Dispatch management is critical to maximizing railroad efficiency, ensuring safety, and managing crises. Traditional dispatch systems have focused on voice communications. Compunetix, a world leader in mission-critical voice console solutions, seeks to revolutionize the dispatch environment with the seamless integration of voice, video, imagery, and data. These technologies greatly enhance the dispatcher’s abilities and enable advanced capabilities such as in-cab video monitoring, drone control, remote control/inspection, and voice/video wayside communications. In addition to our full suite of COTS products, Compunetix also has a large engineering staff ready to develop custom solutions.

The Compunetix MVP (Mission Voice Platform) is a purpose-built, mission-critical communications system specifically designed for high reliability applications. The unique non-server-based architecture provides extremely low latency and high security. The MVP’s scalable architecture and native T1/IP interface enable it to grow and adapt to meet your present and future communication needs.

Reliability, Flexibility, Security

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- Command & Control
- In the Cab
- In the Yard
- On the Wayside
- Business Continuity
- Crisis Management
- Remote Control
- Observation

Real Time
TDM / VoIP / RoIP
Voice Conferencing
Video Conferencing
Streaming Video
Customizable Console
Who Is Compunetix?

Compunetix is a US-based high technology company and a leading developer of converged voice, video, and data collaboration and conferencing applications for service providers, government, and corporate enterprise markets. Since 1968 Compunetix has provided advanced communications solutions all over the world, building and maintaining a reputation for reliability, customer service, product quality, and technological excellence.

Capabilities

Compunetix is a vertically-integrated company with extensive design and manufacturing capabilities. All of our communications products are designed, built, tested, and serviced at our Monroeville, PA headquarters. Control over all stages of production, including in-house printed circuit board manufacturing, ensures consistently high quality end products. All manufacturing processes from initial development to final product assembly are governed by our ISO-9001 quality control system.

Rail Applications

- Regional Dispatch Centers
- Radio Towers
- Yards
- Terminals
- Depots
- Locomotives
- MOWs
- Testing/Diagnostics
- Drones
- Mobile Radios