OEM GIS Strategy

2026-2027

Table of Contents

GIS Program Coordinator's Message

The Oregon Department of Emergency Management (OEM) is committed to providing essential guidance for emergency management throughout the state. Our agency's role includes delivering tools and data that support informed decision-making across the full emergency management cycle.

The purpose of this plan is to strengthen and advance our GIS program so that we can provide the level of support needed to enhance the use of geospatial tools in emergency management statewide.

This GIS strategy is informed by feedback from our partners and by broader initiatives designed to support emergency management professionals in Oregon and nationally. Development of this document involved coordination with the Emergency Management GIS Interest Group (EMGIG), Oregon's GIS program leaders, the Oregon Geographic Information Council, and OEM staff.

I would like to extend my appreciation to all who contributed comments, reviews, and feedback. Your engagement has been essential to helping our agency grow strategically in this critical area.

As we all know, disasters come in all shapes and sizes, but we all face similar issues when it comes to data and information sharing. Leveraging these GIS data and tools provides us with a way to share easy-to-read and understand information to the communities we serve and our response partners – in an effort to all sing off the same sheet of music.

- Daniel Stoelb, GIS Program Coordinator

OEM GIS Program Coordinator Daniel Stoelb briefing legislators on OEM's public facing GIS tools

MISSION

To utilize Geographic Information Systems (GIS) technology to enhance Oregon's emergency management capabilities, fostering proactive preparedness, efficient response, and resilient recovery efforts to safeguard lives and property.

Introduction

In the face of ever-evolving threats posed by disasters and human-made emergencies, the Oregon Department of Emergency Management (OEM) plays a key role in providing assistance to our local, Tribal, private sector, and state partners. As the landscape of hazards continues to change, so must our strategies for mitigation, preparedness, response, and recovery. By harnessing the power of Geographic Information Systems (GIS), we can transform our approach to emergency management, ensuring that we are equipped with the necessary tools and insights to protect the communities we serve.

This GIS strategy serves as a blueprint for integrating location and spatial intelligence into every facet of emergency management operations within OEM. By leveraging GIS technology, we aim to enhance our ability to respond during times of crisis. Through a combination of data-driven analysis and collaborative partnerships, we will bolster our capacity to anticipate, prepare for, mitigate, respond to, and recover from the impact of disasters across the state of Oregon.

Key goals of this GIS strategy include:

- **Enhancing Data Integration, Standardization, and Security**: Streamlining the collection, integration, and dissemination of geospatial data from diverse sources to ensure real-time access to critical information for emergency responders, decision-makers, and the whole community.
- **Illustrating Data Equity and Accessibility:** Presenting information in a variety of languages and formats, ensuring that users understand and comprehend what is being shown.
- **Strengthening Hazard Mapping and Risk Assessment**: Developing comprehensive hazard maps and risk assessment tools to identify vulnerable areas, prioritize mitigation efforts, communicate risk and mitigation strategies, and support proactive planning initiatives.
- **Improving Situational Awareness and Decision Support**: Implementing GIS-based dashboards and visualization tools to provide decision-makers with real-time insights into evolving emergency situations, enabling timely and informed decision-making and clear communication before, during, and after disasters.
- **Facilitating Interagency Collaboration**: Fostering collaboration and information sharing among state agencies, local and tribal governments, federal partners, and community partners to promote a coordinated and effective response to emergencies at all levels.
- **Empowering Community Partners' Engagement and Resilience**: Engaging with communities to enhance their understanding of local hazards, empowering them to build self-sufficiency, and foster a culture of resilience – while also creating meaningful pathways

for communities to inform and shape our approach, ensuring OEM data aligns with their needs.

- **Investing in Technology and Capacity Building**: Investing in the latest GIS technologies and providing training opportunities for OEM staff and emergency management partners to build expertise and capacity in GIS applications.
- **Supporting 9-1-1 Call Mapping in Public Safety Answering Points (PSAPs)**: Improving GIS data quality and completeness and supporting GIS development for emergency call mapping solutions and Location Based Routing to reduce and improve response times, better allocation of local resources, and ultimately save lives.
- **Developing Statewide GIS for a Modernized NG9-1-1 System**: Engaging with PSAP 9-1-1 GIS Data Providers in meeting National Emergency Number Association (NENA) Next Generation 911 (NG9-1-1) standards.

By pursuing these goals, we aim to position OEM as a leader in emergency management innovation, enhancing our standard for preparedness and resilience in the face of increasingly complex events and disasters. Through collaboration, innovation, and a commitment to the safety and well-being of all Oregonians, we strive to build a more resilient and prosperous future for generations to come.

History of GIS Implementation at OEM

2004	• 9-1-1 Program GIS position created
2005	• GIS project to implement GIS in Public Safety Answering Points (PSAPs) started
2007	• 9-1-1 Program GIS position updated to 9-1-1 GIS Coordinator
2009	• 9-1-1 GIS Database Analyst position created
2010	• Virtual USA Pilot Project Program results in Virtual Emergency Network of Multnomah (VENOM) situational awareness product • 9-1-1 GIS data sharing agreements put in place for sharing data between 9-1-1 and the State Emergency Coordination Center (ECC)
2011	• Real-time Assessment and Planning Tool for Oregon (RAPTOR) released, featuring key data from partners on a centralized platform
2012	• GIS Program Coordinator position created • GIS Servers implemented at OEM
2014	• iRAPTOR released
2015	• First data snapshots taken - featuring transportation network impacts, weather watches and warnings, local storm reports, and activated Emergency Operation Centers (EOCs). Data included in disaster declaration request for December Severe Winter Storms (DR-4258)
2016	• Cascadia Rising Exercise testing RAPTOR capabilities, featuring 23 different agencies populating data from the status of infrastructure to live guard troop locations
2017	• Collapsed structures digitized in RAPTOR incidents point layer included as part of disaster declaration submittal for January Winter Storms (DR-4328)

	• Evacuation layer solution released, featuring ability for local/tribal/state/partner agencies to contribute boundary information for evacuations issued in Oregon • First storymap released for January 2017 winter storm disaster activity • Solar eclipse events data form released, combined with eclipse configuration of RAPTOR to display community-submitted data
2018	• New incident response information system (IRIS) datasets added to RAPTOR, featuring over 200 state-compiled datasets
2019	• First disaster storymap produced for February 2019 winter storms, templating future disaster storymaps • Declarations boundaries from OpsCenter crisis management software added to RAPTOR • News media embeds of public RAPTOR in articles discussing Milepost 97 fire activity • Hazard situation overview application released • OEM Hub site released • Governor's Disaster Cabinet Exercise storymap released
2020	• Evacuation service transitioned to hosting on ArcGIS Online, with group access through the platform • Analytics started on evacuation service to determine estimated population impacts • Fires and hotspots dashboard released, with over 1 million hits in one day on the dashboard • 2020 Wildfire response and recovery overview application released • Special Achievement in GIS award received from the Esri Disaster Response Program
2021	• ArcGIS Notebook script released - automating processes to analyze population impacts for evacuation boundaries • Oregon Damage Assessment Project solution released • Natural Hazard Mitigation Status dashboard released • First statewide GIS after action report and improvement plan released
2022	• Evacuation upload utility released, allowing users to upload their own boundaries to the state evacuation layer • Evacuation layer updated to feature all-hazards type • CNN article featured OEM wildfire dashboard • 95 million views of evacuation data service, 10 million in one day • Oregon Search and Rescue Incident Database (OSARID) solution released • Mitigation Acquisition Properties survey solution released • Oregon Emergency Management GIS Interest Group (EMGIG) formed • Integration and information exchange established with the Business Emergency Operations Center (BEOC)
2023	• Del Norte County, California evacuation data populated in Oregon's data service for cross-state situational awareness • 180 million views of evacuation service throughout the year, with 9.3 million in one day

	• New fire portfolio application released, with 1.1 million views since inception on July 31st • Hazard situation overview individual hazards dashboards updated to the portfolio application template • State Preparedness and Incident Response Equipment (SPIRE) solution released • Risk MAP position created
2024	• GIS program coordinator position transitioned to underneath Chief Information Officer as a shared service to the agency • Fire season preparation training on evacuation service solutions started • Integration with Clackamas County evacuation boundaries • Integration with Genasys EVAC mapping solution • 2024 Award for Excellence in Public Safety GIS award received from the National Alliance for Public Safety GIS Foundation
2025	• Integration with Perimeter evacuation mapping solution • High water marks survey developed

Goals

The implementation and efforts documented within the OEM GIS Strategy reflects the influence of OEM's Agency Strategic Plan, which focuses on these core goals:

> **Accountability:** clear prioritization of agency goals and objectives communicated transparently through all levels of the agency and externally to our partners.
>
> **Equity and Service:** create a culture of excellence that empowers and supports IDEA and a customer service ethic in delivering emergency management services to partners throughout all phases of emergency management.
>
> **Modernization:** standardization and prioritization of systems and processes to ensure the right tool is used at the right time to meet the right need.
>
> **Readiness:** cultivate and retain a skilled workforce scalable to respond to blue-sky and grey-sky days effectively and efficiently.

This section describes the goals and objectives for OEM's GIS strategy moving forward and which agency strategic goals they reflect:

Goal 1: Enhancing Data Integration, Standardization, and Security

Supports agency strategic goals of accountability and equity and service.

Streamlining the collection, integration, and dissemination of geospatial data from diverse sources will ensure real-time access to critical information for emergency responders, decision-makers, and the whole community.

A key foundation of GIS is presenting information in reference to location. As GIS data continues to evolve, it is important to have a diverse scope of this data and its context to spatial location. For

example, showing where something is in relation to something else may provide insights into who and what might be impacted by specific natural hazards.

Pulling information from authoritative sources and displaying it in a common format allows the user to understand and interpret the GIS data appropriately. To do this, specific information about the GIS data must be presented and maintained. This information about GIS data is commonly referred to as "metadata". Standardizing metadata and documenting the source helps address any concerns about the legitimacy of the data itself. Understanding how often this data is updated provides context for how accurate the data is and how to utilize the information in subsequent products built off any analysis of this data.

OEM's role in data management is critical to sharing information across a wide variety of users for situational awareness and business processes. As we are in many ways a pass-through of this data, maintaining appropriate security of this information is critical – to ensure data is protected if related to critical assets or infrastructure, shared with necessary partners through ArcGIS Online groups and other data-sharing means, and available to share with the public if necessary. Utilizing the Department of Administrative Services (DAS) information security classification methodology will reinforce already established criteria to secure GIS data appropriately.

Goal 2: Illustrating Data Equity and Accessibility

Supports agency strategic goal of equity and service.

As part of OEM's Inclusion, Diversity, Equity and Accessibility (IDEA) efforts, OEM is committed to making data accessible and easy to read and understand for a wide variety of audiences. OEM strives to provide relevant data that is accessible to the communities we serve. This includes the provision of resources in multiple languages, ensuring that data is screen-reader capable, and viewable by individuals with color-blindness or visual impairments, and other accessibility considerations.

Ensuring that resources are available to diverse communities also requires an understanding of the communities we serve. Utilizing demographic data and engaging with communities about their needs is essential to this understanding. This approach enables knowledge of the linguistic diversity of our communities, what demographics comprise our state and where equity gaps persist. This will help OEM provide the necessary information to support the whole community throughout disaster prevention, mitigation, preparedness, response and recovery.

Goal 3: Strengthening Hazard Mapping and Risk Assessment

Supports agency strategic goals of accountability and equity and service.

Comprehensive hazard maps and risk assessments help identify vulnerable areas, prioritize mitigation efforts, communicate risk and mitigation strategies, and support proactive planning initiatives.

Knowing and understanding risks in communities can address gaps in data and forecast potential impacts to the communities OEM serves. The Risk MAP (Mapping, Assessment, and Planning) program at OEM contributes to filling data gaps and encouraging community conversations around

natural hazard planning and mitigation efforts. For example, understanding areas of flood risk helps community members determine where properties can be built and where special flood hazard land use restrictions apply, and helps empower the community to reduce their current and future flood risk.

Collaborating with communities to get local feedback on their priorities and concerns helps direct mitigation efforts and natural hazard risk communication outreach. Additionally, risk assessment draws from local and tribal natural hazard mitigation plans (NHMPs) and the priorities and mitigation strategies that local and tribal partners have developed as part of these plans. This helps direct mitigation outreach efforts and assists in building data collection plans for areas that lack recent natural hazard data and integrates further with the state NHMP.

Goal 4: Improving Situational Awareness and Decision Support

Supports agency strategic goals of accountability, equity and service, modernization, and readiness.

Implementing GIS-based dashboards and visualization tools provides decision-makers with real-time insights into evolving emergency situations, which enables timely and informed decision-making and clear communication before, during, and after disasters.

Presenting information to decision-makers is one of the foundational aspects of how GIS was built at OEM. Advancing our capabilities to visualize and template key data through every facet of our response efforts leads to a more informed decision-making process. Providing these insights into the impacts of an event helps assist in the assessment process of “how bad is this” and what may need to be done to support jurisdictions impacted by these events. The process for analyzing information should also be standardized to ensure that reports are consistently generated, with a clear understanding of what areas of impact are and what may be affected by the event.

Integration with future systems is a necessity, especially as OEM looks to acquire a new crisis management software solution to replace the existing OpsCenter platform. As technology changes, GIS data and tools must cross-pollinate with all platforms.

Goal 5: Facilitating Interagency Collaboration

Supports agency strategic goals of accountability and readiness.

Fostering collaboration and information sharing among state agencies, local and tribal governments, federal partners, and community partners promotes a coordinated and effective response to emergencies at all levels.

Emergency management is fundamentally tied to pulling together the right people to discuss what needs to happen to prepare, mitigate, respond, or recover from an event, all key considerations in effective utilization of GIS data. Many agencies maintain data and are authoritative providers of this information. Building partnerships with these agencies ensures access to the appropriate data, with the ability to view the latest authoritative information when we need it most. These partnerships can be further enhanced by integration with exercises and planning discussions

revolving around the use of data – what they need, what they have, and how they can provide that information.

Building partnerships with the whole community helps to leverage existing capabilities, but also provides opportunities for outreach, sharing lessons learned, and identification of needs.

Goal 6: Empowering Community Partners' Engagement and Resilience

Supports agency strategic goals of accountability, equity and service, modernization, and readiness.

Engaging with communities to share data can enhance their understanding of local hazards, empower them to participate in emergency planning efforts, and foster a culture of resilience while also creating meaningful pathways for communities to inform and shape our approach, ensuring it aligns with their needs.

All incidents begin and end at ground level. Having the means to capture information as close to ground level as possible is critical in providing adequate situational awareness and a common operating picture. The same is true for preparing for future events and building resilience in the communities we serve.

Engaging, collaboration and continuous alignment with the whole community in the use of GIS tools and solutions builds a more informed community. GIS can present a clearer understanding of where communities are in relation to the risks posed by current and future events, involve them in data collection during disasters, or help them develop resources to respond to a major event. Providing opportunities for continuous feedback on these tools allows for shared ownership and investment in the outcomes and data collection necessary in the development and improvement process.

Training and support to local, tribal, state, and private sector partners on using GIS tools builds further capacity for data sharing and interpretation. The GIS program will work closely with the OEM Exercise Program to identify opportunities to participate in statewide exercise events to encourage and building out the GIS role and what solutions can be designed, built, and presented – all with the goal of enhancing situational awareness with response partners at all levels.

Goal 7: Investing in Technology and Capacity Building

Supports agency strategic goals of accountability, modernization, and readiness.

Investing in the latest GIS technologies and providing training opportunities for OEM staff and emergency responders builds expertise and capacity in GIS applications.

Experimentation and innovation in GIS tools, technologies, and applications provide the ability to address issues and challenges unique to emergency management. To address new and evolving threats in today's ever-changing world, GIS solutions must change and adapt as well. GIS staff at OEM will investigate, experiment, and attend external training to develop a more thorough understanding of the capabilities of the platform and how solutions might be built to address issues.

Additional staff who are comfortable with OEM GIS standards and procedures can help create data solutions during emergency situations and bring their knowledge of partnerships and tools to the Emergency Coordination Center (ECC) when activated. Building capacity and expertise at OEM allows for greater utilization of this technology and provides bench-depth and continuity of operations when GIS is relied upon during activations and other real-world events and exercises.

Goal 8: Supporting 9-1-1 Call Mapping in Public Safety Answering Points (PSAPs)

Supports agency strategic goals of accountability and equity and service.

Improving GIS data quality and completeness and supporting GIS development for emergency call mapping solutions and Location Based Routing will reduce and improve response times, better allocate local resources, and ultimately save lives.

OEM's State 9-1-1 program has featured GIS as a key component since the inception of enhanced 9-1-1, allowing dispatchers at public safety answering points (PSAPs) to see where the caller was located. This map provided additional context to the location of the caller, enabling more datasets to be shown in reference. Location accuracy is a critical component of 911 GIS data, as lives depend on accurate call routing and visual displays of data. Getting first responders to the scene of a 911 event is critical – especially when seconds matter.

Goal 9: Developing Statewide GIS for a Modernized NG9-1-1 System

Supports agency strategic goals of accountability, equity and service, and modernization.

In a Next Generation 911 (NG9-1-1) system, GIS data will be utilized to route emergency calls to the appropriate PSAP. The accuracy of the data, combined with baseline standards for this data, is critical to ensure that callers are sent to the appropriate PSAP with the resources to respond.

OEM will take a GIS-centric approach to the planning and implementation of NG9-1-1 by coordinating with PSAPs and their 9-1-1 GIS Data Providers on the development of geospatial information that is essential for core NG9-1-1 functionality known as Next Gen Core Services (NGCS).

We will align the GIS/MSAG Funding Policy by adopting the nationally recognized NENA NG9-1-1 GIS Data Model standard to create a statewide, standardized GIS dataset to replace the tabular databases currently used to route 9-1-1 calls to the correct PSAP.

Implementation Plan

Each goal and its associated objectives have a timeline with a target completion date, and one or multiple owners that will be responsible for overseeing and coordinating its completion. Accomplishing goals and objectives will require support and cooperation from numerous individuals, groups and agencies.

OEM's implementation plan is shown in the table below.

OEM GIS Strategy Goal 1: Enhancing Data Integration, Standardization, and Security

Objective	**Partners**	**Completion Date**
Implement guidance and mechanisms for integrating diverse data sources into the GIS platform.	Information Technology	January 2027
Implement integration for two-way information sharing between the Everbridge and Esri ArcGIS Online platform, ensuring appropriate situational awareness between systems for blue-sky and grey-sky operations.	Watch Center, Information Technology, Statewide Interoperability Coordinator Office, Esri, Everbridge	June 2027
Build metadata for authoritative OEM GIS content served on the Oregon ArcGIS Online platform.	Information Technology	January 2027
Develop a standardized approach to the development of new (and maintenance of existing) OEM GIS products (i.e. project plan documentation, user acceptance, request process, project tracking, data backups).	Information Technology	January 2027
Develop and implement a cartographic standard for OEM.	Information Technology	January 2027
Develop and implement a location standard for data not available initially in GIS services or formats.	Information Technology	January 2027
Develop and implement GIS data classification and ownership standards for information owned and maintained by OEM.	Information Technology	January 2028

OEM GIS Strategy Goal 2: Illustrating Data Equity and Accessibility

Objective	Partners	Completion Date
Develop and implement accessibility standards for public-facing OEM GIS content (including visual impairments and language accessibility).	Information Technology, Strategic Communications, Chief Resiliency Officer	January 2028
Translate public-facing data collection utilities into the top 5 languages spoken in Oregon.	Information Technology, Response, Recovery, Strategic Communications, Chief Resilience Officer	January 2028

OEM GIS Strategy Goal 3: Strengthening Hazard Mapping and Risk Assessment

Objective	Partners	Completion Date
Map mitigation project efforts and interests to encourage community collaboration on grants.	Mitigation	September 2027
Promote using standard tools to collect and maintain high water mark (HWM) data from flood events to inform data collection and flood modeling by federal partners.	Mitigation, Silver Jackets, US Army Corps of Engineers, US Geological Survey	Annually by January

OEM GIS Strategy Goal 4: Improving Situational Awareness and Decision Support

Objective	Partners	Completion Date
Build a centralized data repository, featuring information from emergency management partners, real-time sources, field reports, and satellite imagery.	Watch Center, Emergency Support Functions, Response, Information Technology, OERS Council, State Recovery Functions	May 2027
Implement a solution to track, visualize, and display OEM owned asset locations in the field.	Information Technology, Response, Preparedness, Statewide Interoperability Coordinator Office	January 2028
Equip field personnel with technologies to collect field data pertinent to the event, such as damage assessments, field reports, and other data.	Response, Recovery, Regional Coordination, Tribal Liaison	January 2027
Develop predictive modeling capabilities to anticipate the impact of hazards and inform proactive decision-making.	Watch Center, Preparedness, Response, Recovery, Mitigation,	July 2027

	Statewide Interoperability Coordinator Office, Information Technology	
Develop standardized templates for situational awareness monitoring during blue-sky operations, grey-sky operations, and ECC activations.	Watch Center, Response, Information Technology	December 2026
Develop standard operating procedures for GIS briefings with the private sector and local community organizations active in disaster/volunteer partners for sharing during events.	Public Private Partnership, Response, Voluntary Agency Liaison, Chief Resilience Officer	October 2026
Develop and implement templates for recovery storymaps – featuring data and information regarding successes from grant programs and funding provided by OEM to help communities recover.	Information Technology, Recovery, Strategic Communications, Mitigation	December 2026

OEM GIS Strategy Goal 5: Facilitating Interagency Collaboration

Objective	**Partners**	**Completion Date**
Conduct 1 data-focused exercise with internal OEM decision-makers representing the phases of emergency management. This exercise would include discussions regarding pertinent decision-making requirements and data needs.	Watch Office, Exercise, Information Technology, Response, Recovery, Regional Coordinators, Statewide Interoperability Coordinator Office, Mitigation, Strategic Communications, Chief Resilience Officer, Executive Leadership	May 2027
Establish data-sharing agreements for sensitive data to consume during emergency events or relevant planning, preparedness, mitigation, or recovery activities.	Emergency Support Functions, State Recovery Functions, Response, Information Technology, OERS Council, Public Private Partnership	August 2027
Convene 3 meetings of the Emergency Management GIS Interest Group (EMGIG).	Emergency Management GIS Interest Group	Annually
Convene 3 meetings of the Preparedness Framework Implementation Team (PrepFIT).	Preparedness Framework Implementation Team	Annually
Participate in quarterly meetings of the Oregon Silver Jackets to discuss collaborative GIS projects and share relevant data.	Mitigation, Silver Jackets	Quarterly

Convene 10 meetings of the NG9-1-1 GIS Technical Advisory Committee to coordinate the development of statewide NG9-1-1 GIS.	911, Public Safety Answering Points, Next Generation-GIS Technical Advisory Committee	December 2026

OEM GIS Strategy Goal 6: Empowering Community Partners Engagement and Resilience

Objective	**Partners**	**Completion Date**
Implement State Qualification Standards (SQS) to establish baseline training and position description for the GIS specialist position in an incident command system (ICS) role.	Training	December 2026
Develop guidance on the utilization of GIS in emergency management (specifically how GIS assists in situational awareness and as an additional capability in exercise planning efforts).	Training, Exercise	December 2027
Conduct a minimum of 1 exercise on GIS use in a situational awareness exercise, including participation by other state agency partners and internal OEM staff.	Exercise	December 2028
Create a template for After Action Reports (AARs) focused on GIS.	Exercise, Continuous Improvement	December 2026
Conduct 1 refresher training on the evacuation overview solution in concert with fire season preparation activities by the Oregon Department of Forestry (ODF) and Oregon State Fire Marshal (OSFM).	Training, Oregon Department of Forestry, Oregon State Fire Marshal, Emergency Management GIS Interest Group	Annually by April
Conduct 1 OEM GIS Overview training for the broad emergency management community.	Information Technology	Annually by December
Conduct 1 refresher training on the technical requirements and needs for alert and warning GIS (specifically, support required for OR-Alert).	Training, Statewide Interoperability Coordinator Office, Emergency Management GIS Interest Group	Annually by April
Create emergency management GIS annual report.	Emergency Management GIS Interest Group	Annually by May
Conduct 1 OEM GIS Overview training with the private sector and local community organizations active in disaster/volunteer partners. Specifically geared towards information sharing and collaboration.	Public Private Partnership, Voluntary Agency Liaison, Chief Resilience Officer	Annually by December

OEM GIS Strategy Goal 7: Investing in Technology and Capacity Building

Objective	Partners	Completion Date
Attend annual InSPIRE conference.	Information Technology	Annually
Conduct 1 functional drill with the Office of the Statewide Interoperability Coordinator (SWIC Office) on using mesh networks for GIS work in a disconnected environment.	Exercise, Statewide Interoperability Coordinator Office	May 2027
Staff and participate as ECC GIS Unit in at least 1 functional ECC exercise and 1 real-world event.	Exercise, Response, Mitigation, 911, Information Technology	Annually

OEM GIS Strategy Goal 8: Supporting 9-1-1 Call Mapping in Public Safety Answering Points (PSAPs)

Objective	Partners	Completion Date
Conduct an annual review of a GIS/MSAG Funding Policy and PSAP reimbursement process.	911, Public Safety Answering Points, Next Generation-GIS Technical Advisory Committee	July 2027
Provision updated statewide authoritative PSAP boundaries to originating service providers for the deployment of Location Based Routing, and neighboring state agencies for synchronization of GIS along shared borders.	911, Public Safety Answering Points, Commercial Mobile Radio Service Providers	January 2027 (Annual Update)
Provide input for the procurement and support of PSAP call-mapping solutions	911, Public Safety Answering Points	January 2027

OEM GIS Strategy Goal 9: Developing Statewide GIS for a Modernized NG9-1-1 System

Objective	Partners	Completion Date
Provide subject matter expertise in the procurement of NGCS and other NG9-1-1 GIS-related solutions.	911, Public Safety Answering Points, Next Generation-GIS Technical Advisory Committee	January 2027 (dependent on core services procurement)
Support 9-1-1 Data Providers in meeting NG requirements by providing quality control and data validation tools.	911, Public Safety Answering Points, Next Generation-GIS Technical Advisory Committee	July 2027

Support 9-1-1 Data Providers in onboarding to and provisioning data to NGCS Spatial Interface platform.	911, Public Safety Answering Points, Next Generation-GIS Technical Advisory Committee	June 2026
Educate partners and communicate NG9-1-1 GIS status by maintaining an Informational Hub updated quarterly with progress reports.	911	Quarterly

Approving Authorities

3/25/26

Erin McMahon, OEM Director — Date