

# Mobility Supporting the Mission

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# Hanford: Our Site

- The Hanford Site is located in the southeastern portion of Washington State, north of the City of Richland, and encompasses 586 square miles (1,518 square kilometers).
- Since 1943, Hanford has become home to nine former nuclear reactors and facilities



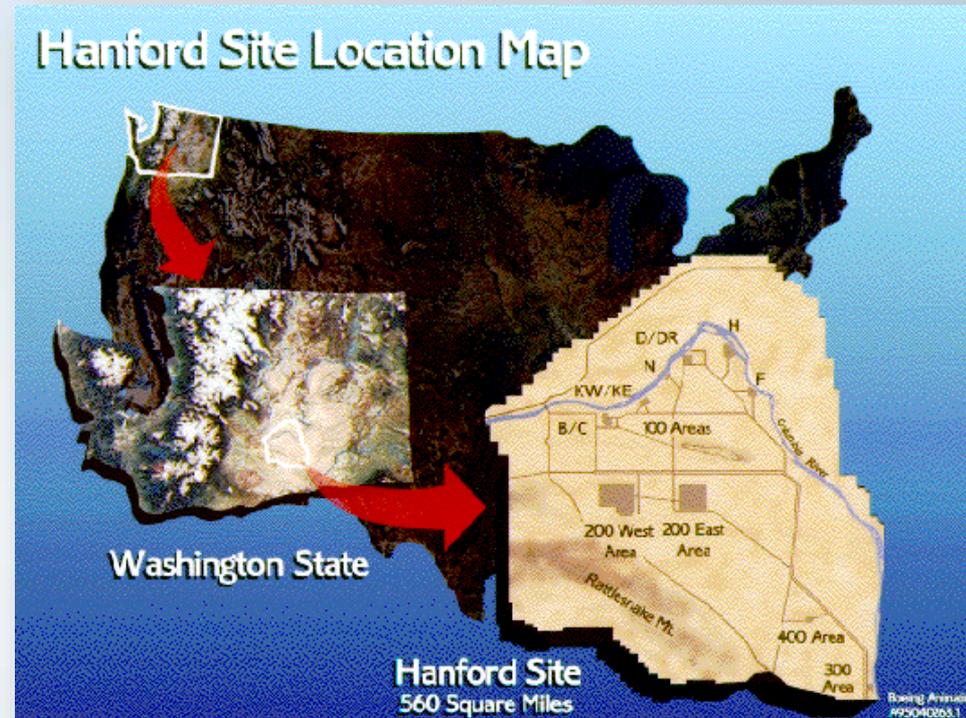
# Hanford: Our Site

- The Hanford Site was built during World War II to fabricate fuel, irradiate the fuel in production reactors, and chemically separate and recover plutonium for use in nuclear weapons.
- Several other valuable isotopes were also recovered.

# Hanford Location



- Located in the desert of southeastern Washington State
- The Hanford Site is currently one of the largest environmental cleanup sites in the world.





# Mission Support Services

- Our Organization
  - 1,975 employees
  - 48 Groups among our EZAC (Employee Zero Accident Council)
  - Our team provides cross-cutting services to the DOE and other contractors at the Hanford Site (upwards to 10,000 individuals).



# Mission Support Services

- Our Purpose
  - To make our customers extraordinarily successful in our unified mission of cleaning up the Hanford Site for our community to prosper safely and securely.



# Mission Support Alliance Company Safety Goals

- Target Zero, Do Work Safely
  - Embodies all of our safety processes

# THE 2015 2020 VISION

## Hanford Information Technology Attributes

### Operate Safe and Regulatory Compliant Systems

- Government-owned IT hardware investments are less every year.
- Hanford's records material is processed electronically.
- IT resources are acquired through an automated process at competitive prices.

### Maintain Reliable Systems

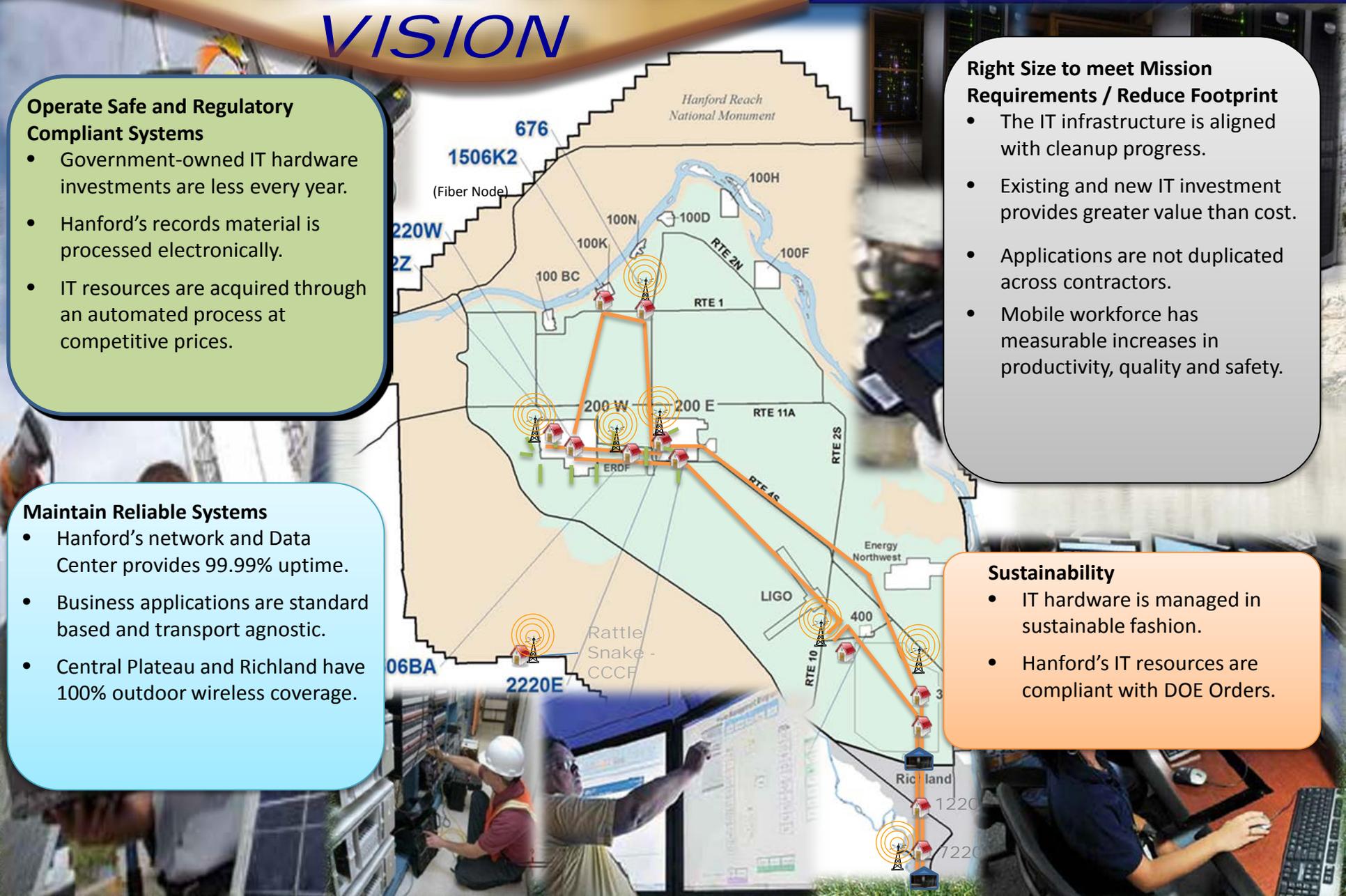
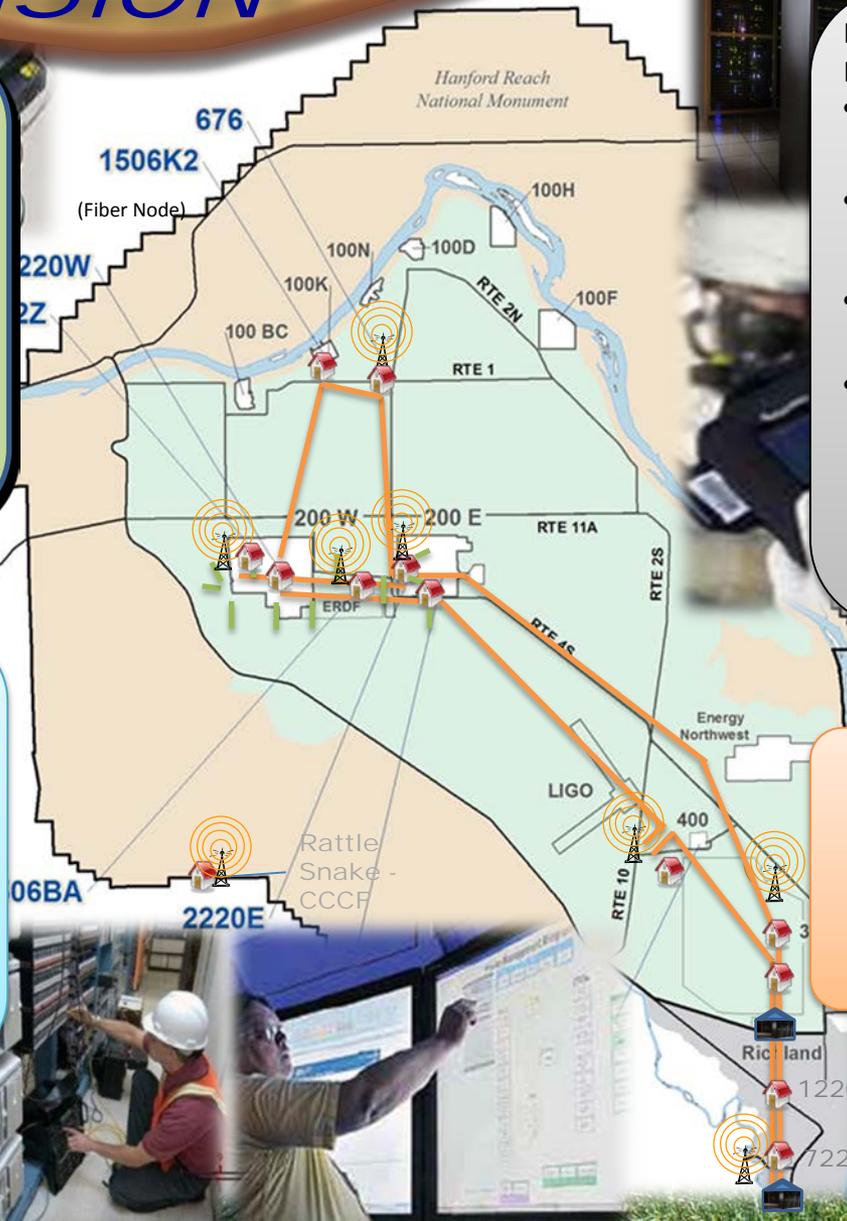
- Hanford's network and Data Center provides 99.99% uptime.
- Business applications are standard based and transport agnostic.
- Central Plateau and Richland have 100% outdoor wireless coverage.

### Right Size to meet Mission Requirements / Reduce Footprint

- The IT infrastructure is aligned with cleanup progress.
- Existing and new IT investment provides greater value than cost.
- Applications are not duplicated across contractors.
- Mobile workforce has measurable increases in productivity, quality and safety.

### Sustainability

- IT hardware is managed in sustainable fashion.
- Hanford's IT resources are compliant with DOE Orders.







# Technical Solution Implementation

- iPhones
- iPads
- Androids
- Windows 8 Tablet
- WiFi and LTE
- BYOD
- WDM (AirWatch)
- Hanford Federal Cloud

Why the need for so many devices?

Advantages?

Barriers?



# Hanford Applications

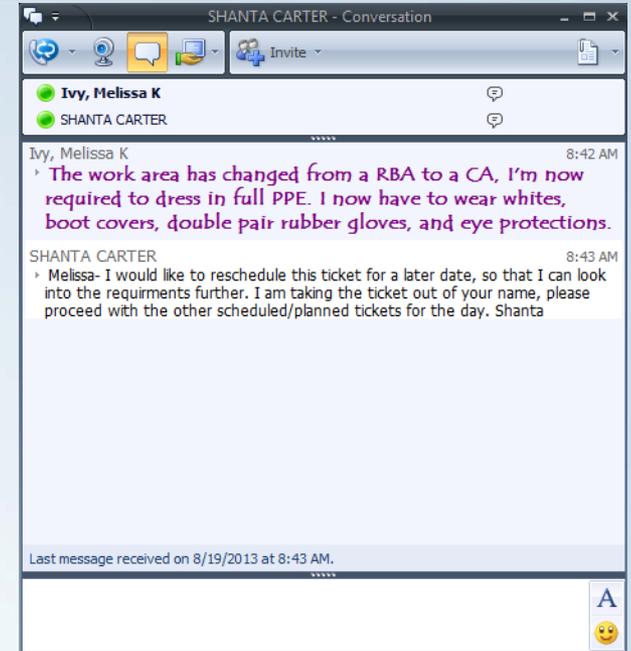
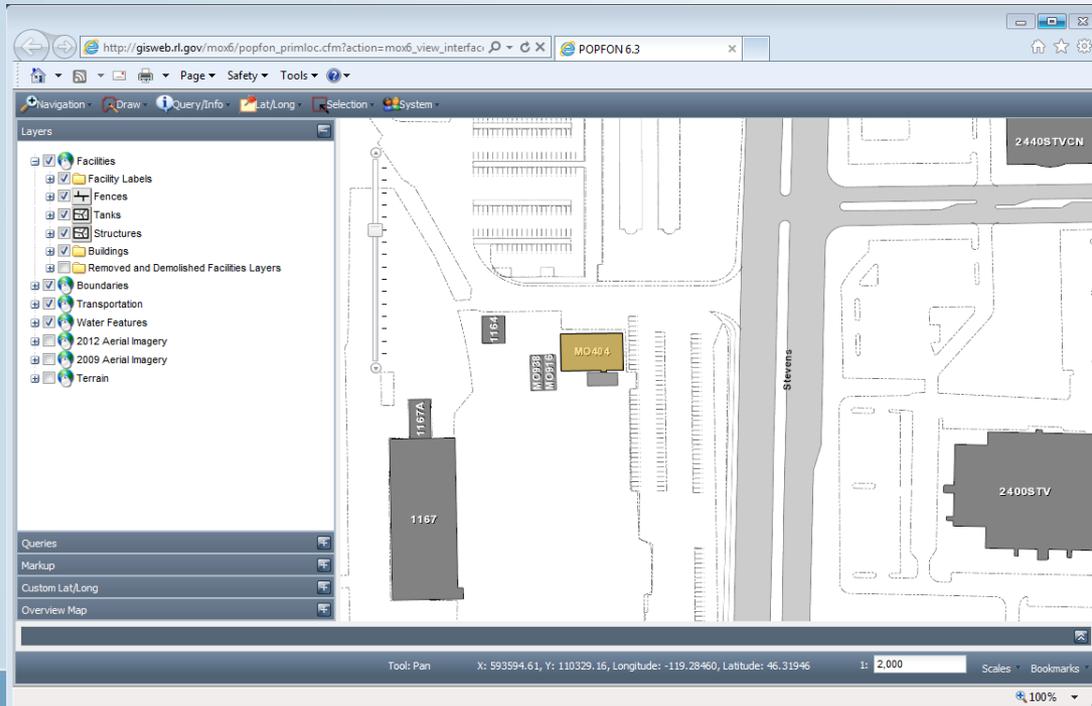
- Vmview/Hosted Desktop
- Remedy Mobile
- PopFon
- AtHOC
- Email (ActiveSync)
- TIS
- Google apps





# Efficiencies/Improvements

- Immediate notification of changing field conditions
- Real-time collaboration with FWSs



- Mapping Services



# Efficiencies/Improvements

➤ On the spot time reporting

➤ Real-time access to work tickets

# Site Sirens Controlled by Wireless and Powered by Solar



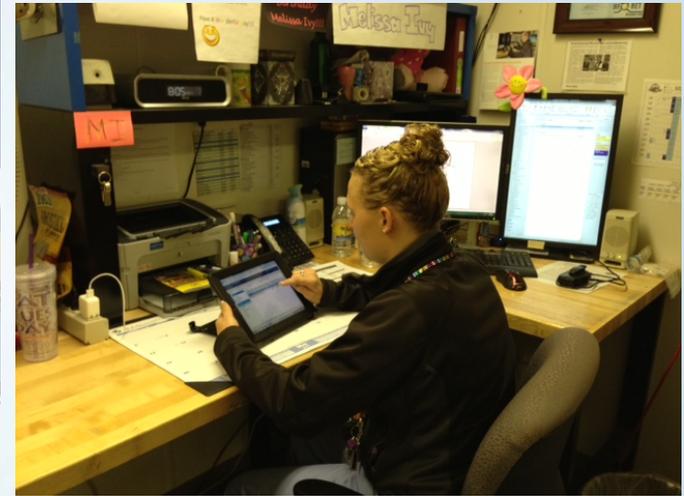
Supports “Site Safety”





# iPad and Tablet Technologies

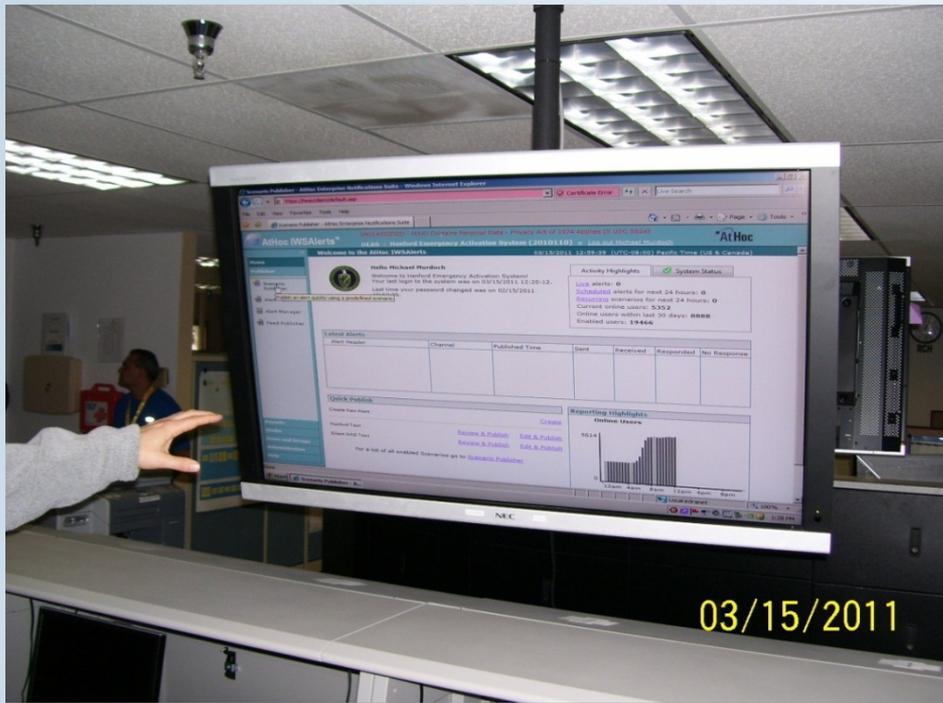
Improved real time safety communications, feedback, emergency notifications (weather notice), and efficiency





# AtHOC Emergency Notification Solution

## Supports “Site Safety”



- Rapid and mass distribution of Emergency Notifications
- Leverages desktops for Computer Messaging
- Leverages VoIP for mass paging to thousands of phones concurrently
- Immediate positive acknowledgement of message receipt



Old way of storing  
information



New way of storing  
information



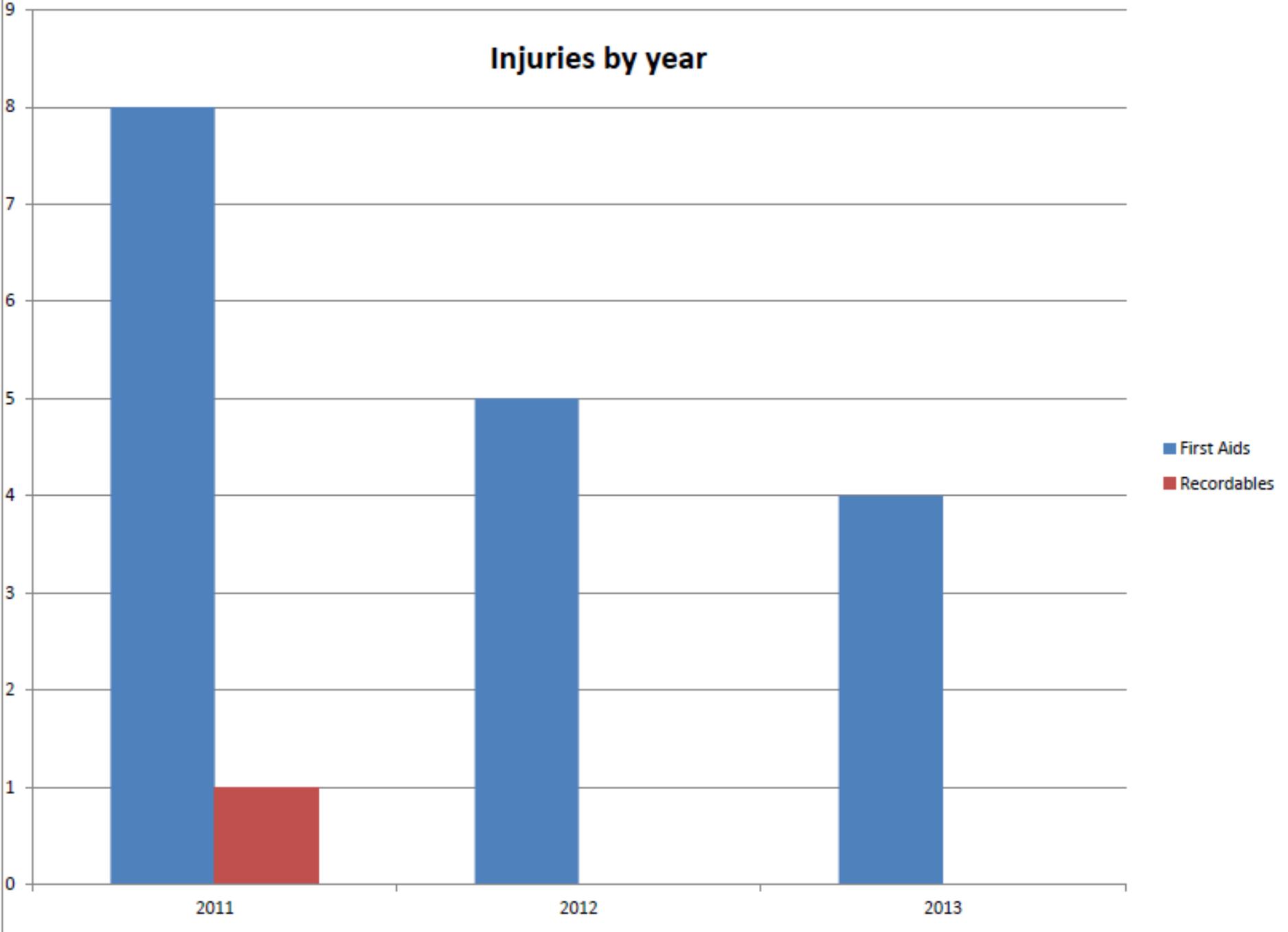
Safer handling of materials and information



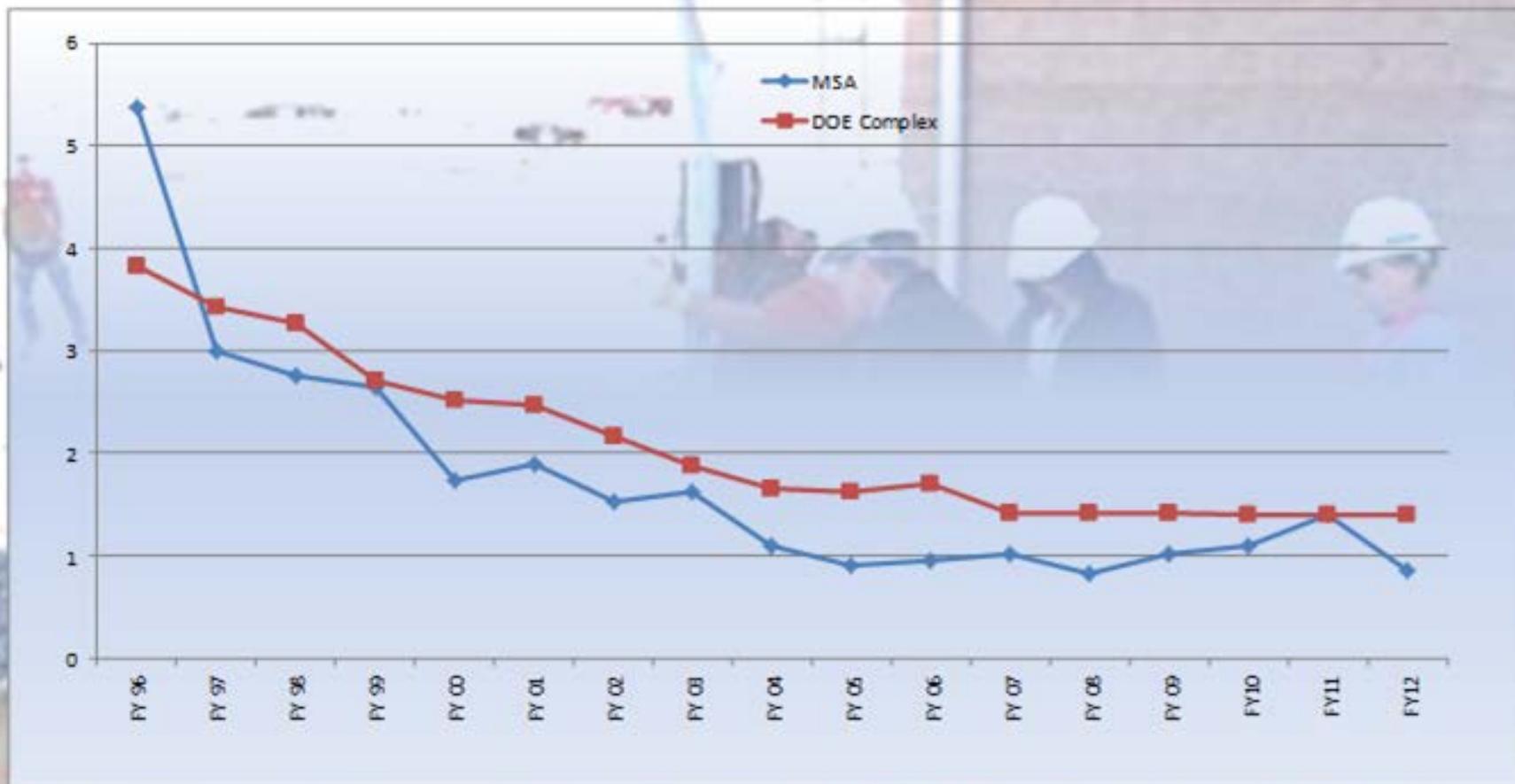
# Future Applications

- Push “emergency” and “non-emergency” notifications
- Native Remedy and Maximo Mobile ticketing systems

# Injuries by year



# OSHA Recordable Cases-16 Year Result





# Contact Information

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