

EDACS Migration

Suzy Chen, Sales Engineering Mgr
Harris Users' Group Meeting
May 16, 2011

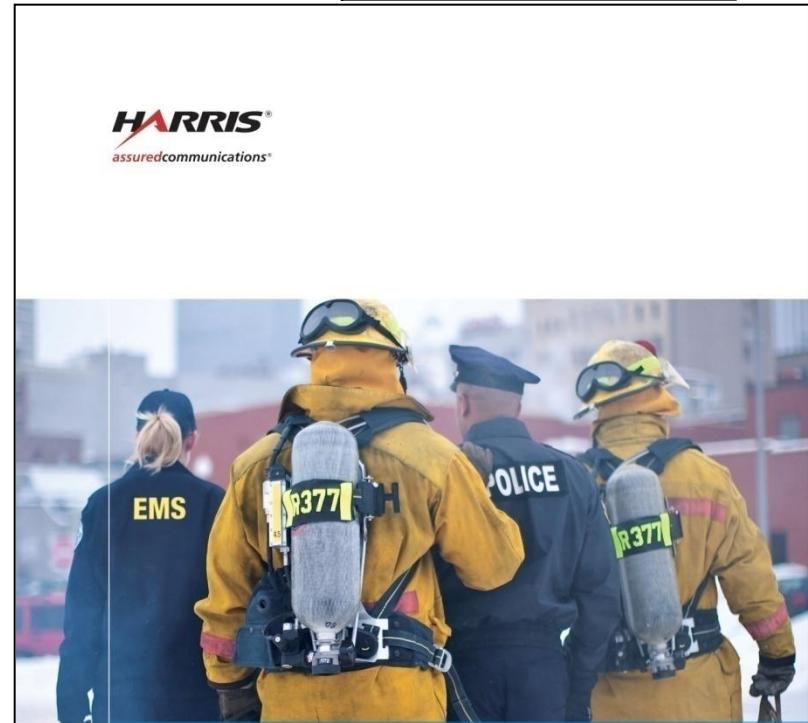


Benefits of Migration



- Power of the VIDA Core

- VIDA Switch
- EDACS^{IP} Gateway
- Site Architecture
- Radio Subscribers



- Moving Forward at your own Pace

- Leverage Existing Investments
- Enhanced Interoperability
- Expanding Your Network

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- Perform system audit
 - Plan for future needs
 - Identify migration plan and scenarios
 - Establish timeline and evolution phases of migration
 - Execute planned project phases

Every plan is custom



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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By this *Public Notice*, the Public Safety and Homeland Security Bureau (Bureau) announces that it will open a filing window for additional locations vacated by Sprint Nextel Corporation (Sprint) in the 809.5-815/854.5-860 MHz (Channels 251- 470) portion of the 800 MHz band. The channels being released by Sprint were previously made available at some locations within each NPSPAC Region.¹ The additional locations being vacated by Sprint pursuant to this *Public Notice* will make those same channels available for licensing over a larger geographic area in each NPSPAC Region.

The Bureau will begin accepting applications on **June 1, 2011** for facilities at the locations made available by this *Public Notice*.

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Migration Case Studies

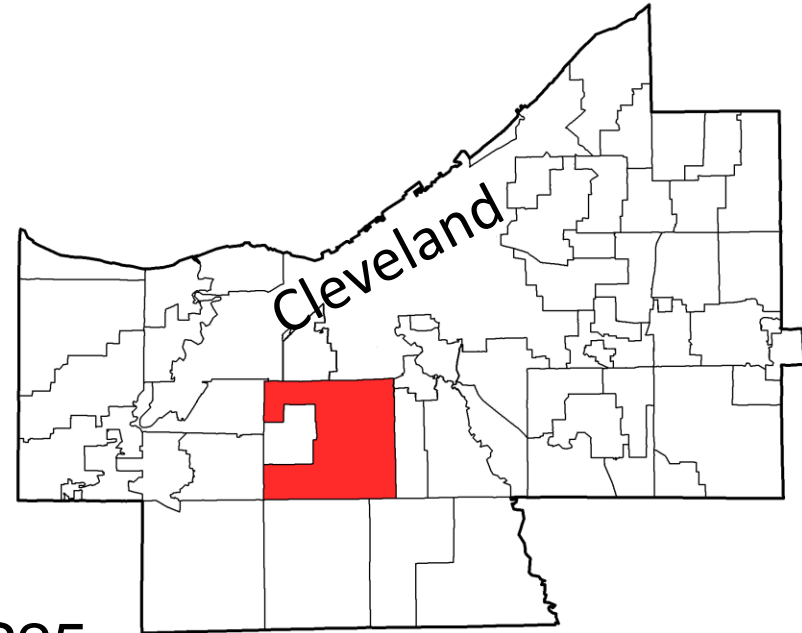
- City of Parma, OH
 - Completed

- Henry County, GA
 - On its way

- Miami Dade County, FL
 - Multiple VIDA applications

- Dallas Fort Worth Airport, TX
 - Mother of all VIDA networks

- System Configuration
 - 2 sites, 11 channels
 - Multisite with SCAT (10+1)
- Timeline
 - 1989: purchase EDACS
 - 2006: upgrade 5 channels to P25
 - 2008: upgrade remaining channels to P25
 - 2009/2010: upgrade SCAT to VDOC

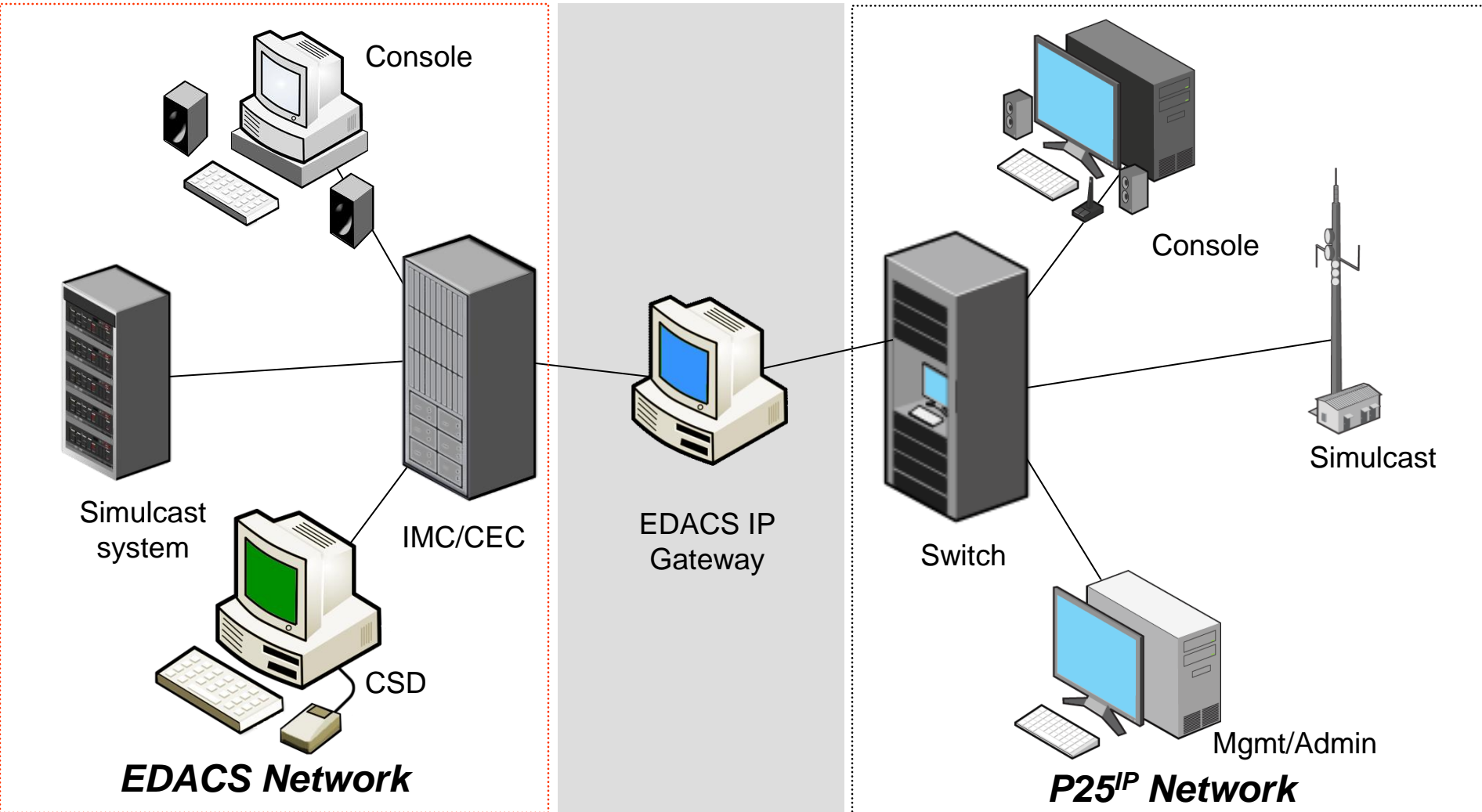


Atlanta

- System Configuration
 - 6 sites, 8 channels
 - GPS simulcast
- Timeline
 - 2000: purchase EDACS
 - 2007: upgrade proposal
 - 2009: one-on-one migration discussion
 - 2010: purchase VIDA components

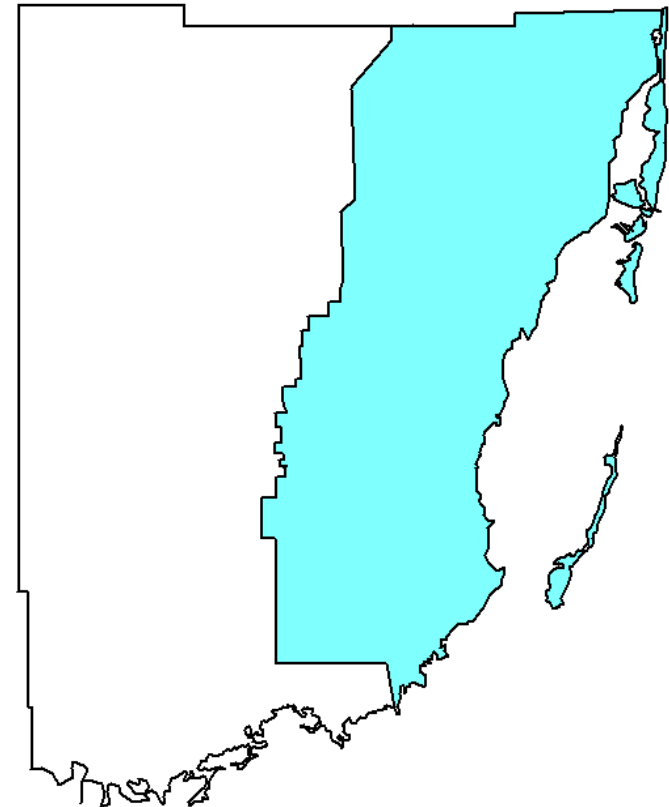


Henry County Migration



- Rebanding hell
 - Rebanding “cash-out” was insufficient
- Issued bond for new EOC and dispatch center
 - Migrate to VIDA
 - Upgrade phone system
- Applied for grant

- System Configuration
 - 800 MHz
 - Dual overlapping simulcast systems
 - Plus multisites
 - 32,000 radios
 - Almost 7 million PTT's/month



- VIDA Integration:
 - Put in NetworkFirst to support Super Bowl
 - Put up 700 MHz P25 sites for regional interoperability
 - Installing 700 MHz OpenSky for transit
 - Converting voice users to 800 MHz P25
- Leveraged rebanding “cash-out” funds
 - Sprint/Nextel provided 24,000 radios
 - MDC paid for **system upgrades**

- System Configuration
 - 10 channel single site EDACS
 - Initial purchase: 1991
- Highlights:
 - P25 site for interop
 - OpenSky for voice and data for transportation talkgroups
 - 4.9 GHz VIDA broadband
 - Transcoder
 - ISSI with NTCOG Motorola systems
 - Interfaced to Nokia Siemens Networks LTE system



- Migrating across all markets
 - Consolidated: LCRA
 - Utilities: Salt River Project
 - Transportation: DART
 - Federal: Fort Polk

- Migrating to different VIDA applications
 - OpenSky: Continental, Jackson EMC
 - P25 and OpenSky: DART

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- Migrating by different funding approaches
 - Rebanding “cash-out”
 - PSIC Interoperability Overlay
 - New dispatch center
 - Local events
 - Lease
 - Grant

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- Harris engineers available to discuss your specific migration strategy
 - Ron Bender, Director of Systems Engineering
 - Suzy Chen, Sales Engineering Manager
 - Available Monday and Tuesday
 - Sign up for an appointment with Jackie Horsley

- Current platform
- Future needs
- Schedule
- Funding
- Trade-offs



THANK YOU!

