



Harris International Users Conference and Training Symposium April 28 - May 2, 2019

Peppermill Resort Spa & Casino
2707 South Virginia Street
Reno, NV 89502

COST DETAILS

Harris Users Group Member cost, \$450.00 includes:

- All general meetings: Sunday, April 28 – Thursday, May 2
- Harris Technical Training Center certified training classes
Certificates provided upon class completion
- Breakfast and lunch provided at no additional cost

If you have not registered for a complimentary Harris Users Group membership, please visit <http://www.harrisusers.org/cb-forgot-login> to complete an application today.

Any questions, please feel free to call or email:

Jackie Horsley, Harris Tradeshow & Events Manager | cell: 727-415-6592 | jhorsley@harris.com

The Harris International Users Group Board of Directors has exhibit hall space that is now available for purchase.

Supplier Booth purchase, \$1200.00 includes:

- Two complimentary badges
- 10' x 10' booth
- 6' table with cover
- Two chairs
- Breakfast and lunch with Users on Monday, April 29

(Continue to next page for event agenda)

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AGENDA

Sunday, April 28

- 11:00 am – 5:00 pm** **Registration Open**
- 1:00 pm – 5:00 pm** **Training Session: Symphony™ Dispatch Console Configuration**
- Duration:** **4 hours. Upon completion of this class attendees will receive certification from the Harris Training Center.**

Course Description:

This training session will provide an overview of configuring the Symphony Dispatch Console to meet specific operational needs. We will briefly discuss the overall configuration of the Symphony Dispatch Console using the configuration utility. We will then cover the three configuration options located within the console's application menus: GUI Configuration, Audio Configuration and Configure GUI Settings. Upon completion of this training, participants will be able to:

- Set up and customize the Symphony Dispatch Console display
- Configure Symphony Dispatch Console's basic operational parameters including Setups, Workspaces and Audio
- Configure collections of Communication Modules including groups, users, paging and others
- Add modules and/or workspace tabs to the current setup
- Configure runtime settings for the Symphony Dispatch Console GUI; histories, RX calls, display and alias / ID
- Discuss the Audio Box Configuration to adjust gain of devices, turn ALC on/off and adjust bias

- 5:30 pm – 7:30 pm** **Opening Reception**

Monday, April 29

- 7:00 am – 8:00 am** **Breakfast, *meal provided***
- 7:30 am – 9:00 am** **Registration Open**
- 8:00 am – 8:30 am** **Welcome and Introductions**
- 8:30 am – 10:00 am** **Users Panel Discussion: System Operations and Lessons Learned in 2018 Disaster Situations**
- 10:00 am – 10:30 am** **Exhibit Hall, *Prize Drawing***
- 10:30 am – 12:00 pm** **Users Talking to Users**



12:00 pm – 1:30 pm Lunch with Guest Speaker, *meal provided*
1:30 pm – 2:15 pm Users Talking to Users
2:15 pm – 3:45 pm Exhibit Hall, *Prize Drawing*
3:45 pm – 5:00 pm General Session/Elections
 Dinner, *on your own*

Tuesday, April 30

7:00 am – 8:00 am Breakfast, *meal provided*
7:30 am – 9:00 am Registration Open
8:00 am – 9:15 am Welcome/Harris Overview/L3 Merger
9:15 am – 10:00 am Keynote Speaker
10:00 am – 10:45 am A (Mission) Critical Time for Operational Interoperability
10:45 am – 12:15 pm Harris Experience, *Grand Ballroom A-C*
 Experience hands-on product demonstrations and have one-on-one conversations with Harris technology experts
12:15 pm – 1:30 pm Lunch, *meal provided*
1:30 pm – 2:00 pm Keynote Speaker
2:00 pm – 3:00 pm Harris Product Roadmap for Utility and Public Safety Sessions

Sessions	Utility	Public Safety
2:00 pm – 3:00 pm	Utility VoC	Public Safety VoC
3:00 pm – 3:15 pm	Break	Break
3:15 pm – 4:45 pm	Future of DMR P25 Roadmap Services	Broad Portfolio of Devices VIDA System Solutions Services

6:30 pm – 9:00 pm Harris-Hosted Dinner, *meal provided*



Wednesday, May 1

7:00 am – 8:00 am	Breakfast, <i>meal provided</i>
8:00 am – 8:30 am	General Session / Election Results and Close
8:30 am – 5:30 pm	Training Session 1: P25 Over-The-Air Rekeying (OTAR), <i>lunch provided</i>
Duration:	8 hours. Upon completion of this class attendees will receive certification from the Harris Training Center.

Course Description:

This training session will review the features, terminology and recommendations for Over-The-Air Rekeying (OTAR). The training will begin with a brief overview of the Harris P25 radio system architecture and then review the setup and configuration of the Unified Administration System (UAS) as it relates to encryption. This includes an overview of the Key Management Facility (KMF) server. Upon completion of this training, participants will be able to:

- Describe the basic Harris VIDA® infrastructure and identify key components
- Describe the basic operation of a P25 trunked radio system
- Define all terminology associated with OTAR
- Describe the relationship between P25 Talk groups, Users and CryptoNets
- Discuss the use of System Keys
- State the functions of the KMF
- List the components/servers that must be configured for OTAR
- List the required steps to implement OTAR on a P25 radio system
- Identify encryption needs and responsibilities of personnel associated with OTAR
- Create CryptoNets and assign Users and Talkgroups to CryptoNets
- Rekey and change over CryptoNets
- Describe how to Zeroize terminal equipment (locally and remotely)
- Describe how keys can be shared among multiple KMFs on a Harris network and between multiple vendor's encryption key management systems

8:30 am – 5:30 pm	Training Session 2: Tait Radio Operation & Programming, <i>lunch provided</i>
Duration:	8 hours. Upon completion of this class attendees will receive certification from the Harris Training Center.

Course Description:

This training session will cover the basics of operating and programming Tait radios for both P25 and DMR systems including the different available options. The training will also cover the Harris Unified Vehicle platform and how to integrate it into your current or future mobile radio fleet. Upon completion of this training, participants will be able to:

- State the options available on different Tait radio models
- Discuss the controls, indicators and menus of Tait subscriber units
- Describe the basic process for creating a radio configuration file for DMR radio systems
- Describe the basic process for creating a radio configuration file for P25 radio systems
- Discuss the process for updating a radio configuration file
- Discuss how to upgrade software in a subscriber unit
- State which mobile radios can utilize the Harris Unified Vehicle feature



- Describe how to update an existing mobile radio to utilize the Harris Unified Vehicle platform
- State the purpose of AppBuilder and how it interfaces with the Harris Unified Vehicle hardware
- Discuss the benefits of utilizing the Harris Unified Vehicle platform

Thursday, May 2

7:30 am – 8:30 am **Breakfast, *meal provided***

8:30 am – 12:30 pm **Training Session: Harris Radio Programming, *lunch provided***

Duration: **4 hours. Upon completion of this class attendees will receive certification from the Harris Training Center.**

Course Description:

This training session will focus on advanced Harris radio programming topics to include using zones, voice annunciation, and mixed zone scanning, and what it takes to program a Harris P25 radio to operate on another manufacture's P25 radio system. The Radio Personality Manager (RPM) and Radio Personality Manager 2 (RPM2) software applications will be compared. The training will also include a brief overview of Harris P25 radio system architecture and operation. Upon completion of this training, participants will be able to:

- Describe the basic Harris VIDA infrastructure and identify key components
- Describe the basic operation of a P25 trunked radio system
- Discuss the differences between Radio Personality Manager (RPM) and Radio Personality Manager 2 (RPM2)
- Describe the basic process for creating a new P25 trunked radio personality
- Describe how to best utilize zones, mixed zones, mixed zone scanning, custom scan lists and voice annunciation
- Describe the process for programming a voice annunciation configuration file into a radio
- Describe the process for updating radio features in XL and XG radios
- Discuss the process for programming personalities and updating firmware in XL radios over a Wi-Fi® network