GIS capabilities directly within the Attune EAM desktop application:

- **GIS map search:** Search for assets using geographical criteria across multiple map layers, with the ability to filter equipment by GIS criteria, EAM criteria or both
- **Route definition:** Schedule route-based work orders for groups of equipment in specific areas, selecting route stops in the proper sequence for optimal efficiency
- **Work order creation:** Create work orders directly from the map view, with automatic attachment of GIS maps when work orders are released
- **Work dispatching:** View work locations in relation to employee or crew positions before dispatching, optimizing assignments and reducing travel time
- **Equipment visibility:** View both point assets and linear assets with full attribute information
- **Call center integration:** Enable call center staff to quickly locate assets and create service requests based on geographical information

Mobile GIS capabilities - Empower field technicians with full GIS functionality on mobile devices:

- **Map-based search:** Search for and locate assets directly from interactive maps on mobile devices
- **Work order management:** View and add work orders directly from the map interface, streamlining field operations
- **GIS feature management:** Add new GIS features and edit GIS attributes directly from the field
- **Online and offline access:** Work with or without connectivity through Mobile Offline capabilities
- **Shared base maps:** Share base maps between users for consistent geographic reference
- **Multi-map management:** Manage and access multiple maps on a single device
- **Linear asset inspections:** Perform nonconformity inspections on linear assets directly from the mobile interface

ESRI ArcGIS integration - For GIS professionals working in the ESRI environment, the integration provides:

- **EAM toolbar:** Access Attune EAM functionality directly within ArcGIS applications
- **Synchronization configuration:** Define and schedule automatic data synchronization between Attune EAM and GIS systems
- **Work order management:** Create, view and search work orders directly from ArcMap
- **Asset mapping:** Map assets and their attributes for comprehensive spatial analysis

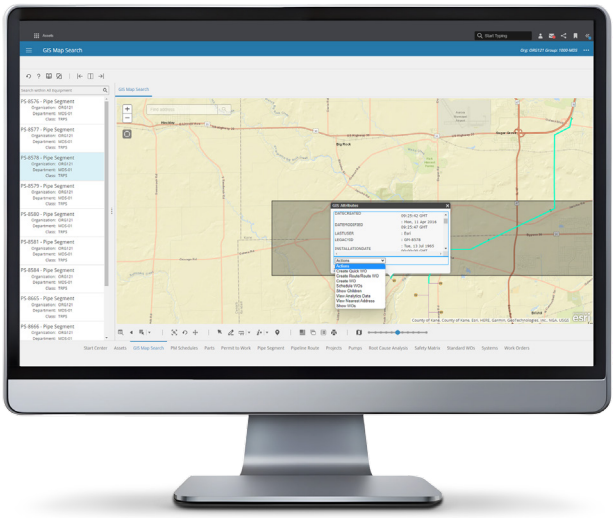


Figure 3: By visualizing work orders and crews on the map, dispatchers can optimize routes, minimize travel time and reduce fuel costs.

Why organizations choose this integration

- **Market-proven:** Search for and locate assets directly from interactive maps on mobile devices
- **Comprehensive:** View and add work orders directly from the map interface, streamlining field operations
- **Scalable:** Add new GIS features and edit GIS attributes directly from the field
- **Innovative:** Work with or without connectivity through Mobile Offline capabilities
- **Bidirectional sync:** Share base maps between users for consistent geographic reference

The result?

Extended asset lifecycles with accurate inspections and timely maintenance

Better decisions by offering contextual asset visibility and GIS attributes

Reduced operational costs through optimized routing and offline capability

Faster response times with mobile access and real-time dispatching

Improved efficiency with work orders and GIS edits from the map

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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