



How APAN Supports Disaster Response to Help Saves Lives and Property

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Agenda

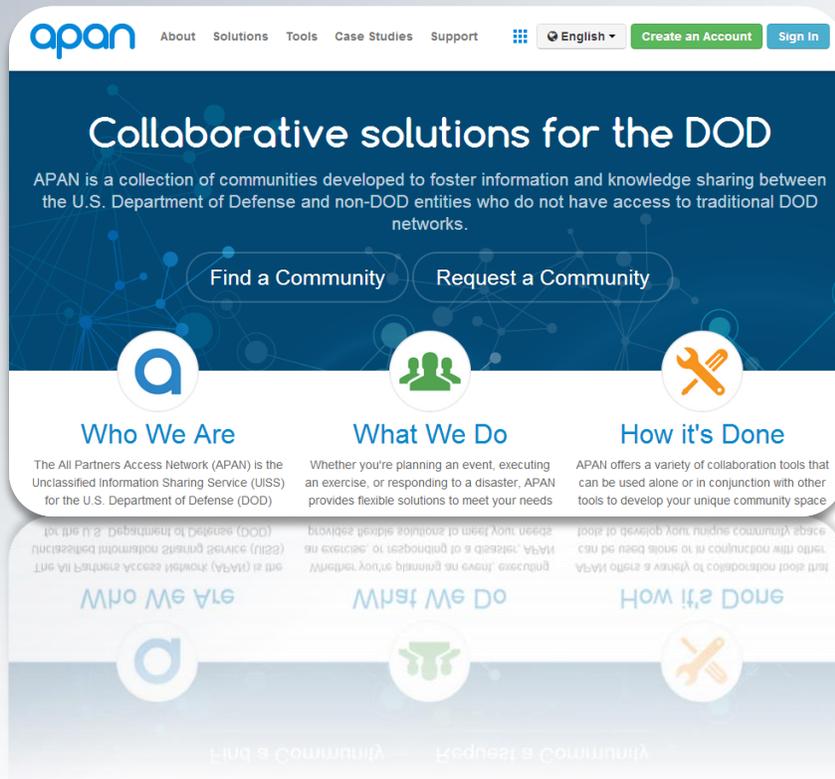
- APAN Overview
 - ✓ What is APAN?
 - ✓ Governance
 - ✓ What is APAN Used for?
 - ✓ Tools & Capabilities
 - ✓ Use Cases: Crisis Support Examples
 - ✓ Stats
 - ✓ Resources
- APAN Road Map





What is APAN?

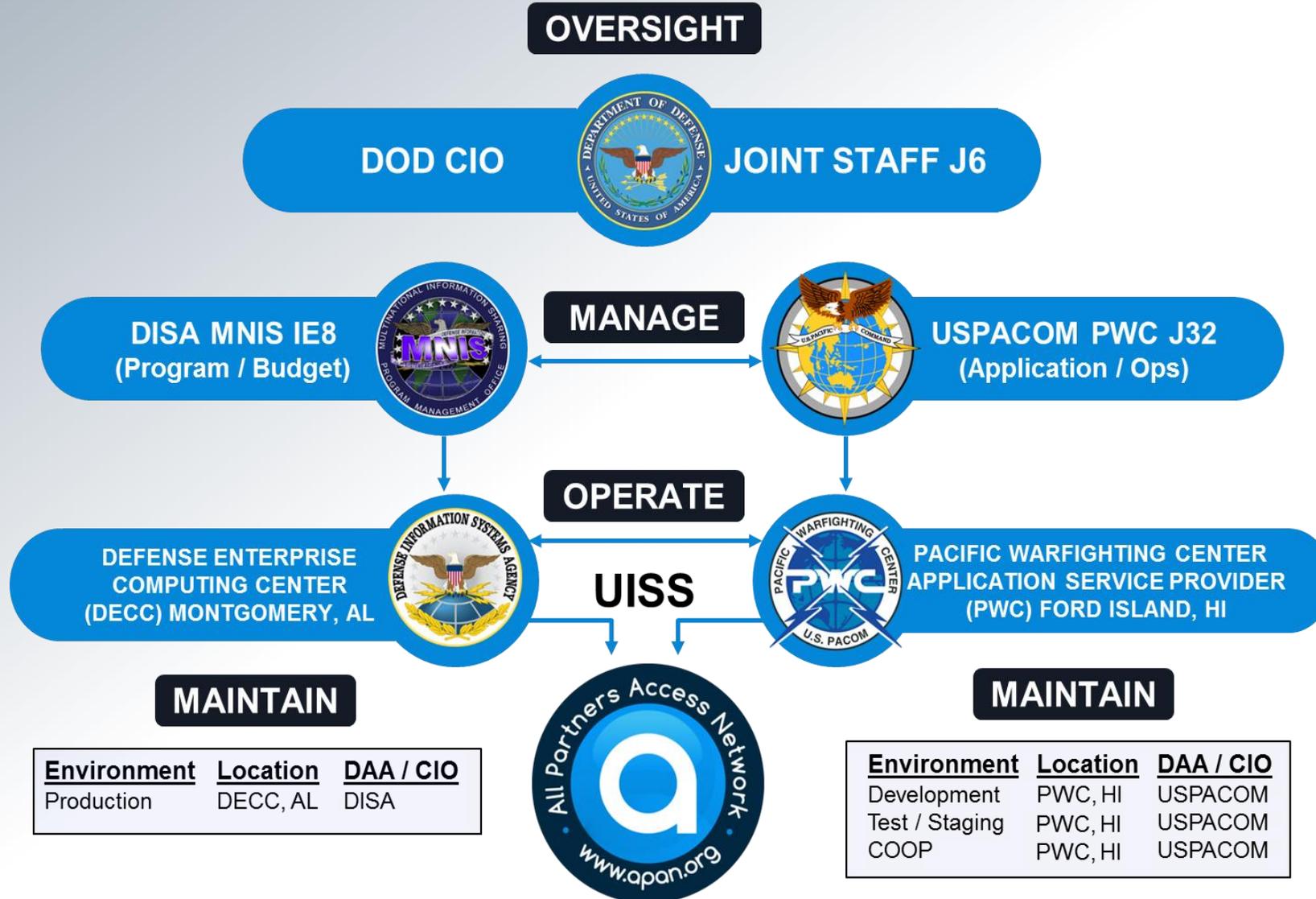
APAN is a collection of communities developed to foster information and knowledge sharing between U.S. Department of Defense and non-DOD entities that do not have access to traditional DOD networks.



- **Web-based, non .mil unclassified** collaboration platform provided by DISA
- Developed to foster **information and knowledge sharing** between DOD and its mission partners to communicate & support humanitarian crisis response efforts, multinational exercise planning, working groups, conferences & partnership building events around the globe
- Available to **any user** with an internet connection



APAN Governance Roles



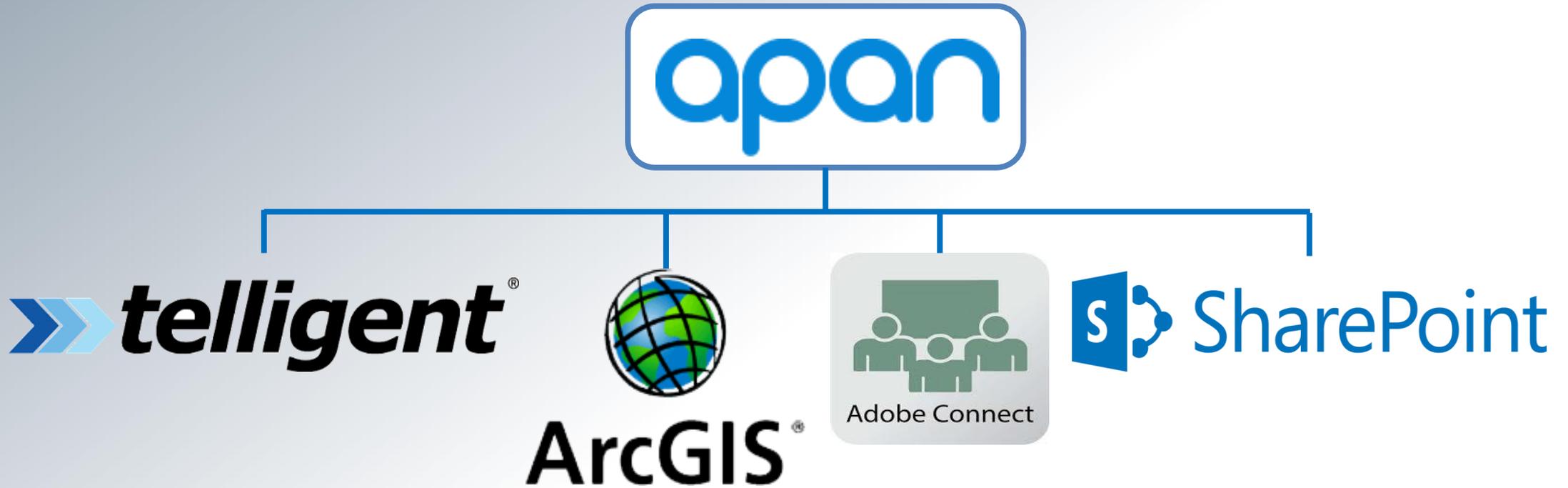


What is APAN Used for?





APAN Enterprise Platforms



**APAN's new information sharing service and platform, ArcGIS Enterprise Portal makes GIS accessible for users of all experience levels. Currently, it is in a pilot phase with selected users



UISS-APAN Customer Capabilities Tool Box

Mobile Access - Responsive Design-Any device-Anywhere



Translation – Google Systran / Language Weaver



Multi-lingual Chat - Group / Peer-to-Peer



Video-Audio Web Conference Adobe Connect



SharePoint 2010 Full Suite of Tools & Web Parts



Blogs, Forums, Wikis, Hash Tags, Mentions, Likes



File Sharing –Media Gallery / Doc Library



Email, Subscriptions & Calendars, RFI, RFA, Status



Geo Spatial / Maps ArcGIS / Meta-Carta



Help Desk / Knowledge Base / APAN University





Other APAN Capabilities Tool Box

Unstructured tools:

- Blogs, Forums, Wikis
- Peer-to-peer & group chat
- Web conferencing w/audio & recording features
- Mentions, likes & hashtags
- Favorites



User Specific Tools:

- Personal profiles
- Private messaging
- Private email notifications
- Filtered & Faceted search
- Mobile access
- Low bandwidth options
- Translation services (web page, chat, and documents)

Structured tools:

- SharePoint 2010
- File sharing
- Metadata and tagging
- Custom lists (RFI, RFA)
- GIS Mapping tools
- Calendars
- RSS feeds

Other Services & Tools:

- Group Metrics
- Lessons Learned
- Email accounts
- Event registration tools
- REST / API Services
- KM Support
- Customer Engagement
- Help Desk Support



Multi Chat View Screenshots (1 of 2): Room Selection

apan English Leslie Knope

Home / Room Selection

Available Rooms: Last 90 Days ▾
Last 90 Days
Last Year
All Time

CTF 73 South America

CTF 73 Exercise Room JID: tsc_engagement1178 →

Planners JID: tsc_engagement1181 →

Key Resolve

Pre Site Assessment Introductions JID: kr1182 →

Tradewinds 2012

Tradewinds Execution Phase II Chat Room JID: tw121044 →

Tradewinds Regional Observer/Assessor Team Chat Room JID: tw121042 →

Selected Rooms

← CTF-522 JID: tsc_engagement1179 ▲ ▼

← Medical Group JID: kr1183 ▲ ▼

← MSEL/Operations Chat Room JID: tsc_engagement1180 ▲ ▼

← Tradewinds Maritime Phase I Chat Room JID: tw121041 ▲ ▼

← US_ISR_FORUM JID: kr-1184 ▲ ▼

[HTTPS://CHAT.APAN.ORG/HOME/ROOMSELECTION](https://chat.apan.org/home/roomselection)

Launch Selected Rooms Copy URL



Multi Chat View Screenshots (2 of 2): Room Grid

The screenshot displays a multi-chat interface with a grid of nine chat rooms. At the top, there is a navigation bar with the 'apan' logo, a language dropdown set to 'English', a user profile for 'Ben Wyatt', a 'Room Selection' button, and a 'View Single Room' button. The chat rooms are arranged in a 3x3 grid:

- MSEL/Operations Chat Room:** Contains a message from 'Me' about a discount code 'SKYBELLCM17' for a smart doorbell cam.
- US_ISR_FORUM:** Contains a message from 'Me' about a Bodum Chambord coffee press.
- CTF-522:** Contains a message from 'Me' about a Raspberry Pi-based camera.
- Tradewinds Regional Observer/Assessor Team Chat Room:** Contains a message from 'Leslie Knope' about podcasts in the iHeartRadio CarPlay app.
- Medical Group:** Contains a message from 'Leslie Knope' about a support Twitter account for Apple.
- Pre Site Assessment Introductions:** Contains a message from 'Me' about Amazon's Video Skills Kit and Hulu's Alexa support.
- CTF 73 Exercise Room:** Contains a message from 'Andy Dwyer' about a patch for portrait mode and image quality on a device.
- Planners:** Contains a message from 'Me' about new features on a camera.

A P2P pop-up window is overlaid on the bottom right, titled 'Andy Dwyer'. It shows a message from 'Andy Dwyer' about voice control on various devices, with a red 'P2P pop-up' label. Below the message, it says 'Update: This post has been updated to include the full list of voice control options now available on Fire TV devices.' The bottom of the interface shows the 'All Partners Access Network' logo, 'Support / Hotline: COMM 808', and a chat notification for 'Andy Dwyer' with a count of '1'.



USE CASES





Real-World Crisis Support - International

Typhoon Support

The screenshot shows the 'TYPHOON HAIYAN RESPONSE' group page. At the top, there is a map of the Philippines with a red circle indicating the typhoon's path. The page title is 'TYPHOON HAIYAN RESPONSE' with the subtitle 'Collaborate and Share Information regarding Typhoon Haiyan'. The page is divided into several sections: 'GETTING STARTED' with instructions on how to post and read announcements; 'JOIN THE COMMUNITY' with a 'Sign In' button; 'ANNOUNCEMENTS & UPDATES' with a list of recent posts; 'GROUP ADMINISTRATION' with options to invite a user or edit the group; and 'RELATED COMMUNITIES' with links to other groups like MNCC and JTF-SOG. The right sidebar shows group membership options and a list of links.

Philippines

Disease Outbreak Support

The screenshot shows the 'EBOLA RESPONSE NETWORK' group page. The title is 'EBOLA RESPONSE NETWORK' with the subtitle 'Information sharing and collaboration support to the USG / USAID foreign humanitarian relief efforts for the Ebola virus disease (EVD) outbreak in West Africa under the name "OPERATION UNITED ASSISTANCE"'. The page features a map of West Africa with red markers indicating the outbreak locations. The page is divided into sections: 'GETTING STARTED' with instructions on how to post and read announcements; 'JOIN THE COMMUNITY' with a 'Sign In' button; 'ANNOUNCEMENTS & UPDATES' with a list of recent posts; 'GROUP ADMINISTRATION' with options to invite a user or edit the group; and 'RELATED COMMUNITIES' with links to other groups like MNCC and JTF-SOG. The right sidebar shows group membership options and a list of links.

Africa

Hurricane Support

The screenshot shows the 'Hurricane Matthew International Response' group page. The title is 'Hurricane Matthew International Response'. The page features a map of the Caribbean region with red markers indicating the hurricane's path. The page is divided into sections: 'GETTING STARTED' with instructions on how to post and read announcements; 'JOIN THE COMMUNITY' with a 'Sign In' button; 'ANNOUNCEMENTS & UPDATES' with a list of recent posts; 'GROUP ADMINISTRATION' with options to invite a user or edit the group; and 'RELATED COMMUNITIES' with links to other groups like MNCC and JTF-SOG. The right sidebar shows group membership options and a list of links.

Caribbean

Earthquake Support

The screenshot shows the 'NEPAL HADR' group page. The title is 'NEPAL HADR' with the subtitle 'Community for Nepal HADR shared situational awareness'. The page features a map of Nepal with red markers indicating earthquake locations. The page is divided into sections: 'GETTING STARTED' with instructions on how to post and read announcements; 'JOIN THE COMMUNITY' with a 'Sign In' button; 'ANNOUNCEMENTS & UPDATES' with a list of recent posts; 'GROUP ADMINISTRATION' with options to invite a user or edit the group; and 'RELATED COMMUNITIES' with links to other groups like MNCC and JTF-SOG. The right sidebar shows group membership options and a list of links.

Nepal



Exercise Crisis Response Support

RIMPAC 16/18

HADR Exercise with RIMPAC Participants

Makani Pahili-Hurricane

HADR Exercise - USPACOM

Cascadia Rising-Earthquake

HADR Ex Washington State – National Guard

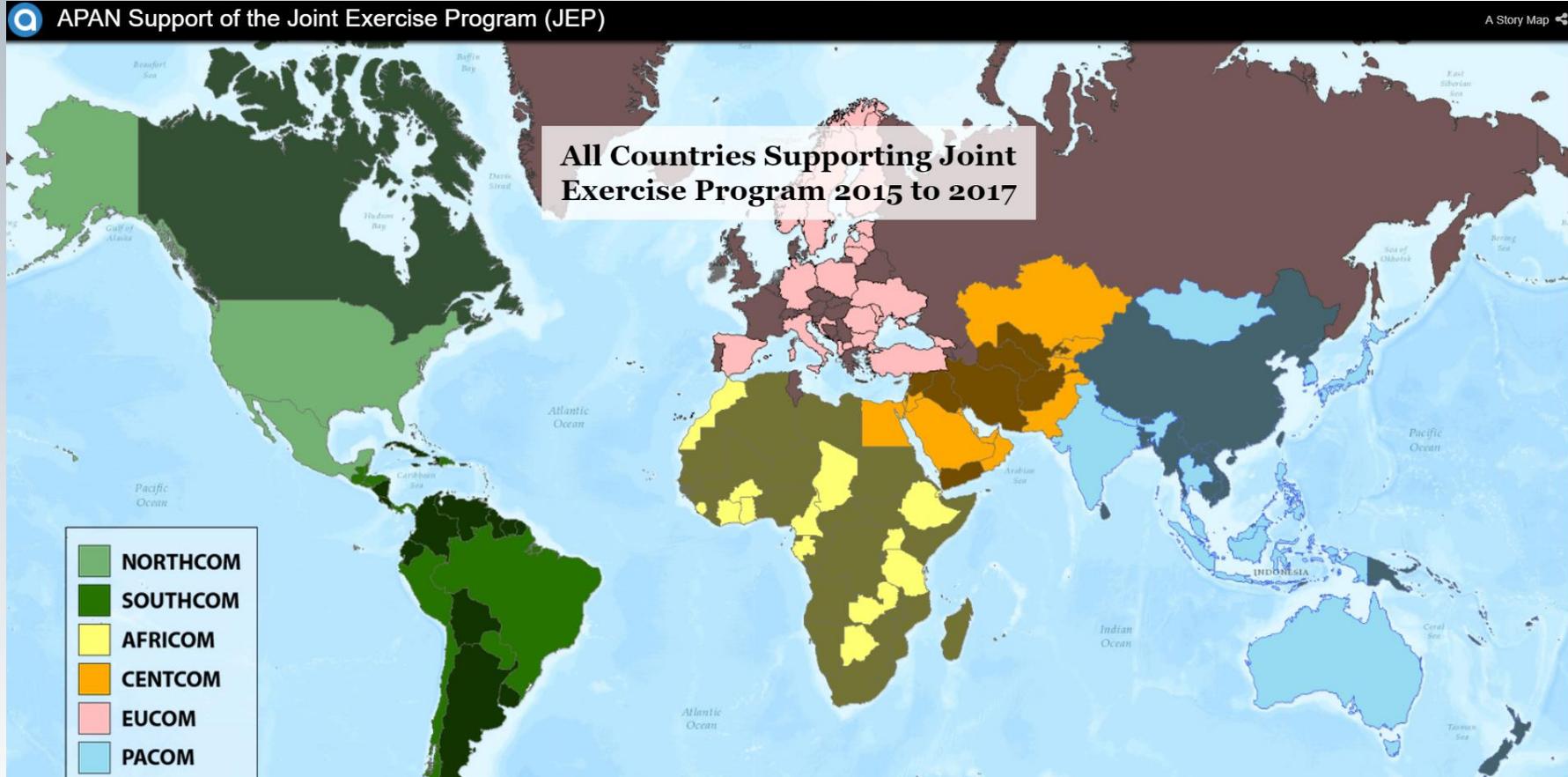
Radiological Event

April 2017			
Date	Topic	Personnel	Activity
15th	Day 001	Day 001 Contingent/Structure	Day 001 Contingent/Structure
16th	Day 002	Day 002 Contingent/Structure	Contingent/Structure Check with Web-CAM
17th	Day 003	Day 003 Contingent/Structure	Day 003 Contingent/Structure
18th	Day 004	Day 004 Contingent/Structure	Day 004 Contingent/Structure
19th	Day 005	Day 005 Contingent/Structure	Day 005 Contingent/Structure
20th	Day 006	Day 006 Contingent/Structure	Day 006 Contingent/Structure
21st	Day 007	Day 007 Contingent/Structure	Day 007 Contingent/Structure
22nd	Day 008	Day 008 Contingent/Structure	Day 008 Contingent/Structure
23rd	Day 009	Day 009 Contingent/Structure	Day 009 Contingent/Structure
24th	Day 010	Day 010 Contingent/Structure	Day 010 Contingent/Structure

National Level Crisis Exercise - NYC



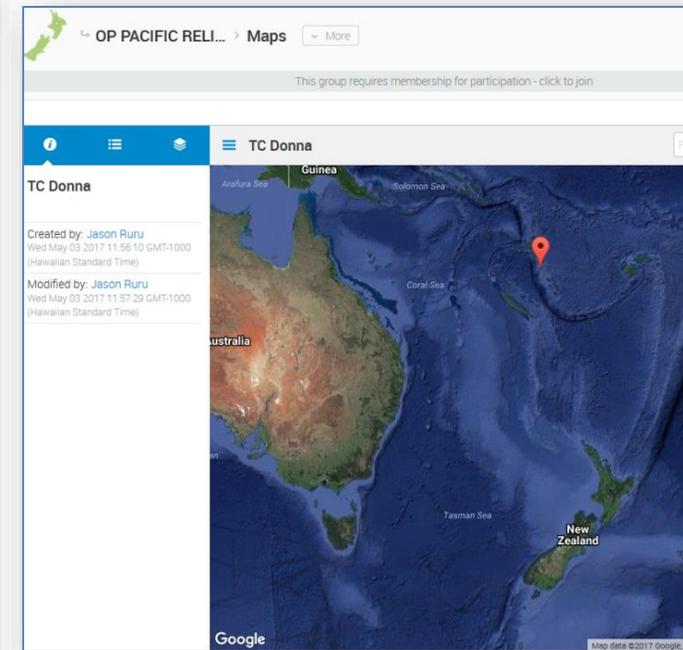
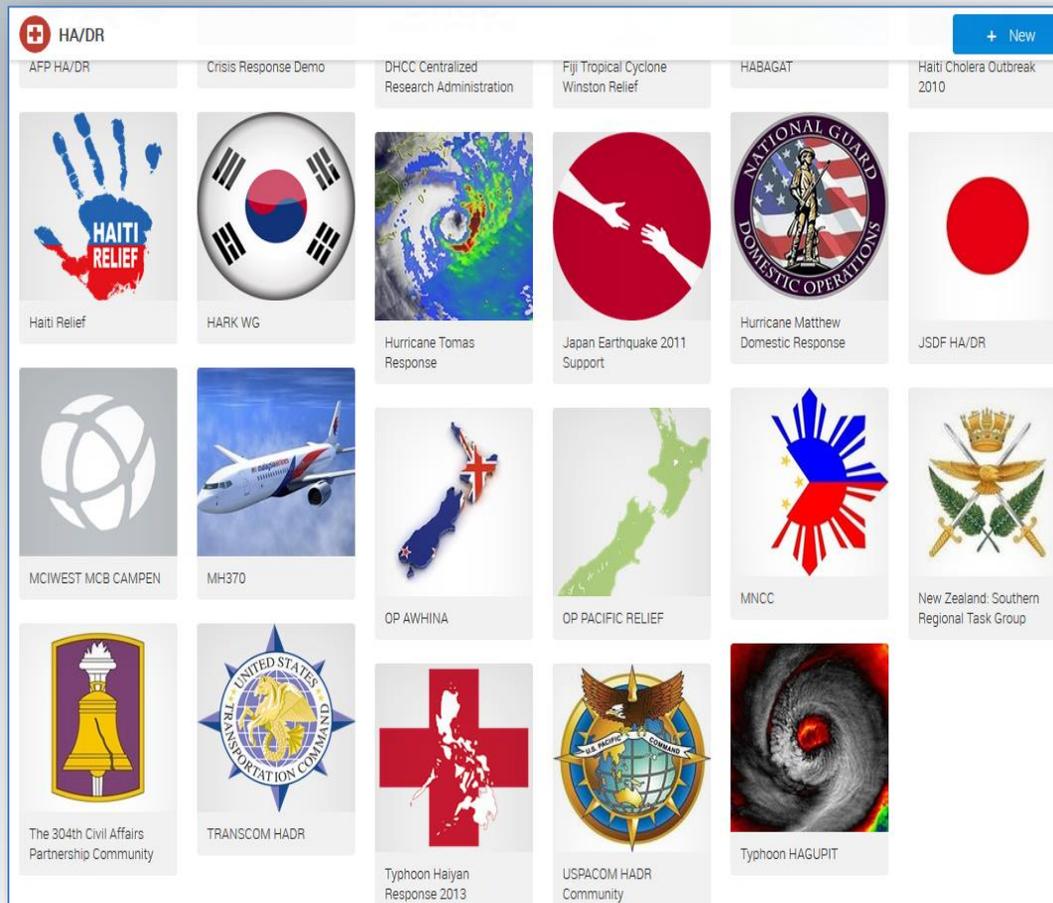
Joint Staff Joint Exercise Support (JEP) Joint Exercises





Applied Lessons Learned

Besides PACOM and NZL, several other organizations now have permanent APAN portals to share content for HADR events. SOUTHCOM is in the process of establishing a HADR Portal for Hurricane Season 2018.



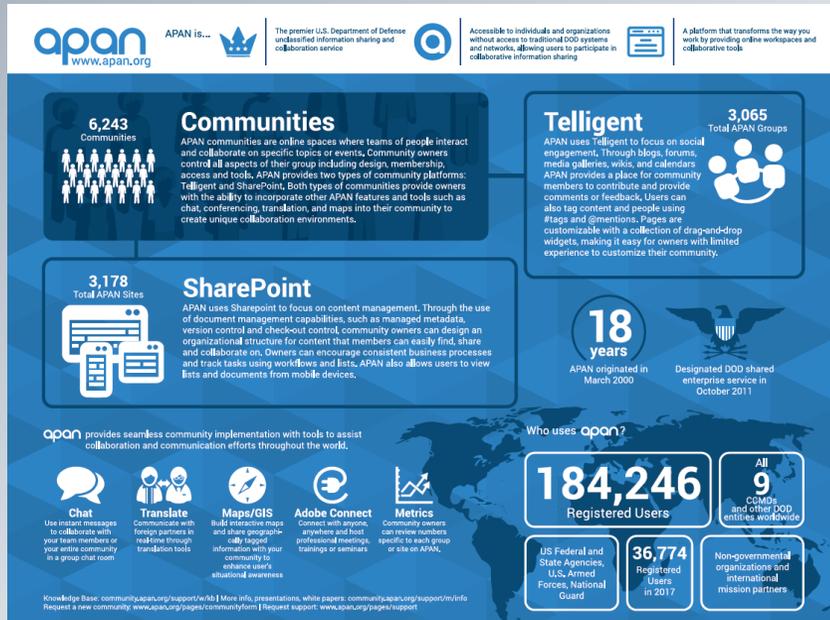


METRICS

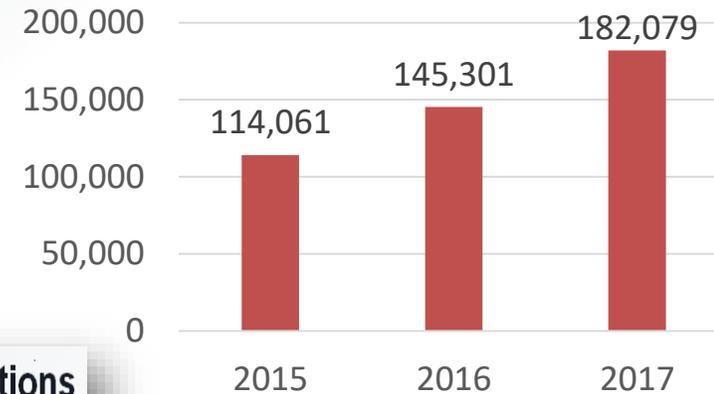




APAN Metrics Overview



- 14% increase in APAN COIs in 2017
- 26% Projected annual growth rate in 2018
- Most current Number of COIs = 6402+
- **Cumulative Users**



Top 10 Browser Translation Languages Used

	2015	2016	2017
1	Spanish	Spanish	Spanish
2	French	Japanese	Japanese
3	Japanese	French	French
4	Portuguese	Chinese	Polish
5	German	Polish	Korean
6	Dutch	Korean	Swedish
7	Italian	German	German
8	French	Russian	Finnish
9	Chinese	Swedish	Danish
10	Danish	Portuguese	Portuguese

Top 10 Registered User Locations

	2015	2016	2017
1	USA	USA	USA
2	Japan	United Kingdom	Germany
3	Germany	Canada	Ukraine
4	Canada	Germany	United Kingdom
5	Philippines	Japan	Canada
6	United Kingdom	New Zealand	Japan
7	Italy	Italy	South Korea
8	Thailand	South Korea	Mexico
9	Bahrain	Bahrain	Italy
10	Poland	United Arab Emirates	Belgium



Resource Guide

Need Further Assistance?

Knowledge Base	https://community.apan.org/support/
News & Updates	https://community.apan.org/support/b
Resources	https://community.apan.org/support/m/info
Training	https://community.apan.org/support/p/apanu
APAN Help Desk	https://community.apan.org/support/p/contact





APAN Support Center

For assistance use our [online form](#) or call **808-472-3361**. You are an Owner of this group.

Updates	Groups	Sites
<ul style="list-style-type: none">• APAN 8.0 Upgrade<ul style="list-style-type: none">• Grp Widget Matrix• APAN 8.0 FAQs• APAN 8.0 Video	<ul style="list-style-type: none">• Group Overview• How to request group?• Get Started!	<ul style="list-style-type: none">• Site Overview• How to request site?• Get Started!
Account Registration	100: Group Basics	100: Site Basics
<ul style="list-style-type: none">• How do I join APAN?• What do I do next?• Mistyped email?	<ul style="list-style-type: none">• Profile• Group Navigation• Search• Search for Groups• Search for Colleagues• Search for Content• Colleagues• Request Access• Content Editor• Activity Story Stream• Messages• Bookmarks	<ul style="list-style-type: none">• Profile• Request Access to a Site• Navigation• Colleagues
Account Administration	200: Grp Applications	200: Sites Applications

- 12/6 Hour Phone Hotline
- Support Web Ticket
- Knowledge Base articles
- Live Online Training

<https://community.apan.org/support>





APAN FY18-19 ROADMAP





Questions?

DOD Unclassified Information Sharing Service (UISS) All Partners Access Network (APAN)

Jerry Giles, APAN Technical Director (PACOM J322)

Mariel Cooley

Todd Kingman

Directly supporting DOD unclassified information sharing / collaboration, operations and missions across multiple scenarios, humanitarian assistance / disaster management and joint / multinational exercises / events.

808.472.3361 / DSN: 315.472.3361

<https://www.apan.org>

Learn more about APAN at: https://en.wikipedia.org/wiki/All_Partners_Access_Network





BACKUP



RIMPAC 2016 Lessons Learned: Maps (1 of 3)

- Blogs
 - ✓ Scenario Injects – **pre-publish blog content**
 - Include as much info as possible – Description, post image, coordinates, time and date
 - Organize coordinate data for scenarios before adding to APAN
 - ✓ Auto-geotagging through Blog-by-email
 - Updates can be submitted to community via email address and will geotag locations added to body of email

Bridge Collapse 7 July 2016 1325(L)
4QDK3086028024

Road Washed-out 7 July 2016 1225(L)
4QDK5860501731

Bridge Collapse 7 July 2016 1325(L)

Write Options

Post URL
The title of your post is used to create the URL. If you want to use different keywords in the URL enter it below.
bridge collapse

Post Image
This image will be used as a thumbnail in blog post list view and as the image exposed to Open Graph.
bridge collapse 1.jpg

Upload file Remove file

Publication Date
7 Jul 2016 1:27 PM



RIMPAC 2016 APAN Lessons Learned: Maps (2 of 3)

- **Media Gallery**
 - ✓ Use file-upload posts for training audience reporting
 - ✓ Establish naming convention (IM)
 - ✓ Map works as situational awareness briefing tool for reports
 - ✓ *Automatic updates* enabled for group content added to map (no need to refresh map)

The screenshot displays the HURREX Example Map interface. On the left, a media gallery lists various files, including '02JUNXXZHURREX-PACAF...', '07JUNXXZHURREX-PACAF...', '06JUNXXZHURREX-KCFF.pptx', and '02JUNXXZHURREX-KCFF.pptx'. A yellow arrow points from a media post in the gallery to a detailed view on the right. The detailed view shows a calendar for 13 JUL 16 and 14 JUL 16 with data for various stations like SH-60K 8426, SH-60K 8438, SH-60J 8270, and SH-60J 8438. The media post includes a title '07JUNXXZHURREX-PACAF.pptx PACAF Briefs' and a comment by Todd Kingman.



RIMPAC 2016 APAN Lessons Learned: Maps (3 of 3)

- **Community Map**

- ✓ *Time Slider*

- Filter content based on time
- No longer need to create multiple blogs based on date

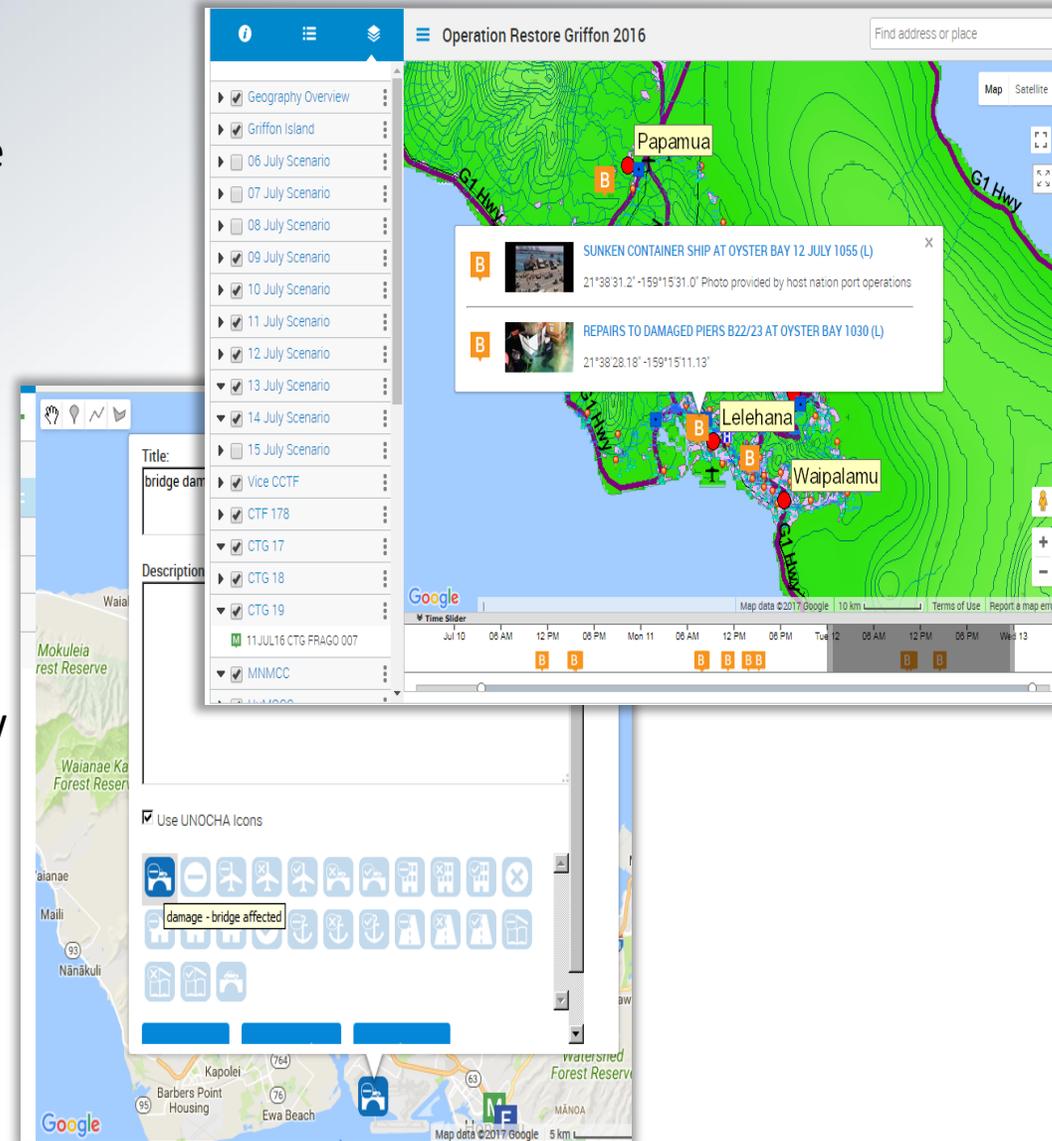
- ✓ *UNOCHA Tags*

- Custom layer in map supports UNOCHA symbology through keywords

- ✓ *Reordering of layers*

- Drag/drop functionality now exists with Community Map in edit mode based on 2016 feedback

- ✓ *Cluster selection of geotagged content*





Resources: APAN Mapping Users Group

MAPUG -

<https://community.apan.org/wg/mapug>

- Agile Product Development / Scrum
- Stakeholder engagement
- Map solution examples
- Future enhancement discussions
- Tips and Tricks
- Join the discussion!

APAN MAPUG
Maps Announcements Best Practices Forum Files Documentation

Nepal HADR Demo Map - SharePoint
SharePoint ArcGIS webpart example integrating a custom list and ArcGIS imported data

If APAN provided ArcGIS Portal as a service, which application or capability would your organization find most valuable?

If APAN provided ArcGIS Portal as a service, which application or capability would your organization find most valuable?

Please take a moment to respond to our poll and feel free to support your opinion with detail in the comments section below

- Hosting map services (Shapefiles, feature layers, CSV lists)
- Story maps
- Web AppBuilder custom map apps
- Field applications and forms
- I cannot choose, the entire platform would be useful!

Vote

User Voting Report

Group - Members List

A community for APAN GIS and Mapping external stakeholders and users for the purpose of sharing information about GIS product enhancements and to collect feedback from our users to be considered for future enhancements

