Cisco End-to-End Connected Rail solutions transform industry

Cisco Systems is changing the way railways do business by implementing IP networks in stations, onboard trains and at trackside. Cisco will showcase their end-to-end networking and mobility capabilities and latest ITS and Connected Rail products and solutions at Railtex 2013.

Train manufacturer Bombardier relies on Cisco to build the future into transit railcars they produce for their customers as part of their “Connected Train” strategy. This new IP architecture enables dozens of new services.

Bombardier uses Cisco’s IE3000 and IE3010 Industrial Ethernet switches to create a replicable design for fast, resilient, highly scalable and ruggedized networks that are easily configurable. The IE3000/3010 switches help to enable Bombardier’s customers to provide passengers with video, voice, and wireless access services. The convergence of train system monitoring over the same network also reduces costs and cabling.

Other Cisco products to be highlighted at Railtex are their 819H Integrated Services Router, IP 67 Switch, Aironet 1552 Ruggedized Access Point (AP) and IE2000 industrial Ethernet Switch with power over Ethernet (PoE). Cisco’s outdoor surveillance cameras will also be displayed along with an interactive Station-As-A-Service demo.

The compact, IPv6 ready Cisco 819H ISR is fully integrated with Cisco IOS Software and delivers highly secure data, voice and video communications to mobile and stationary network nodes across wired and wireless links.

The 819H ISR and IE 2000/3000 Series Switches were specifically designed for harsh environments, and are ideal when space, dust, humidity, extreme temperatures, water, low power consumption, and the vibrations inherent in train transport are factors.

Stop by booth F104 to say hello and to learn more about Cisco’s Connected Rail solutions.

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