



# Alster News



Volume 21, Issue 9

September 2017

## ACES Salem, Issaquah, Anchorage

We are proud to announce our 40th Alster Communications Electronic Showcase!

This year ACES we will be held in Salem on Tuesday, October 3rd; Issaquah on Wednesday, October 4th; and Anchorage on Thursday, October 5th. The schedule and hotels are listed below.

### 6 Technical Seminars

We will have six technical presentations, an exhibit area showing the latest and greatest product we have to offer and provide free coffee, pastries, lunch, door prizes and a good time.

### 14 Manufacturers

Factories scheduled to be

in the exhibit area include:

**Bird/TXRX** - Cavities, couplers, receive multicouplers, signal boosters

**Cadex Electronics** - Battery Analyzers and Maintenance Systems.

**Cobham/Aeroflex** - Handheld and Desktop Service Monitors

**Codan/Daniels** - Analog and P25 base station and repeaters, link controllers

**Federal Signal** - Outdoor Warning Sirens

**JPS Interoperability Solutions** - Interoperability Gateways and Voters.

**Lyncole** - Grounding Products

**Otto Communications** - Audio accessories

**Power Products** - Portable radio Batteries and Chargers

**Pulse/Larsen** - Base, Mobile, Portable, LTE antennas

**Pyramid** - In-Vehicle repeaters, mobile data terminals

**Survey Technologies** - Drive test software

**TASC Systems** - Site monitoring equipment

**Times Cable/Protect** - Flexible cable and lightning protection.

### Free Registration!!

To register, please go to [www.alster.com](http://www.alster.com) and click the Registration link on the Home Page.

## ACES - Schedule And Hotels

As usual, the 2017 ACES Show begins at 8:00 AM with two seminars (Room A and B, see pages 2 and 3).

We encourage you to get there early for registration and to grab a cup of coffee and a pastry before the seminars start.

About 9:30 after the first seminars end, our Exhibit area opens up and we invite you to speak with our sales managers and look at the newest products they have to offer.

At 11:00 AM, we will

continue with two more seminars in rooms A and B.

At noon, we provide our free lunch and pull our door prize winners.

At 12:45, our last two seminars of the day begin in rooms A and B.

### Hotels Locations

The following is a list of our hotels.

### Salem - Tuesday

Red Lion Hotel  
3301 Market Street NE  
Salem, OR 97301

### Issaquah- Wednesday

Holiday Inn

1801 12th Avenue NW  
Issaquah, WA 98027

### Anchorage - Thursday

Millennium Alaskan Hotel  
4800 Spenard Road  
Anchorage, AK 99517

We look forward to seeing you the first week of October - please register today. Ω

## Inside this issue:

ACES - Room A seminars 2

Cobham - 8800SX Service Monitor 2

TASC - Site Monitoring 2

ACES - Room B seminars 3

Bird - Super Booster II+ 3

JPS - VIA push to talk over cellular 3

Codan - Cascade Repeater 4



## ACES - Room A Seminars

Our Room A technical seminars begin at 8:00 AM with an abbreviated version of the **Cobham/Aeroflex** Digital workshop, we will discuss digital signaling and how radio alignments can impact performance of digital systems.

Our 11 AM session is a discussion by **TASC Systems** of the various components and applications of

a site monitoring system.

We will discuss complete solutions from application specific sensors, low-power remote site platforms, extensive backhaul options and integrated software products.

Our 12:45 PM seminar will have **Codan/Daniels** present a discussion on the Cascade repeater, featuring a built-in system controller,

the Cascade provides voting, simulcast, and P25 trunking network control allowing small-to-medium sized networks to be built without the need for any central controllers.

Daniels is known for their educational seminars on these topics and these are an abbreviated version. Ω

### ACES Seminars

## Cobham-8800SX Service Monitor

The 8800SX expands upon the unprecedented features of the 8800 Series with a new 10 MHz external reference and new software capabilities to further speed testing of today's Land Mobile Radio systems.

With its hybrid portable design, the industry's largest color touch-screen display, ruggedness, internal battery,

power accuracy, advanced automated test and alignment, fast VSWR/Return Loss and Cable Fault measurements, the 8800SX offers RF professionals a whole new experience in radio test.

The 8800SX combines the performance and features of a bench-level test set with the portability and

ruggedness of a field-level instrument. Weighing only 17 lbs (7.71 kg), an internal battery with 2.5+ hour of operation, and rugged 30 G shock rating, now test professionals will no longer compromise portability for critical test features. Ω



**Cobham 8800SX Service Monitor**

## TASC Systems - siteVIEW APEX

siteVIEW APEX is the next generation of TASC Systems' remote site monitoring software. In addition to providing all of the features and functionality of siteVIEW Enterprise, siteVIEW APEX provides many new advancements:

Singular, consolidated view of your network. Integrated SNMP-enabled elements and TASC remote monitoring platforms. Ag-

gregated real-time data from all network devices, element managers, and TASC remote monitoring platforms.

Identification and tracking of system performance issues and a human-machine interface with intuitive instrument panel interface. Event and alarm messaging (email, SMS and FleetSync).

siteVIEW Mobile, which

provides device and alarm management from mobile smart phone, tablet or any other web enabled devices.

Come see us at ACES for more information. Ω



**TASC Site Monitoring**



## ACES - Room B Seminars

The Room B seminars kick off with a DAS 101.

**Bird Technologies** will discuss BDA's and their use, followed by **Times Microwave** discussing cable types and their applications as well as lightning protection needed for a DAS design. **Pulse / Larsen** will take over and discuss different types of antenna systems

used in a DAS system.

Our 11 AM session will be a re-introduction of **JPS Interoperability**

This session will be a re-introduction of JPS Interoperability, discussing Gateways and different applications for their uses you may not have considered.

Our 12:45 PM seminar is

a discussion by **Lyncole** on proper soil testing techniques and learn why a majority of grounding tests are invalid. They will discuss the paths of electrical surges into a facility and how to protect your equipment. Ω

### ACES Seminars

## Bird - Signal Booster II+

The Bird® Signal Booster II+ provides UHF, 700, 800 and 700/800 Public Safety grade reliability and coverage in disadvantaged RF locations for First Responders, Public Safety and Governmental agencies and Private System Users.

Reliable RF coverage is gained in basements, parking garages, correctional facilities, courthouses, hos-

pitals, malls and schools. Other challenging environments covered by the Signal Booster II+ product include subways and rapid transit systems, airports, stadiums/arenas, high-rise buildings and large private enterprise facilities and campuses.

The SBII+ is a complete redesign of the SBII leveraging decades of experience for building public safety

signal boosters.

Even though this product is smaller and lighter than the SBII, the design offers additional power amplifier protection, the same output power and similar filter options as the SBII while also offering a plethora of software features to provide critical system status information as it happens.

Come see us at ACES. Ω



**Bird Technologies  
Signal Booster II+**

## JPS Interop - VIA Push-To-Talk

The JPS VIA Push-to-Talk over cellular application, integrated with ACU radio interoperability gateways, provides our customers a major expansion in communications capabilities. Also, hardware costs drop when access to radio channels can be provided by cellular devices to personnel who need access, but don't require all features available to handheld radios.

Additional benefits include the ability to set up

ancillary Smartphone talk groups to reduce traffic on vital radio channels during a major incident, plus the extension of communications into areas with poor radio coverage, such as in a parking garage, or to supervisors traveling outside the coverage area.

JPS VIA is offered as a hosted service running on commercial 3G/4G/LTE/WiFi networks.

Customers simply purchase the service through JPS and

download the application to their Smartphones from the JPS Android or JPS Apple App Store. A monthly service fee is charged per mobile device used.

JPS VIA offers ESChat's full and very extensive feature set, and JPS will be also be rolling out new features that more tightly integrate the JPS VIA application with ACU gateways, bringing increased awareness and control to all users of the combined system. Ω



**JPS  
Push-to-Talk over  
cellular application**



Cliff Peck  
Alster Communications  
912 Lakeside Drive  
Lolo, MT 59847  
(406) 273-2695  
cliff@alster.com

**Register for  
ACES at  
[www.alster.com](http://www.alster.com)**



## Codan - Cascade Repeater

Codan/Daniels presents Cascade as the next-generation P25 base station/repeater that offers the only integrated system-in-a-box solution on the market. This all-inclusive package features two 100W P25 repeaters mounted inside a 4RU subrack complete with network interface and power supply.

The Cascade repeater brings to the market simulcast and voting systems, P25 trunking systems (Phase 1 and Phase 2 available) as well as a wide range of networked repeater solutions. Featuring a built-in system controller, the Cascade provides voting, simulcast, and P25 trunking network control allowing small-to-medium sized networks to be built without the need for any central controllers. In environments with multiple repeaters, the Cascade pro-

vides the ultimate in controlling system redundancy – a key aspect for mission critical LMR systems.

By having a built-in simulcast/voting controller in every repeater, the ability to build networks in an affordable manner has never been easier. Simple and intuitive user interfaces allow for easy initial set up and system maintenance. In the event of a control failure on a single repeater, any one of the remaining repeaters can take over this control thanks to a mirrored control interface in each of the Cascade repeaters.

The Cascade network interface controller is used to provide network connections between all repeaters, sites and systems.

Come see us at ACES for more information.  $\Omega$



### ACES 2017

We are proud to announce  
our 40th

Alster Communications

Electronic Showcase!

This year ACES we will be  
held in

**Salem, OR, Oct. 3rd**

**Issaquah, WA, Oct. 4th**

**Anchorage, AK, Oct. 5th**