



PUBLIC SAFETY Communications

THE OFFICAL MAGAZINE OF APCO INTERNATIONAL INC.

Integrating Multiple Technologies into Public Safety Dispatching

Bryan Dillingham

Buncombe County Government

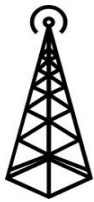
Kevin Sumrell

Avtec Vice President of National Accounts

Sponsored by Avtec Inc.



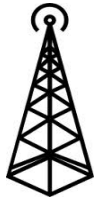
Geographically Dispersed Components



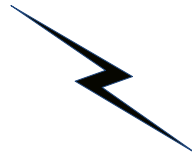
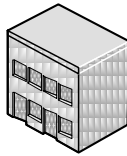
Radio Site
2 Avtec Outpost
2 Zetron I-RIM
1 Conventional Basestation



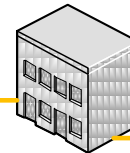
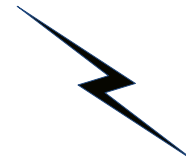
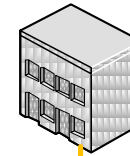
Radio Site
2 Avtec Outpost
2 Zetron I-RIM
2 Conventional Basestation



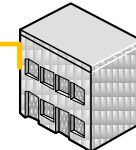
Secondary PSAP
4 Avtec Consoles



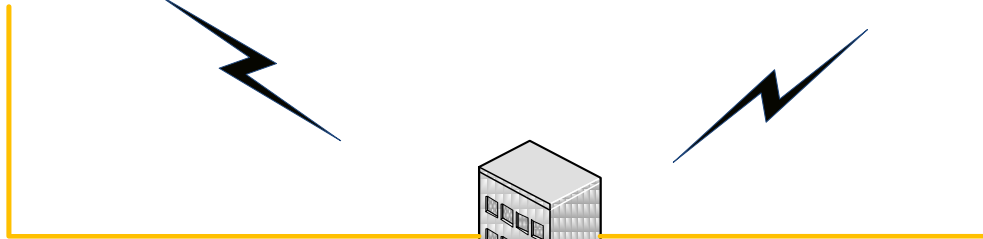
Primary PSAP
11 Avtec Consoles
1 VPGATE
2 Avtec Outpost Console Interface
2 Avtec Outpost Base Station Radios
Avtec Relay Panel for Door Control



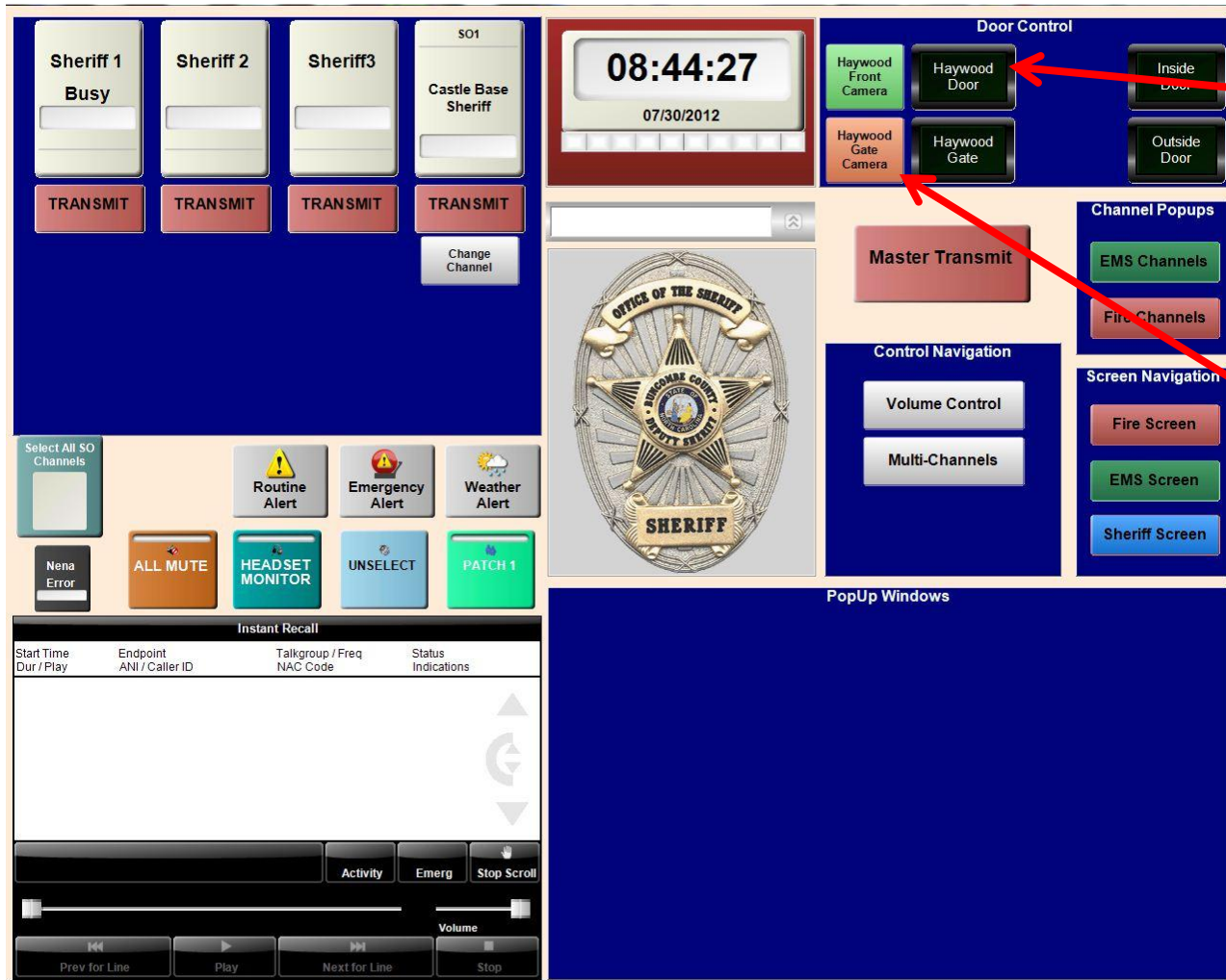
Data Center
1 Avtec Consoles
1 VPGATE
2 Avtec Outpost Console Interface
2 Avtec Outpost Base Station Radio



Building 1
Avtec Relay Panel for Door Control
IP Camera Integration



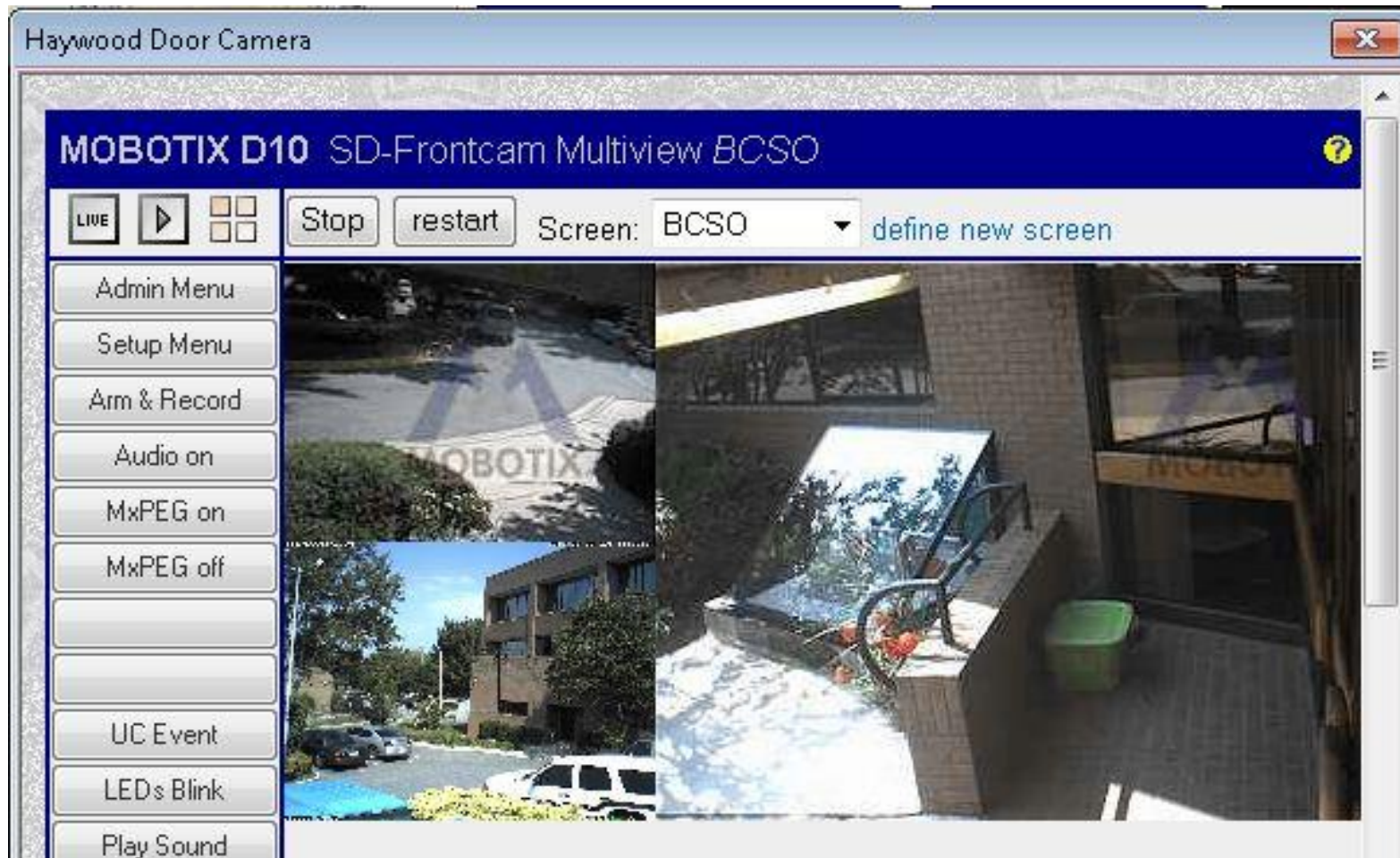
Access Control and Camera



Door
Control

Camera
Call Up

Camera Popup Window



Integration with Closed Radio Systems



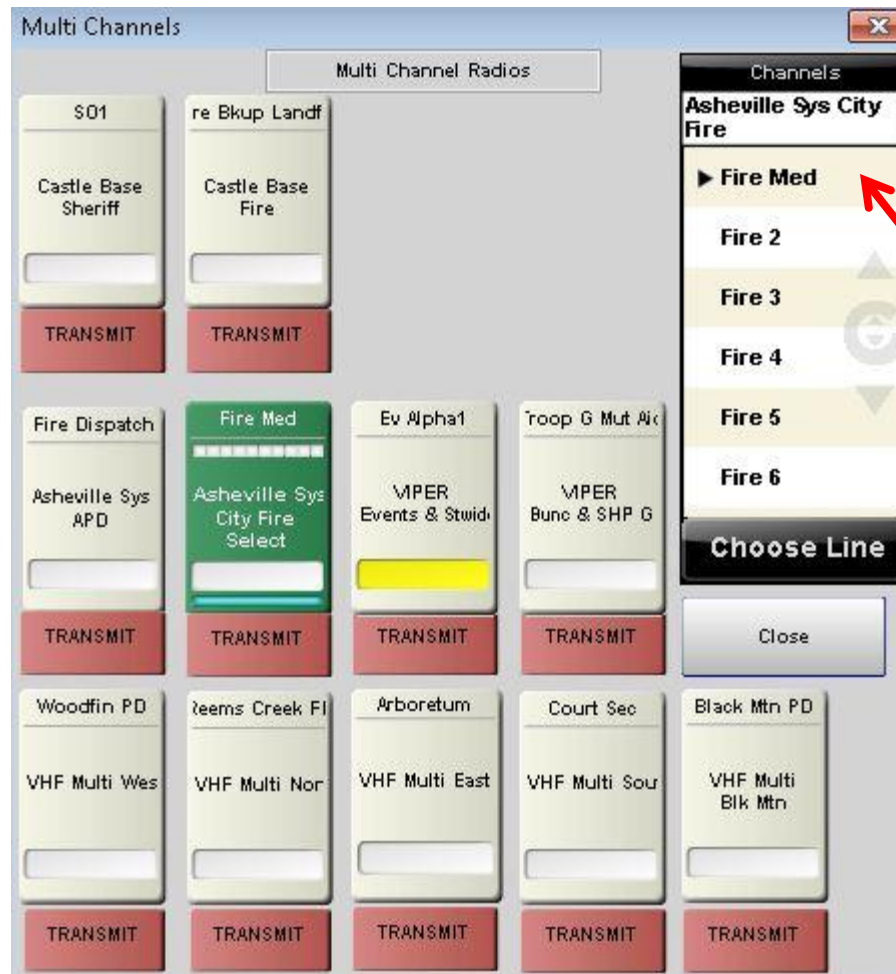
Button for Control Station

Avtec Outpost/Zetron iRim Integration



Questions?

Talk Group Selection Window



Talk Group
Selection
Window

Legacy Receiver Control

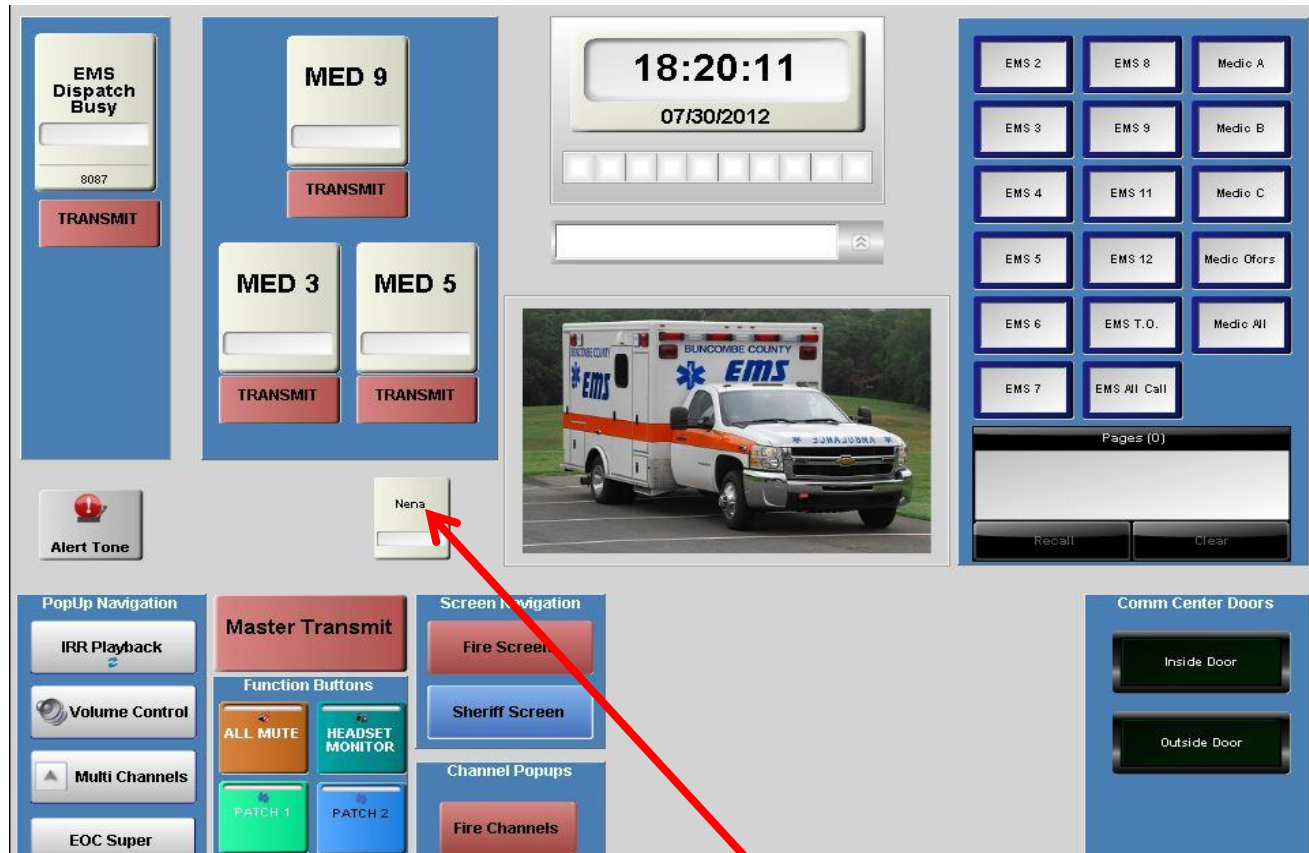
SO Rcvr Control

Sheriff's System Receiver Control

SO 1 HI TOP Enabled	SO 2 HI TOP Enabled	SO 4 HI TOP Enabled
SO 1 FLAT TOP Enabled	SO 2 FLAT TOP Enabled	SO 4 FLAT TOP Enabled
SO 1 LANDFILL En	SO 2 LANDFILL En	SO 4 LANDFILL En
SO 1 SVN GLNS Enable	SO 2 SVN GLNS Enable	SO 4 SVN GLENS Enabl
SO 1 BLK MT Enabled	SO 2 BLKMT Enabled	SO 4 BLK MT Enabled
SO 1 CORT HSE Enabled	SO 2 CORT HSE Enabled	SO 4 CORT HSE Enabled

Close

Phone Integration (NENA Interface)



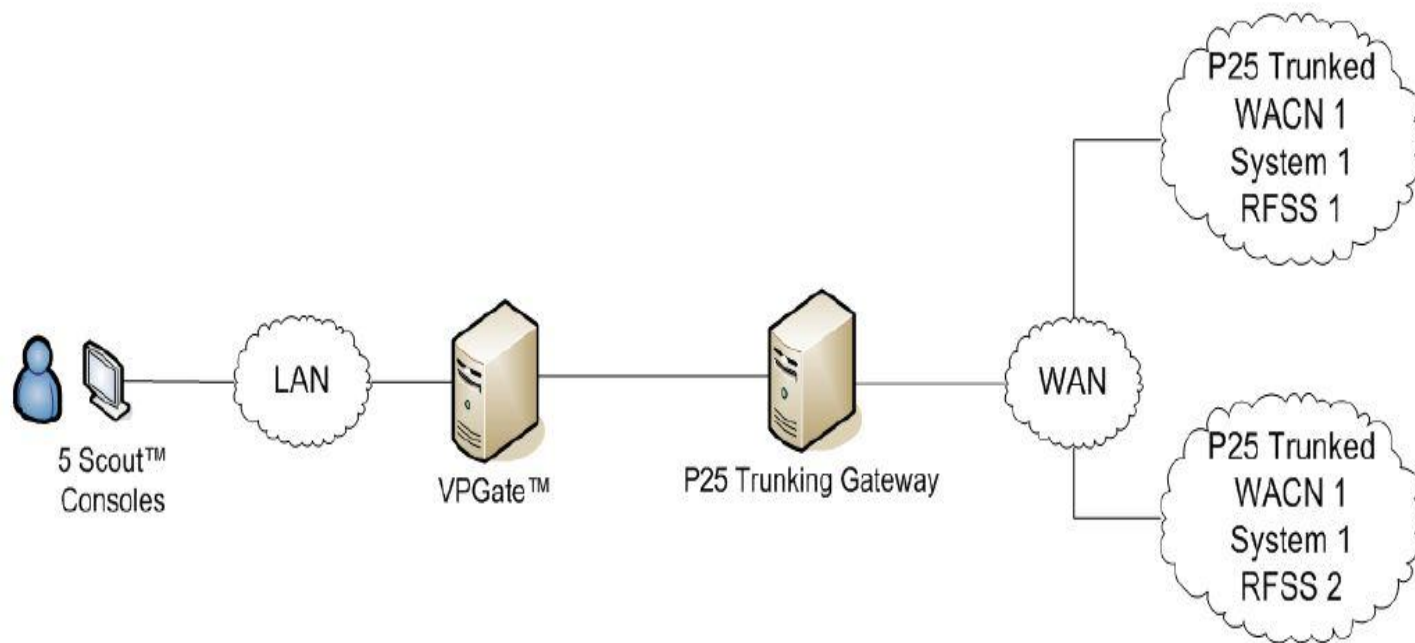
NENA Interface Selector

Phone Integration (NENA Interface)

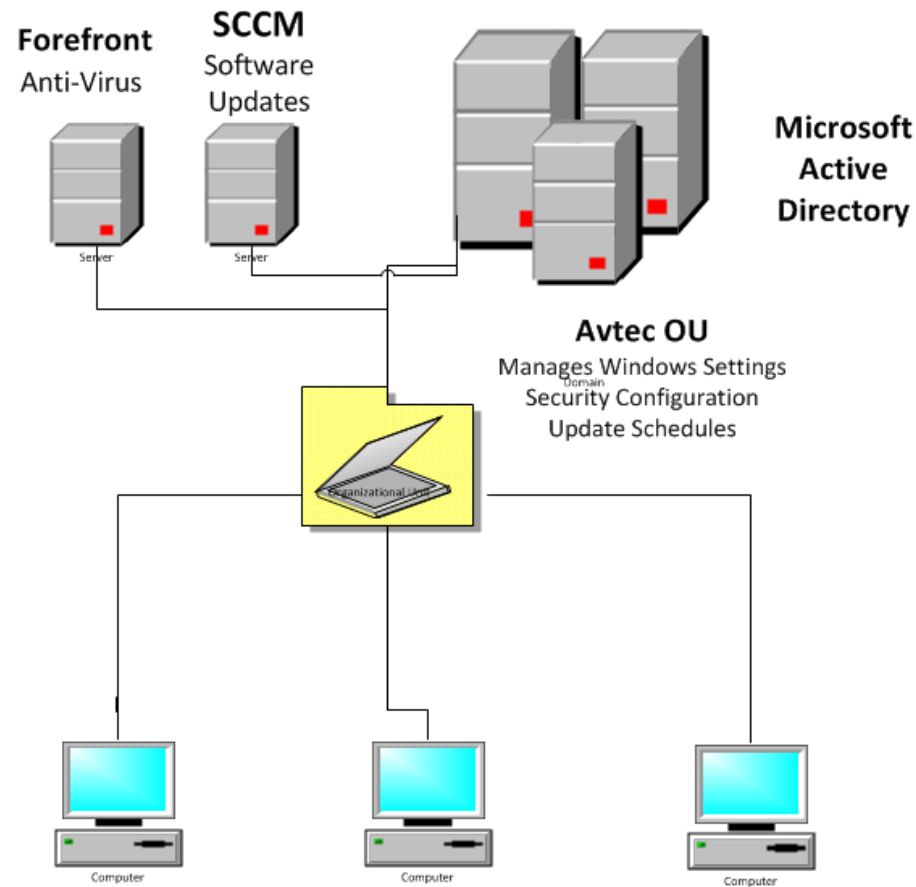


Single Headset for Radio and Phone

P25 CSSI Integration



Integration with Microsoft Active Directory



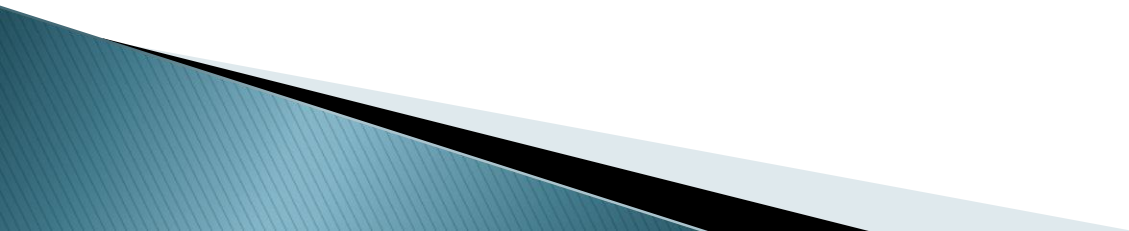
Dispatch Consoles

In Summary

Leveraged the IP backbone as a means of integrating and distributing technology

Implemented a console system that supported integration of various radio technologies

Consolidated applications within the console to improve Dispatcher interface to solutions



Questions?

Thank you for attending!

For more information from Avtec,
contact Kevin Sumrell at
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