

North Central Texas Council of Governments

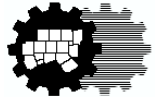
P25 Regional Overlay System Project

GOVERNANCE COMMITTEE
MEETING

August 25, 2010



Progress Report – P25 Overlay System



➤ Status Update

❖ Sub System 1 –

- **Master Site @ DFW Airport: ISSI Installed and Pre-Tested 7/19/10**
- **Burnett Plaza Trunked Overlay Site: Shipment Expected by September 27, 2010**
- **Installation Completion Expected by October 5, 2010**
- **T1 Circuit in place**

❖ Sub System 2 –

- **Master Site @ Dallas Dawson Street: ISSI Installed and Pre-Tested - 7/19/10**
- **Dallas-Dawson Street Trunked Overlay Site: Installation complete**
- **Collin County-Wilmeth Road Trunked Overlay Site: Installation complete & T1 circuit tested**
- **Denton County-Teasley Lane Trunked Overlay Site: Installation complete & T1 circuit tested**



Progress Report – P25 Overlay System



➤ **Status Update (Continued)**

❖ **Sub System 1 & 2 FCC Licensing**

- **Region 40 Review and Approval - 6/23/10**
- **APCO Coordination Completed**
 - **Collin County Wilmeth Road - 7/01/10**
 - **Fort Worth Burnett Plaza - 7/01/10**
 - **City of Dallas Dawson - 7/06/10**
 - **Denton County Teasley Lane - 7/21/10**
- **FCC Applications Filed**
 - **Wilmeth Road - 7/01/10**
 - **Burnett Plaza - 7/01/10**
 - **Dawson - 7/06/10**
 - **Teasley Lane - 7/21/10**
- **FCC Licenses Pending (applications under review by FCC) as of 8/25/10 – Status is being tracked daily**



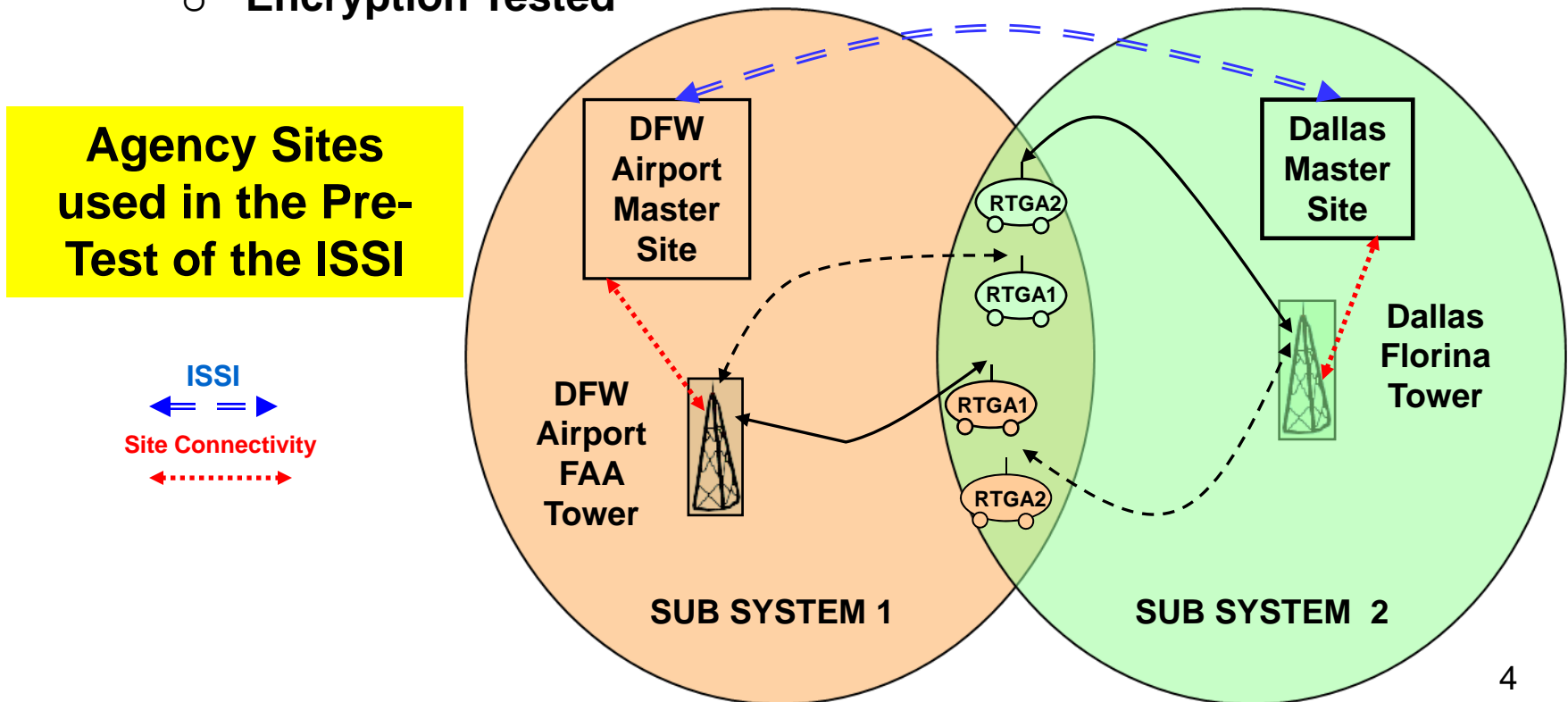
Progress Report – P25 Overlay System



➤ Status Update (Continued)

❖ ISSI Status

- Pre-Testing Completed 7/19/10
 - Successful Talkgroup Communications between SS1 (Harris) and SS2 (Motorola) Radio Units
 - Emergency Call Tested
 - Encryption Tested





Progress Report – P25 Overlay System



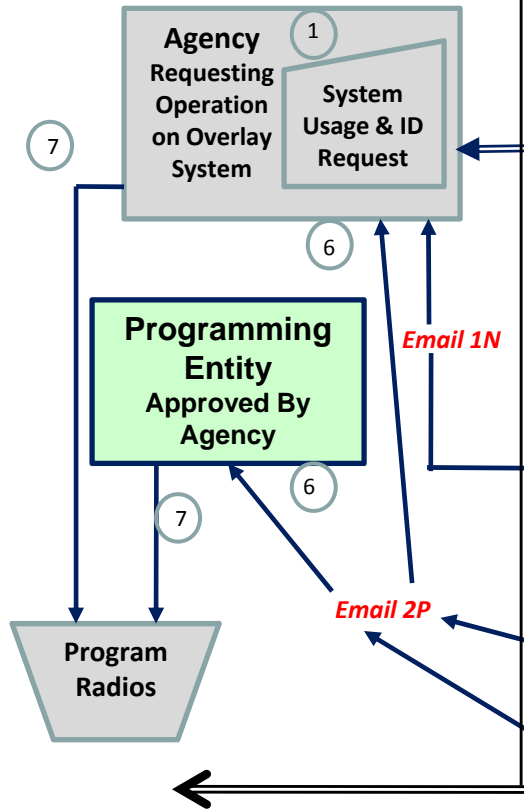
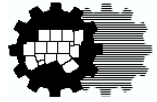
➤ Radio Unit Programming Plan

❖ Agencies Requesting Operation on the Overlay System Shall Follow a Specific Process

1. Request radio IDs via a NCTCOG Hosted Web Site
2. Complete the Web Based Form
 - a) Agency name and contact information
 - b) Number of IDs being requested
 - c) Model # and serial number for each radio
 - d) Contact information for programming entity, if other than the requesting agency
3. NCTCOG will forward the form to the Host Agencies; DFW Airport and City of Dallas
4. Host agencies will assign IDs & maintain a database
5. NCTCOG will retain a duplicate database
6. Programming information will be sent to the requesting agency and, where necessary, a programming key will be sent



Progress Report – P25 Overlay System



RADIO ID REQUEST

INTERNAL PROCESSES

RADIO ID REQUEST ACKNOWLEDGEMENT OR DENIAL

PROGRAMMING INFORMATION

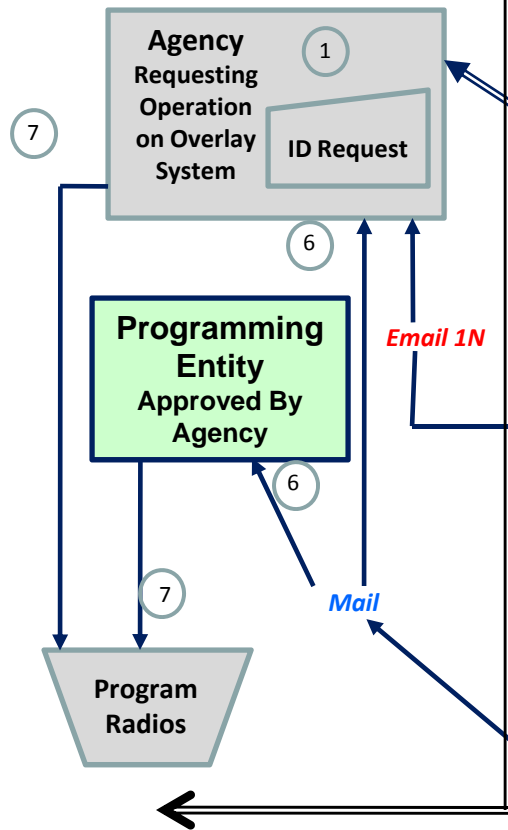
NCTCOG & HOST AGENCIES

DFW AIRPORT & CITY OF DALLAS

NCTCOG Overlay System - Radio Programming Plan

For Agencies **NOT**
REQUIRING a
Programming Key

Progress Report – P25 Overlay System



RADIO ID REQUEST

INTERNAL PROCESSES

NCTCOG & HOST AGENCIES

DFW AIRPORT & CITY OF DALLAS

RADIO ID REQUEST ACKNOWLEDGEMENT OR DENIAL

PROGRAMMING INFORMATION & PROGRAMMING KEY

NCTCOG Overlay System - Radio Programming Plan

For Agencies REQUIRING a Programming Key

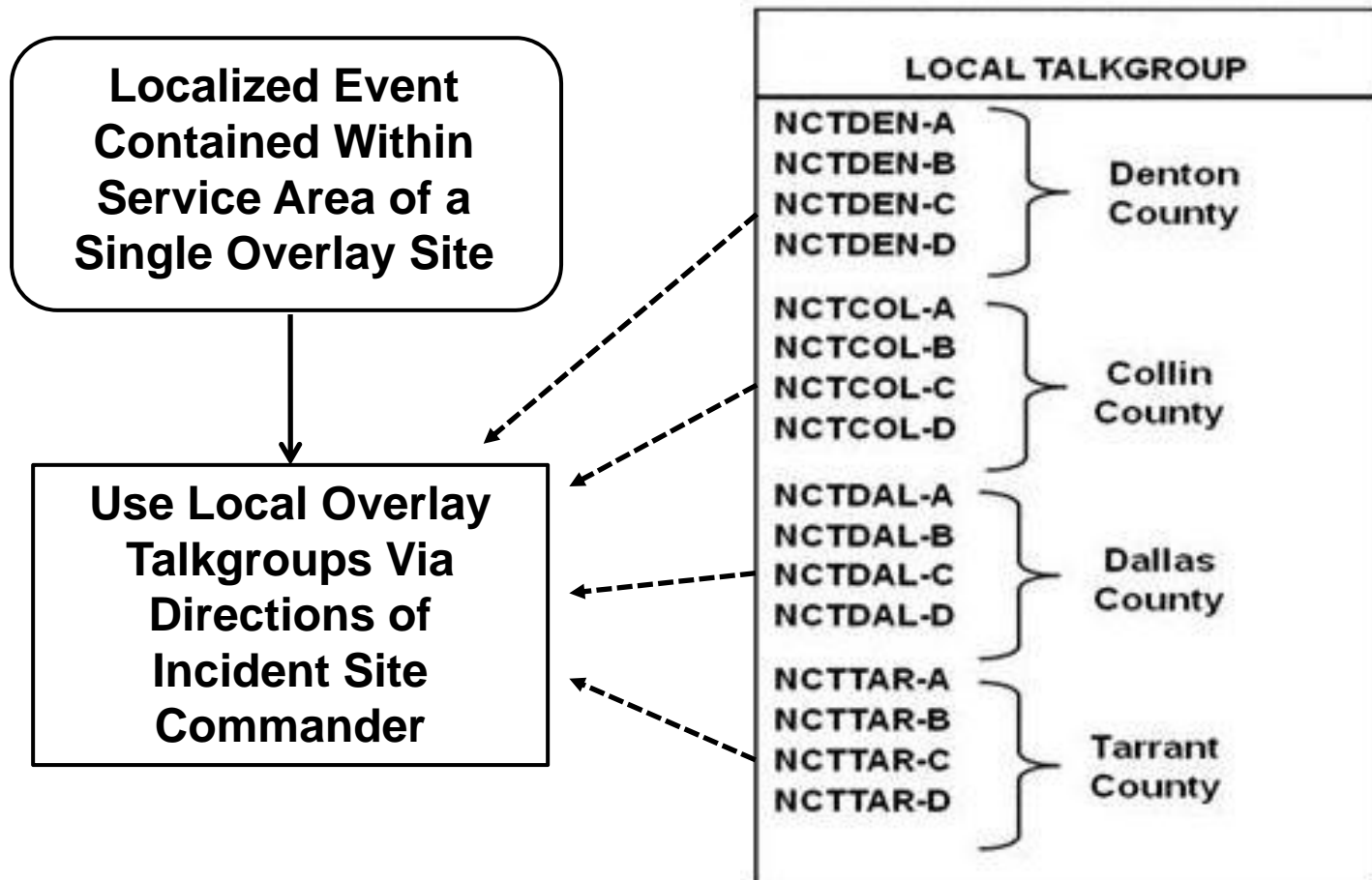


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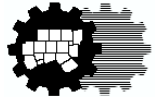
➤ Operations Plan

- ❖ Under development – expected by October 2010
- ❖ Usage Scenarios – Local & Regional



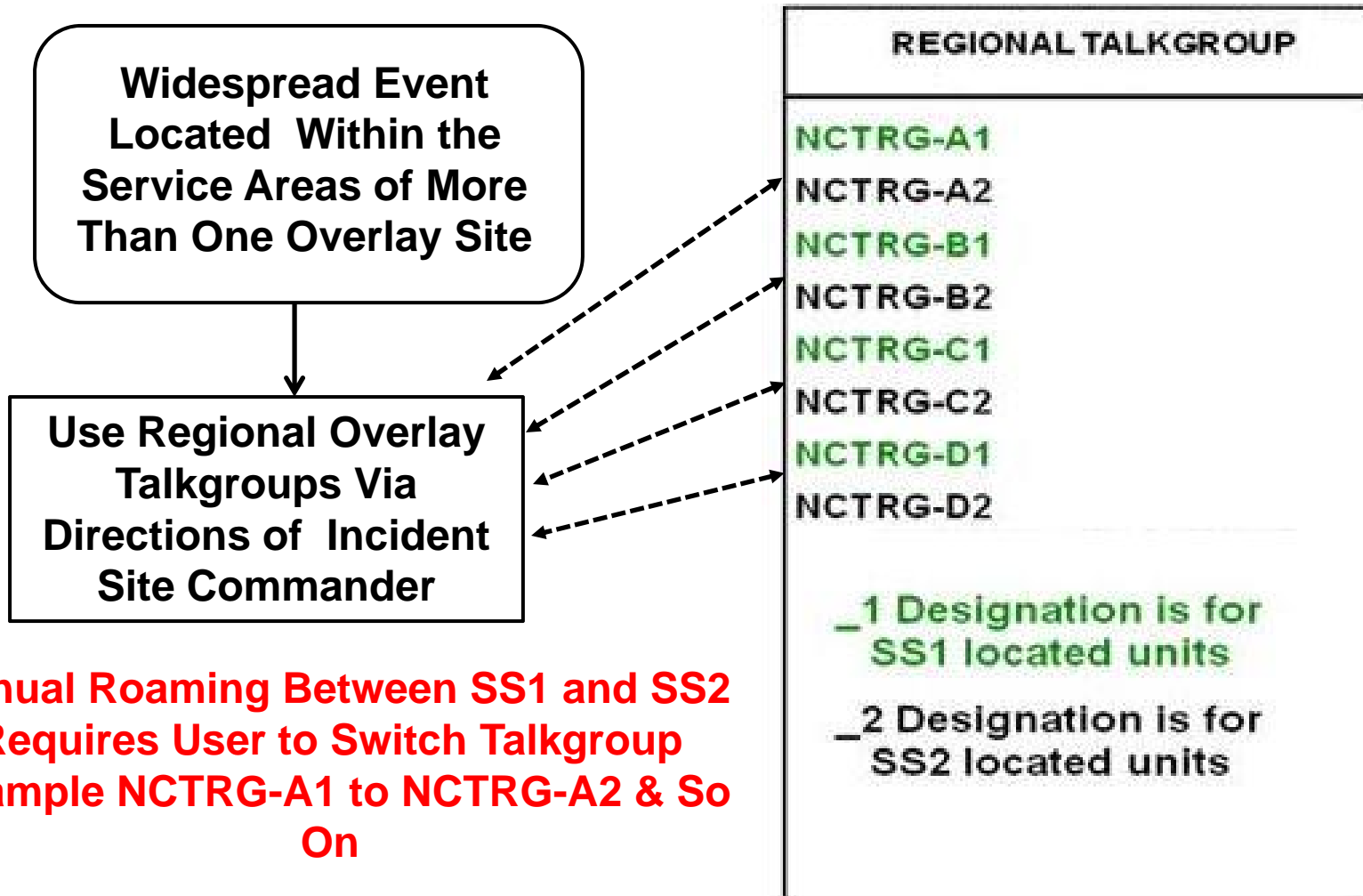


Progress Report – P25 Overlay System



➤ Operations Plan (continued)

❖ Regional Use Scenario



**Manual Roaming Between SS1 and SS2
Requires User to Switch Talkgroup
Example NCTRG-A1 to NCTRG-A2 & So
On**



Progress Report – P25 Overlay System



➤ Long Range Plan

- ❖ Under Development – expected by November 2010
- ❖ Interim Draft “Long Range Plan” Delivered April 20, 2009
- ❖ Final Long Range Plan Will be Integrated into RICP- Round 2