



Exercise Technology

National Exercise Division



FEMA

Overview

- Legacy systems have been updated through R&D enhancement of open source technologies
- Exercise tools validated during Capstone 2014 (April 2014)
- Technical environment fully transitioned to FEMA NED within a FedRamp compliant space for further development and validation (Aug. 2014)
- Various technology toolkits interconnected within the National Preparedness System (NPS)
- Further customization, pilot engagement, standardization of data model ongoing.



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Capabilities

- An online portal that provides the whole community with tools to aid in implementing all six areas of the National Preparedness System
- Integrates 8 distinct technology-enabled tools developed and hosted by NPD/PNP
- Provides additional preparedness collaboration tools for use by the whole community

Cross-Cutting Preparedness Tools

- **Collaborative communities** for specific preparedness issues and/or projects as needed
- **Role based** access model
- **Document library** and repository
- **Dashboards** for management & decision making
- **Analytics** to support measuring project and program effectiveness
- **Fully integrated** exercise toolkits (planning and conduct)
- **Wiki, form, and other capabilities** easily deployed through deployment of pre-built apps in library

Ongoing Pilots & Usage

- Two USCG Pilot Exercises Completed (Nov 2014 & March 2015)
- Southern Exposure – July 2015
- Capstone 2016 Collaboration & Planning
- CaRES Pilots (7 Universities) – Sept 2015
- NED Internal Exercise Repository (validation)
- Cyber Storm V
- NSSE Exercise
- GIS NAPSG Preparedness Summit Exercises
- RTLT & IRIS active users
- Cascadia Rising, EMI IEMC courses, and others

Home

The National Preparedness System outlines an organized process for everyone in the whole community to move forward with their preparedness activities and achieve the National Preparedness Goal.

The Preparedness Toolkit is an online portal that provides the whole community with tools to aid in implementing all six areas of the National Preparedness System.

FEMA has aligned and integrated its preparedness technology tools to the National Preparedness System. To learn more about tools aligned to each area of the System click on one of the six areas to the right and begin exploring!

For additional information refer to the following:

- [National Preparedness System](#)
- [National Preparedness Goal](#)
- [Core Capabilities](#)
- [National Incident Management System](#)

Some information on PrepToolkit is restricted to registered users.
[Click here to learn how to register.](#)

The National Preparedness System

Select one of the six National Preparedness System areas below to learn more about the tools associated with that area.



Community Home - Preparedness Toolkit

Validate Capability - Preparedness Toolkit

https://www.prep toolkit.org/web/validate-capability

Admin My Sites 0

Search

Communities Library

Home / Validating Capabilities

Background


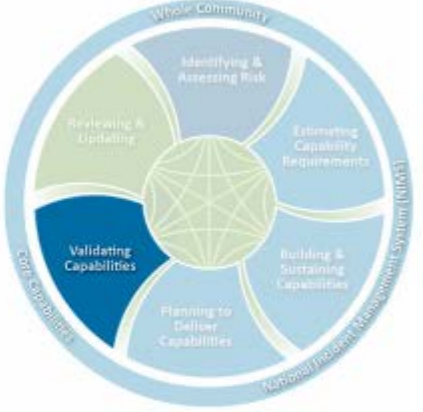
Now it is time to see if your preparedness activities are working as intended. Participating in exercises, simulations or other activities helps you identify gaps in your plans and capabilities. It also helps you see progress toward meeting preparedness goals.

Exercises are conducted to test and validate plans and capabilities. An effective and comprehensive exercise program that includes active collaboration with the whole community is essential to the success of the National Preparedness System. The National Exercise Program (NEP) serves as the principal exercise mechanism for examining national preparedness and measuring readiness.

Exercise Tools


FEMA provides several tools to aid communities in the planning and conduct of exercises.

- **Participate in the NEP** – Whole community members can nominate their exercise to be a part of the NEP. FEMA's National Exercise Division reviews, approves, and coordinates support for NEP related exercises. Learn more about how you can participate in the NEP and begin the nomination process by completing the online nomination form.
- **Homeland Security Exercise Evaluation Program (HSEEP) Resources** – Through the use of these resources, exercise program managers can develop, execute, and evaluate exercises that address the priorities established by an organization's leaders.
- **Online Exercise Conduct Tool** – FEMA provides a web-based tool for communities to use in conducting their exercises consistent with HSEEP.
- **National Exercise Schedule (NEXS)** – You can use NEXS to track key exercise events and activities that are part of the NEP.

Links to the Preparedness Cycle:

Exercise: A key activity in validating capabilities is exercising those capabilities. Exercises enable organizations to identify strengths and incorporate them within best practices to sustain and enhance their capabilities. They also provide an objective assessment of gaps and shortfalls within plans, policies and procedures.



Welcome to the IED TTX Exercise @ NGPS Exercise Site

This site serves as a collaboration space for exercise planning activities, master scenario events list (MSEL) development, and exercise conduct. Exercise participants are encouraged to check this site often to keep up with scheduled events and discussion threads related to the Improvised Explosive Device (IED) Tabletop Exercise at the National Geospatial Preparedness Summit. Key milestones for the exercise are:

- IPM - June 30, 2015
- FPM - July 10, 2015
- Conduct - August 5, 2015

Additional details for these events will be posted to the calendar below.



Photo Credit: NPS

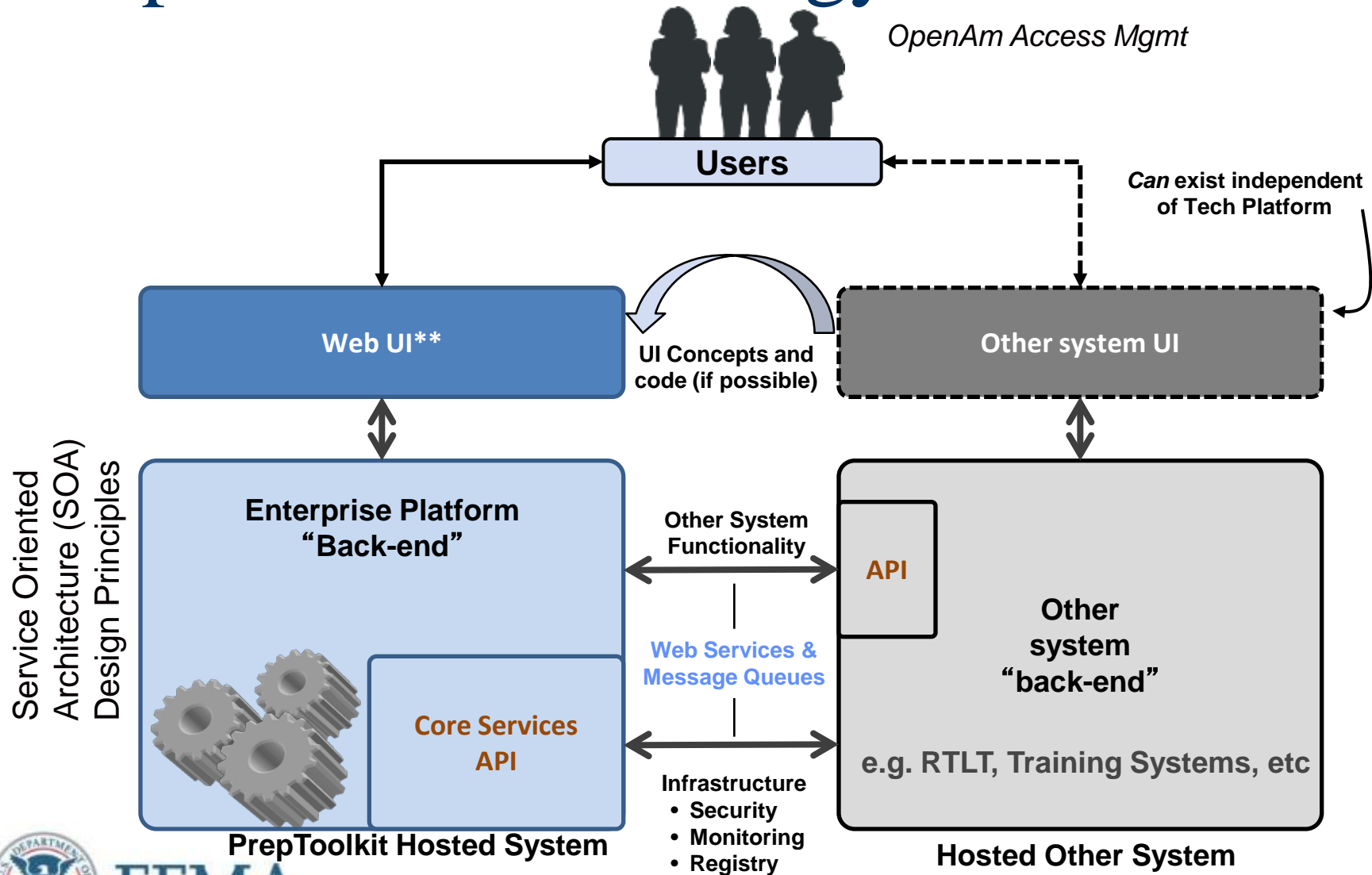
Edit Select Web Content Add

Touchpad Notification
Your Touchpad and Stick has been enabled.

Conduct Tool Features

- Inject creation, management, and release
- Dynamic release methods include email and sms-txt
- Simulated email accounts for simulation/control cell
- Data file attachments
- Customizable fields
- Import/Export
- Participant/Controller phonebook

PrepToolkit Technology Structure



**Portlets/Plugins Delivered through Liferay platform



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