

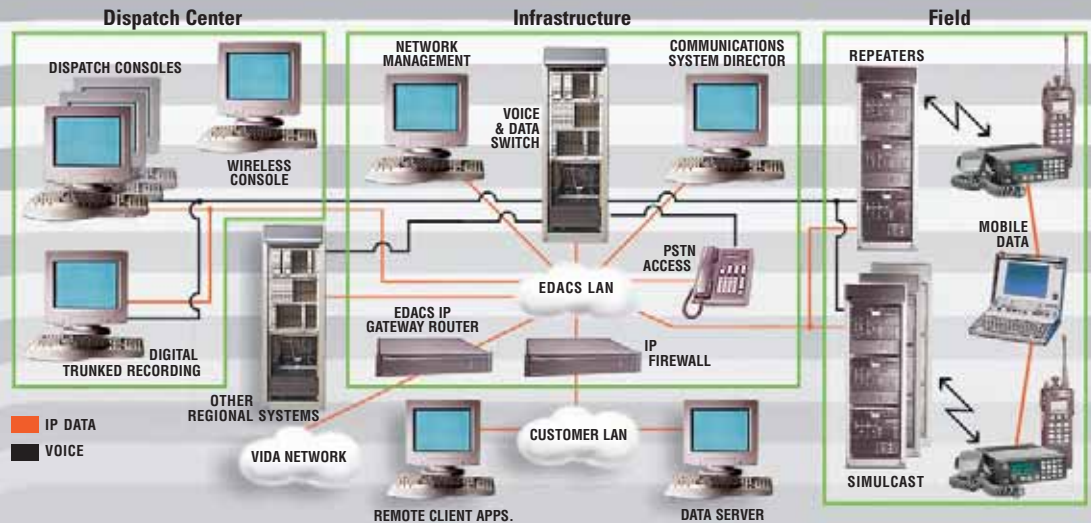
IT JUST KEEPS GETTING BETTER...

EDACS is a trusted, high-performance trunked critical communications system designed for public safety, industrial, utility, transit, military and government users. Choose from analog or digital voice; single-site, multisite or simulcast configuration; and frequencies from VHF to 900 MHz.

EDACS



EDACS:
Proven Reliability and Evolution to the Future
 EDACS offers a full range of rugged, software-defined radio, dispatch, network and network management equipment.



The Critical Communications System that Defies the Rules

For over a decade, one critical communications system has remained at the top for performance, proven interoperability, cost-effectiveness and longevity. Now, with the integration of IP Networking and a full featured IP interface to M/A-COM's VIDA Network, EDACS proves its versatility and indestructibility once again with access to the latest IP-based features and technologies and the spectral efficiency of TDMA.

NOW: Even More Levels of Interoperability

M/A-COM and EDACS have always led the way in true interoperability with radios and systems from multiple manufacturers. EDACS networks today incorporate virtually seamless and fully automated interfaces with multi-vendor analog, digital, trunked and conventional systems on a multitude of disparate frequencies. And there's more: EDACS radios can now be provided with the

APCO Project 25 Common Air Interface (CAI) as well as an interface with virtually all legacy systems. The EDACS IP Gateway provides unsurpassed interoperability with other radio system technologies, including P25^{IP}, OpenSky, and NetworkFirst. This interface to M/A-COM's Unified Network Architecture will assure you of compatibility with new standards as they are developed.

NOW: Additional Security

EDACS ProVoice digital now supports DES encryption with FIPS-140 certification by the National Institute of Standards and Technology. In addition, the EDACS Security Key software application further strengthens security by working at both the radio and the network levels to prevent unauthorized users from:

- Accessing the network
- Programming (or reprogramming) EDACS radios

And, as further standards are introduced, you can be assured that M/A-COM will continue to provide the high level of security critical communications demand.

NOW: Even Greater Reliability

EDACS employs distributed architecture and intelligence for maximum fault-tolerance and network reliability. Since most system features are implemented at each site channel, not at a remote location, trunked communications continue with most features intact, even if networking equipment or links are lost due to natural or other disasters. To further enhance reliability on multisite systems, network switching is accomplished by the Integrated Multisite Controller (IMC), which has proven to be the most resilient and reliable network switch in the land mobile radio industry.

NOW: Enhanced Access to Data

As the first trunked platform to provide integrated voice and data on any channel, EDACS presently hosts tens of thousands of data users who enjoy the robust features that allow them to access data, file reports and monitor/control equipment with an over-the-air data rate of 9.6 kbps. On multisite networks, EDACS supports a data gateway to provide a direct, cost-efficient IP interface to the enterprise LAN or WAN.

NOW: More Flexibility and Choice

Wireless systems must be able to meet a number of challenges that tend to

change over time, including:

- Frequency availability
- Coverage requirements
- User density
- Evolving standards
- Newer technologies

EDACS has proven its ability to adapt incrementally to meet these and other challenges through the use of:

- Frequency availability from VHF through 900 MHz
- Choice of analog or digital voice
- Choice of single-site, multisite or simulcast configuration
- A network switch (the IMC) that easily links multiple systems together
- Connectivity to outside networks without dispatcher intervention
- Software programmable radios and other components

Now this flexibility is enhanced even further through a direct interface to the VIDA Network.

The Evolution Continues

In keeping with today's cost-conscious environments, EDACS has a demonstrated track record of graceful evolution and migration. System owners and users have experienced continuous evolution in features and technologies – from analog to digital to encrypted voice; from voice-only to integrated voice and data; and now to full network connectivity. Many of these enhancements have been implemented through cost-effective software upgrades, further increasing the system's return on investment as users gracefully migrate to the IP applications of tomorrow.

It's the Network that Makes the Difference

EDACS delivers:

- Even greater interoperability through the EDACS IP Gateway and NetworkFirst
- Trunked channel access
- Single-site/Multisite/Simulcast configuration
- Extended addressing for expanded user IDs
- EDACS Security Key for system security
- Over-the-air programming
- DES encryption with FIPS-140 certification
- P25 CAI in radios
- Integrated voice and data
- Full-featured network management
- C3 Maestro NT dispatch consoles

EDACS

EDACS is a trusted, high-performance trunked critical communications system for public safety, industrial, utility, transit, military and government applications. Contact your M/A-COM representative to learn more about EDACS and other VIDA Network systems and applications.

M/A-COM, INC.

1011 PAWTUCKET BOULEVARD
LOWELL, MASSACHUSETTS 01853 U.S.A.
PHONE: 1 800 528 7711
FAX: 1 800 833 7592
www.macom-wireless.com



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