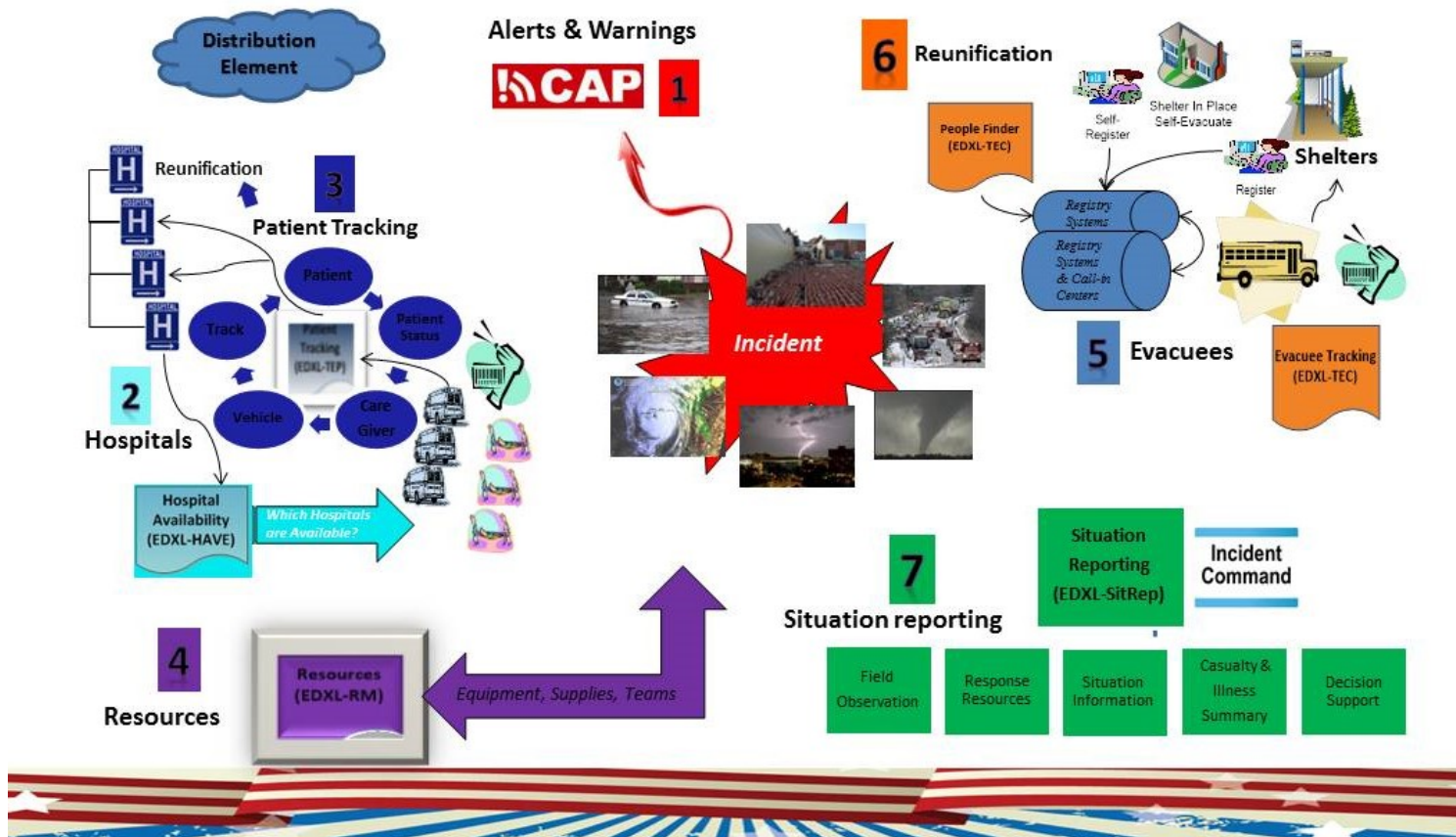


OASIS Emergency Interoperability

Advancing open standards for emergency interoperability and communications

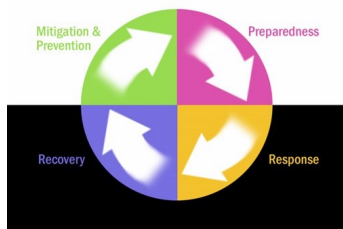
The mission of the OASIS Emergency Interoperability Member Section is to accelerate the development, adoption, application, and implementation of emergency interoperability and communications standards and related work. The EI Member Section endeavors to represent and serve the needs of all constituents in the marketplace, ranging from practitioners to technology providers, from national to international and multinational oversight agencies.

OASIS EMERGENCY DATA EXCHANGE LANGUAGE (EDXL) STANDARDS FOR EXCHANGE OF EMERGENCY INFORMATION



EI Member Section is part of the OASIS Open Standards Network. OASIS is an international consortium that brings companies, governments, academia, and individuals together to solve communications challenges. All are welcome to join and participate in the evolution of our EM standards.





Developing **Emergency Communications Standards** through the full standards lifecycle...from requirements capture to standard creation & adoption services...in alignment with market needs.

EDXL-CAP

The Common Alerting Protocol (CAP) allows consistent warning messages to be disseminated simultaneously over many different systems. This greatly increases warning effectiveness while simplifying the notification task. CAP addresses the challenges posed by the diversity of communication channels and independently developed warning systems. It serves as a universal adaptor for alert messages, defining one message format with features essential for the broad range of alert systems and sensor technologies. The CAP OASIS Standard is also published as International Telecommunications Union (ITU-T) Recommendation X.1303.

EDXL-DE

The Distribution Element (DE) describes a standard framework for packaging and delivering emergency data messages. The DE may be thought of as a container that carries a payload of formatted message sets (such as Alerts or Resource Messages) and facilitates their delivery using key routing data such as distribution type, geography, incident, and sender/recipient IDs.

EDXL-HAVE

Hospital Availability Exchange (HAVE) allows a hospital's status, services, and resources (e.g. bed capacity, emergency department status, available service coverage) to be communicated. With HAVE, emergency dispatchers can make sound logistics decisions on where to route victims. Although some hospitals currently use proprietary technology to publish this kind of information, access to their data is limited to parties that use the same systems. As an open standard, HAVE enables easier interfacing across many different systems.

EDXL-RM

Resource Messaging (RM) describes a set of pre-defined standard messages for coordinating requests for emergency equipment, supplies, and people. RM specifies a document format that allows communication about requests for obtaining resources, responses to these requests by potential suppliers, and information on the status and location of resources.

EDXL-SitRep

Situation Reporting (SitRep) provides the ability to report on incidents ranging from brief observations of limited locations to full scale planning for response to large disasters. SitRep allows emergency managers and incident commanders to use a set of pre-configured report types or create what they need from a set of common report components. SitRep enables the exchange of clear information for accurate, well-informed decisions.

EDXL-TEP

Tracking of Emergency Patients (TEP) enables the exchange of patient encounter information from admission to release. TEP supports tracking across the EMS and emergency care continuum, as well as hospital evacuations and day-to-day patient transfers, providing real-time information to incident responders, emergency management, coordinating organizations, and care facilities in the chain of care and transport. TEP also enables electronic receipt of data by hospitals prior to patient arrival.

If you are a software provider, implementer, or custom business software designer, you are invited to be part of EI at OASIS.

As a member, you:

- ✓ influence the development of EDXL as international standards
- ✓ ensure your requirements and use cases are taken into account
- ✓ engage with domain experts
- ✓ promote demand for compliant products
- ✓ form useful alliances for successful implementation and ongoing support



Contact join@oasis-open.org for details.

www.oasis-emergency.org