



CYNERGYZE
CONSULTING

Dallas P25 Overlay System ISSI Deployment Introduction

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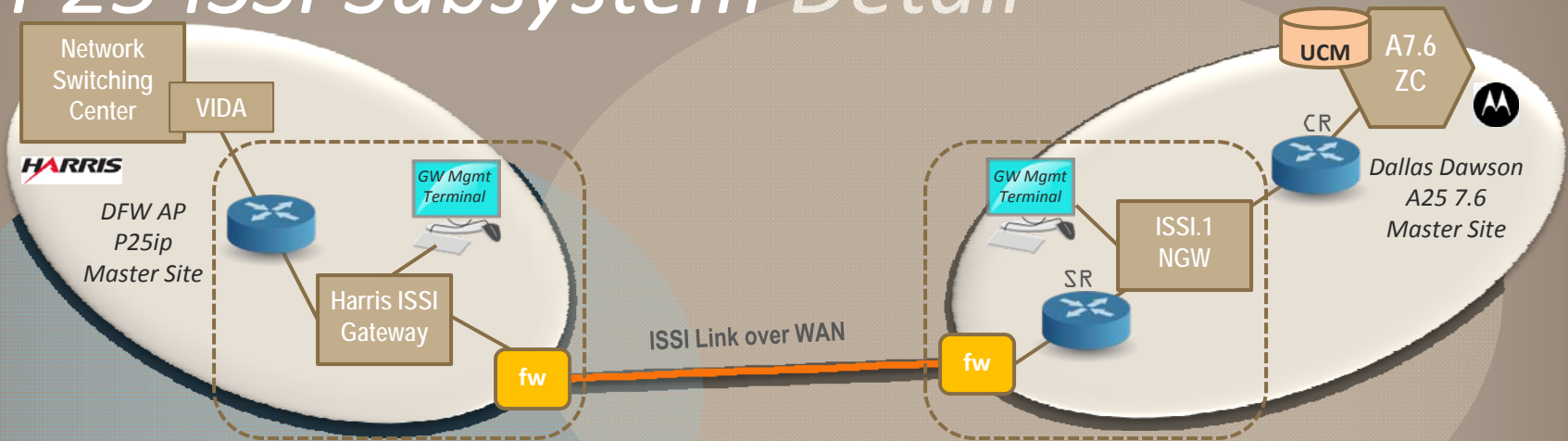
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Introduction

- Dallas PSIC Project presented with a historical opportunity
- Critically important to industry that first multi-vendor ISSI installation is successful – much is at stake
- Opportunity for Dallas and Texas to get recognition for leadership in interoperability
- Success and lessons will be leveraged nationwide

P25 ISSI Subsystem Detail



- Each ISSI Subsystem consists of
 - A connection to a central controller/switch
 - Routers
 - Gateway hardware and/or software
 - Firewalls
 - Connectivity to WAN
 - Management and configuration application

ISSI Project Objectives

- Get ISSI connections up and running
- Accelerate and manage deployment of ISSI gateway connections in order to:
 - Increase chance of system deployment meeting overall objectives
 - Offload risk and effort from larger project team
- Debug and stabilize inter-system connection to eliminate all but provisioning risks being caused by problems in ISSI gateways

ISSI Call Services & Functions

ISSI Call Services to Test

- ISSI Group Call with iTG Home to DFW system
- ISSI Group Call with iTG Home to Dallas system
- Encrypted Group Call
- ISSI Emergency Call with iTG Home to DFW system
- ISSI Emergency Call with iTG Home to Dallas system
- Manual Roaming from DFW to Dallas
- Manual Roaming from Dallas to DFW

ISSI Call Services & Functions, cont'd

• **Other Configurations and Test Situations**

- Three Simultaneous ISSI Group Calls across the ISSI Link
- Recovery after loss of ISSI Link

• **Test ability to Manage and Change Talkgroups**

- Show how iTG programming can be changed on Harris side
- Show how iTG programming (mapping) is changed in Mot side