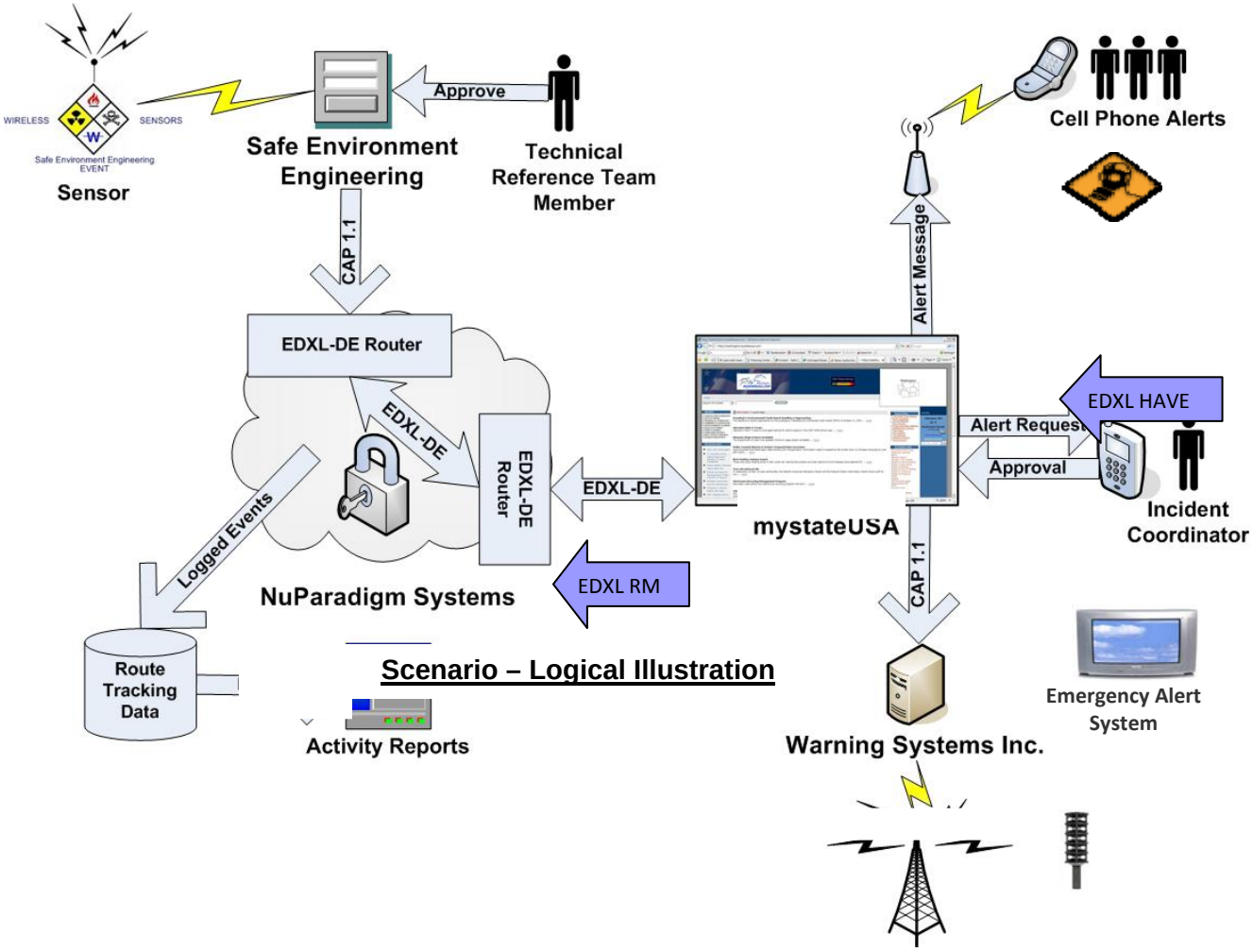
OASIS Emergency Interoperability Demo Scenario Walk Through



Scenario – Logical Illustration

Notional Scenario Walk Through

I. Train wreck with chemical leak

a) There will be a train wreck that has chlorine tank cars

b) The chlorine will leak and create a chlorine cloud

c) We can generate a CAP message from the train sensor – we did this in San Diego

d) A Hazmat Team will be dispatched to the scene

e) The Incident Commander will request an Emergency Alert System (EAS) notice be sent to the local community to evacuate because of the severity of the chlorine cloud

f) The local Emergency Operations Center will issue an EAS that will be sent via the CAP v1.1 wrapped in an EDXL-Distribution Element and an EAS notice will be activticated via sirens, TV, email, cell phones and radio

g) The Incident Commander will then make a request for more HazMat support via the EDXL-Resource Message (RM) standard wrapped in the EDXL-DE

h) Several firefighters will suffer injuries and need to be sent to the hospital.

i) The Emergency Medical Technicians will use the EDXL Hospital Availability Exchange (HAVE) wrapped in the EDXL-DE to determine the best medical facility to transport the injured

II. Strong thunderstorms come through area with possible tornados are now impacting the area

a) National Weather Service issues a tornado warning with a CAP message

b) Alert target area for tornado displayed via geographical information system (GIS); message is sent via CAP with polygon information

c) Evolution Technolgies will generate an AMBER Alert from a NIEM IEPD and send it wrapped in the DE. Any vendor should be able to receive and display.

Train Derailment Specifics:
Location: M&T Bank Stadium
1101 Russell St.
Baltimore, MD 21230
Home to the Baltimore Ravens and Johns Hopkins Lacrosse Team and other public sporting events and concerts.
The train track runs directly next to the stadium.