



OREGON DEPARTMENT OF EMERGENCY MANAGEMENT

Statewide Crisis Management System

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Senate Committee on Veterans, Emergency Management,
Federal and World Affairs

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ODEM Requirement for Situational Awareness

- Per Oregon State Statute, the Oregon Department of Emergency Management (ODEM) is responsible for:
 - Coordinating and facilitating private sector and governmental efforts to prevent, prepare for, respond to and recover from emergencies;
 - Coordinating the activities of all public and private organizations specifically related to providing emergency services within this state;
 - When OERS transitions from the Oregon State Police to ODEM (HB 2927):
 - Maintaining a system for the notification and interagency coordination of state resources in response to emergencies involving multijurisdictional cooperation between the various levels of government and private business entities.
- ODEM is expected to serve as the centralized repository for situational awareness information to inform the governor and legislature about the threats related to emergencies and provide actionable intelligence about courses of action that should be performed to prevent, protect, respond to, and recover from emergencies.

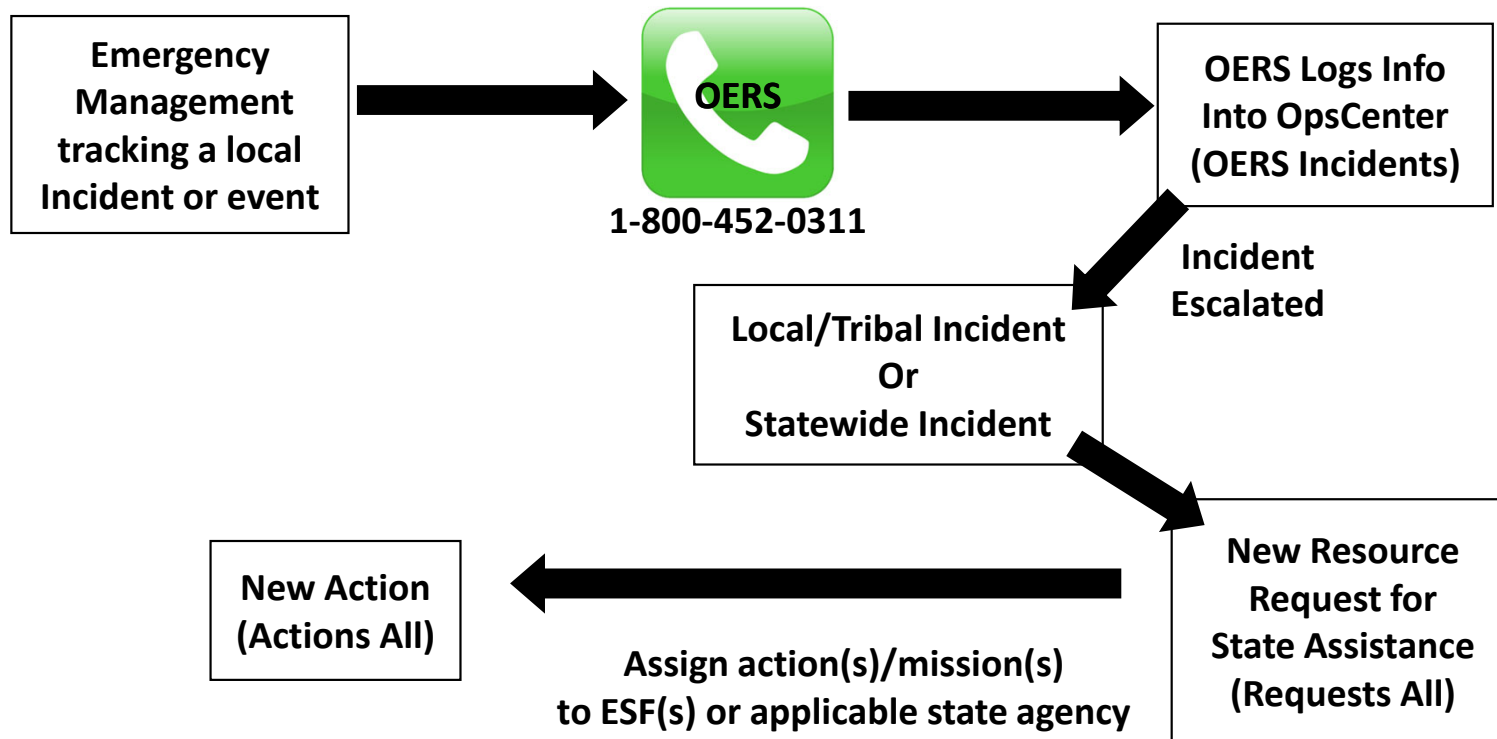


OpsCenter Overview

- OpsCenter is a crisis management software that allows users to view, change or add data related to active incidents.
- OpsCenter is the official software used for documenting requests for state assistance during a disaster (the system of record).
- In place since 2005. First used in 2007 winter storm flooding event.
- There are two components to OpsCenter:
 - Database backend
 - Web interface (website)
- Information is currently being shared between the ODEM application and the Oregon Department of Environmental Quality (DEQ) application (one-way sharing only) for DEQ notified incidents.
- Currently in the state, only ODEM, Baker County, City of Springfield, and DEQ have deployments of this product.
- ODEM's implementation currently has 649 users.



Requests for Assistance in OpsCenter: Start to Finish





Making a Request for State Assistance

- New requests for assistance are entered into the system by the jurisdiction requesting assistance.
- Requests are all tied to individual incidents, which can be difficult for a local jurisdiction to choose between multiple incidents already loaded into the system.

submitting the request. Provide as much detail as possible.

Request

New Release Form Clear Save

This form is used to submit a request for state resources. Please fill out the details below pertaining to your request for state resources.

Tracking Information

This portion of the form is filled out by the organization that is submitting the request. Provide as much detail as possible.

Incident Number

Request Date

Request Time

Check if verbal request

Requesting Name

Title

Requesting Organization

Requesting Organization Contact Information

Request Priority

Request Status

Requesting Organization

Requests All

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| Request Summary | Type Of Resource(S) | Incident | Request Priority | Request Date | Requesting Organization | Requesting Name | Request Identifier | Request Status |
|--|---------------------|---|------------------|--------------|-------------------------|-----------------------|--------------------|--------------------|
| ESF-13: Air transport of environmental samples | Equipment | CGS Exercise February 2018 | 2 Urgent | 02/27/2018 | Oregon, State of | Ken Niles | 1214 | 12-Action Assigned |
| Pediatric Strike Team | Personnel | Multnomah County Mass Casualty Exercise | 1 Life Safety | 11/02/2017 | Multnomah County | Multnomah Co EM Staff | 1213 | 15-Closed |

2022 EMAC: Hurricane Ian (2022-2223)

2022 Statewide Health Care Capacity Resp. Surge (2022-2600)

2022 Statewide Winter Storm Monitoring: December (2022-2885)

2022-2023 Statewide Avian Influenza Monitoring (2022-1037)

2023 Statewide Cold Weather Monitoring (2023-2690)



Making a Request for State Assistance

- ODEM processes the request and assigns the action (mission) to an Emergency Support Function (if there is a state declaration or the Emergency Coordination Center/ECC is activated) or state agency partner (if there is no state declaration/no ECC activation).
- One request may have multiple actions assigned to it.
- **During an activation, agencies should monitor OpsCenter for assignments to their agency.**
- For assignments outside of an activation, agencies will receive an email from ODEM staff.





Action Tracking

- Actions assigned to partners can be viewed within the system and by their individual organization.
- Action changes/updates do not trigger automatic notifications.
- Updates to actions do not carry-over to the original request, forcing users to do redundant work to update the request assigned to them.
- There is no master view of requests and actions status in a single location outside of a snapshot report.

The screenshot shows a software interface titled "Actions (My Organization)". At the top, there is a navigation bar with several icons: a plus sign, a red X, a circular arrow, a gear, a calendar, and a printer. Below the navigation bar is a table with 12 columns: Action Number, ESF, Action Name, Date Required At Site, Incident Name, Incident Number, Lead Agency, Action Manager, Jurisdiction, Request Date, Related Request #, and Status. The table contains three rows of data, all related to "DHS Wildfire Exercise" incidents on 11/28/2023. The first two rows have a status of "03-Assigned" and the third row has a status of "13-Staging".

| Action Number | ESF | Action Name | Date Required At Site | Incident Name | Incident Number | Lead Agency | Action Manager | Jurisdiction | Request Date | Related Request # | Status |
|---------------|--------|--|-----------------------|-----------------------|-----------------|--------------------------|-----------------|--------------|--------------|-------------------|-------------|
| OEM-2023-0094 | ESF 04 | Strike teams needed for initial attack on wild fires in the state | 11/28/2023 | DHS Wildfire Exercise | 2023-0052 | Forestry, Oregon Dept of | Carpenter, Todd | Polk County | 11/27/2023 | 1499 | 03-Assigned |
| OEM-2023-0091 | ESF 04 | ESF-4, Strike teams needed for initial attack on wild fires in the state | 11/28/2023 | DHS Wildfire Exercise | 2023-0052 | Forestry, Oregon Dept of | Carpenter, Todd | Polk County | 11/27/2023 | 1499 | 03-Assigned |
| OEM-2023-0088 | ESF 04 | Strike teams needed for initial attack on wild fires in the state | 11/28/2023 | DHS Wildfire Exercise | 2023-0052 | Forestry, Oregon Dept of | Blencourt, Erin | Polk County | 11/27/2023 | 1499 | 13-Staging |



OpsCenter Limitations

- OpsCenter limitations include:
 - The current system is on-premises.
 - Dated technology (circa 2005).
 - Lack of real-time collaboration. System of record only.
 - Difficult to find information, unless you know what you're looking for.
 - No facilitation of resource management, resource typing/tracking (stockpile tracking).
 - System does not support advanced planning its reactive but lacks predictive capability or historical data that can support responsive planning.
 - State agencies and jurisdictions do not use the system to support their crisis management operations.
 - Limited GIS functionality.



GIS Tools Supporting Operations

- Disaster Story Maps: <https://storymaps.arcgis.com/collections/8f13909f2af14774aabeae254dab5cdd>
- Portfolio templates/story maps/incident timeline: <https://geo.maps.arcgis.com/apps/instant/portfolio/index.html?appid=ef3ef593a386461ba529dd70c2d53d39>
- SPIRE equipment tracking using GIS tools: <https://spire-geo.hub.arcgis.com/>
- Mission tracker (pulling data from OpsCenter into a dashboard visually): <https://geo.maps.arcgis.com/apps/dashboards/80649f1556bd4753b8c5f5f8505aeb68>
- RAPTOR and visualizing data on a central map from authoritative sources: *Public: <https://experience.arcgis.com/experience/de78333b0d2544f7a320142174aa20ae>
- SAR Solution: <https://osarid-geo.hub.arcgis.com/>
- Hazard Situation Overview: <https://experience.arcgis.com/experience/9bb52cec4e4943e195a238f160fbcd12>
(consolidating content in an easy-to-read method)
- Evacuation layer overview: <https://storymaps.arcgis.com/stories/7b0a65738c1447dbbac2f46820a422bf>
- Oregon Damage Assessment Utility: <https://oregon-damage-assessment-project-geo.hub.arcgis.com/>



Future System Goals

- Resilient system with redundancy so that the system will be operational when an emergency occurs and is secure from threats to state systems.
- Capitalizes on GIS Tools
- Accessible to all state agencies and jurisdictions to promote an integrated and interoperable system that:
 - Is scalable
 - Promotes information sharing
 - Provides a comprehensive common operating picture from all levels of government, private sector, and non-profit stakeholders.
 - Tracks assets/equipment
 - Tracks incident priorities, resource gaps, and status of response and recovery missions
- Supports operational deployment of resources in support of mission driven priorities on the basis of life safety, incident stabilization, property conservation, and protection of the environment
- Interfaces with OR-Alert, the statewide emergency alerts and warnings notification system.



Questions?
