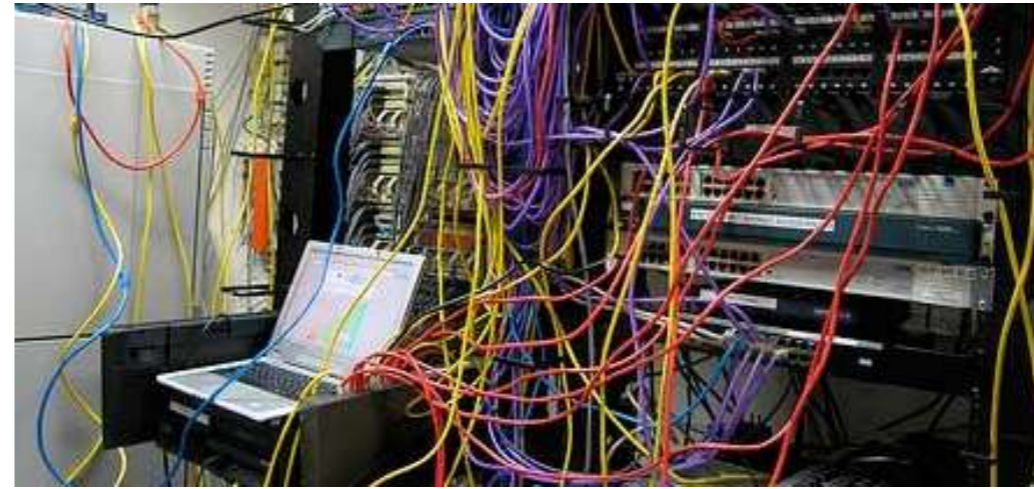


Converging Medical Device and Enterprise Networks

FDA Medical Device
Interoperability Workshop

January 25-27, 2010



How They're...







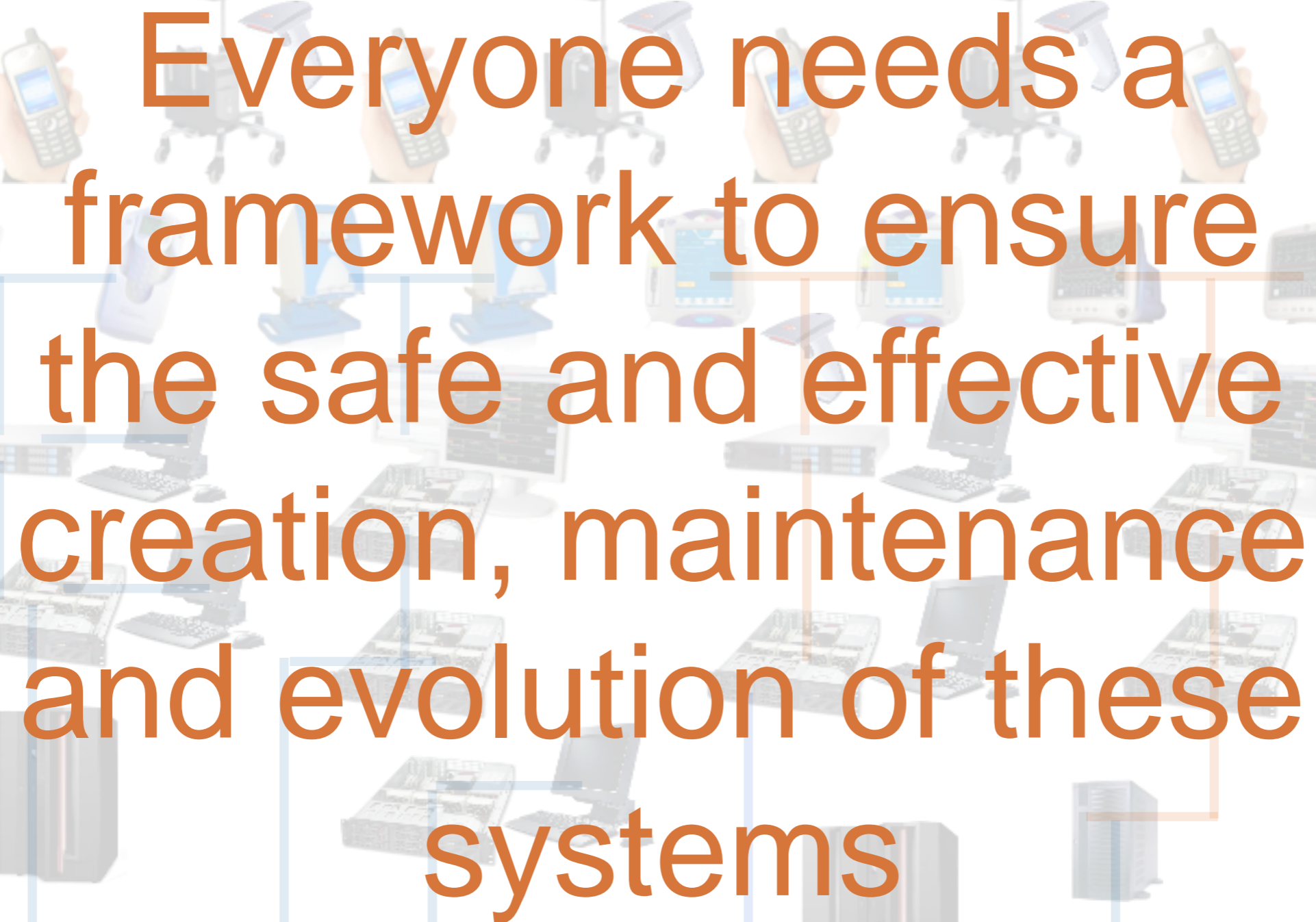
Vendors need
reduced variability in
hospital networking
requirements

A network diagram showing various devices connected by lines. The devices include laptops, mobile phones, desktop computers, servers, and network equipment. The connections are represented by blue and orange lines. The text "Vendors need a framework for assuring network coexistence" is overlaid on the diagram in a large, orange, sans-serif font.

Vendors need a
framework for
assuring network
coexistence



Vendors need a
framework for test
and certification
across network
infrastructure
manufacturers



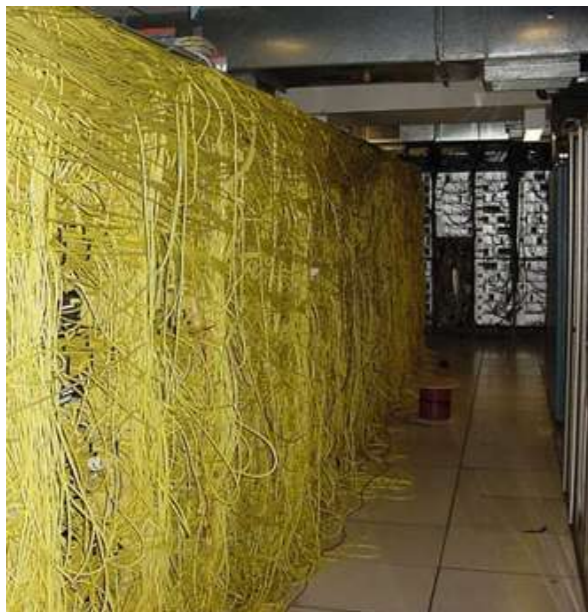
Everyone needs a
framework to ensure
the safe and effective
creation, maintenance
and evolution of these
systems

The Solution



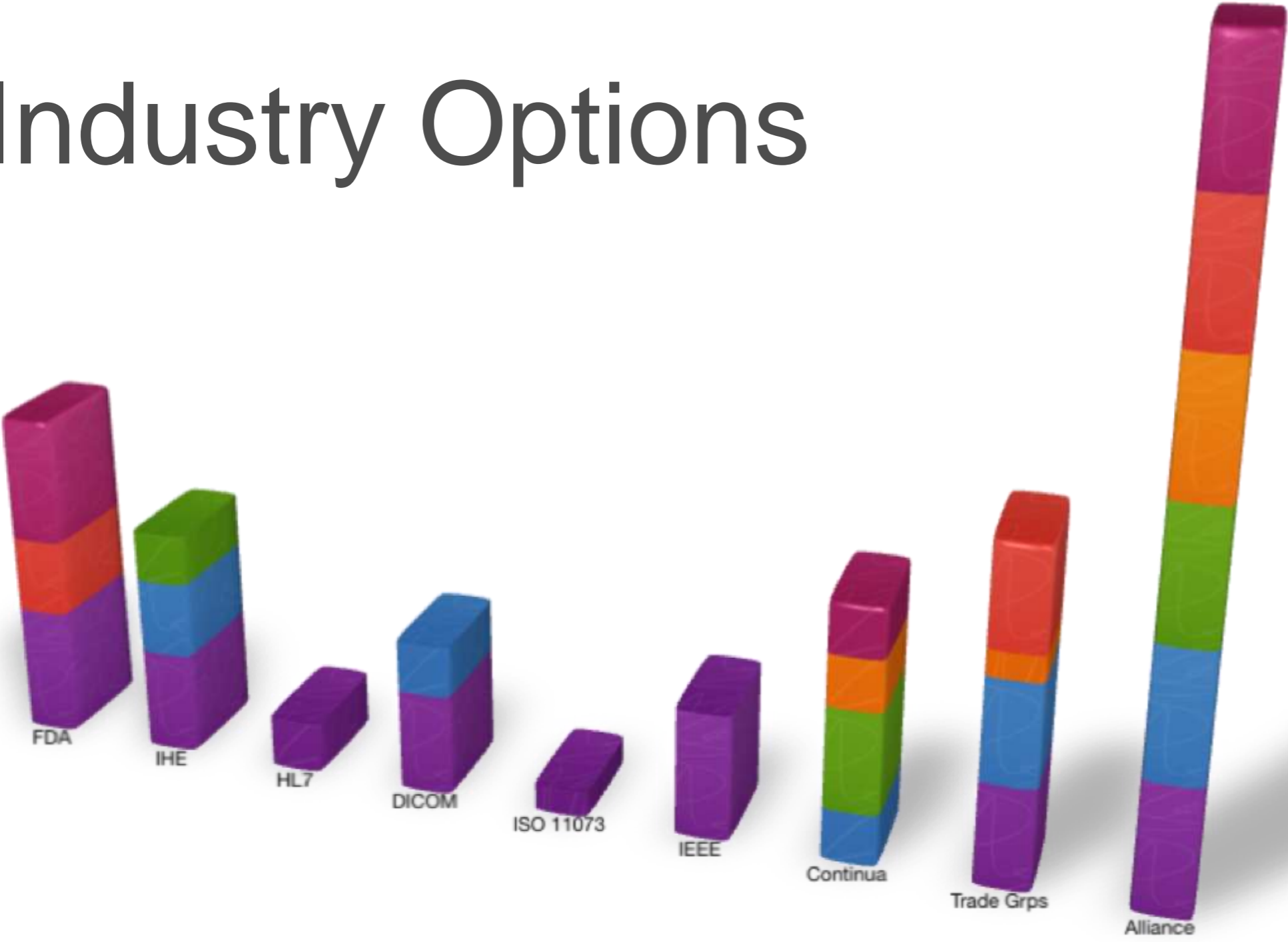
- ▶ Extend IEC 80001 to all essential best practices
- ▶ Common network design and configuration profiles
- ▶ Test and certify provider networks
- ▶ Test and certify networked medical devices
 - ▶ Medical device support for multiple WLAN vendors
 - ▶ Medical device system coexistence
- ▶ Framework for ongoing verification of networks and medical devices

The Solution

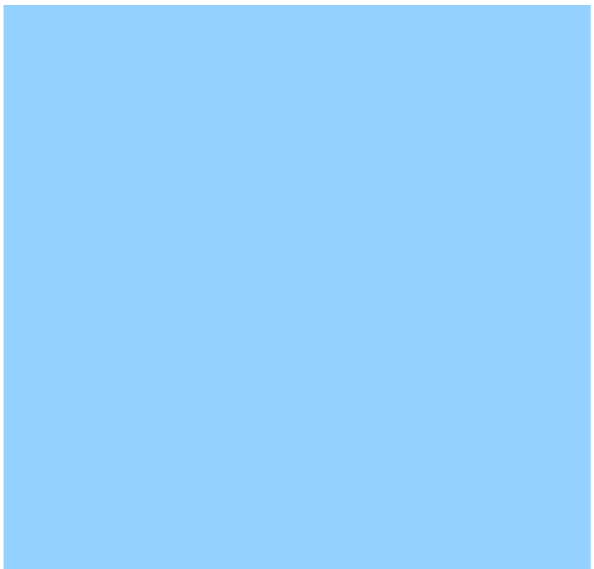
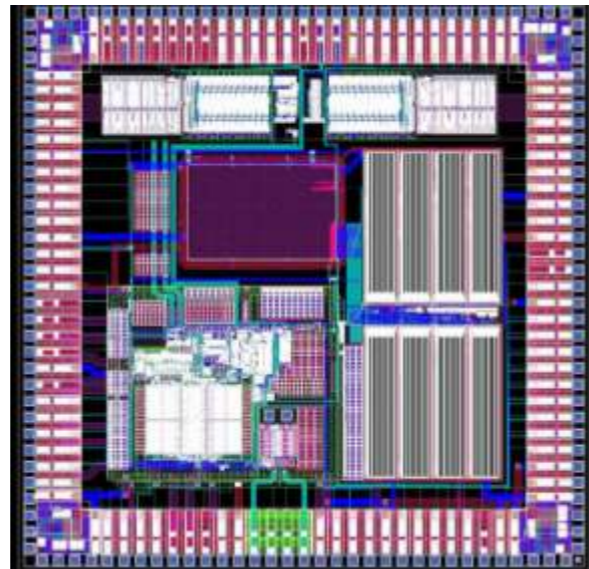
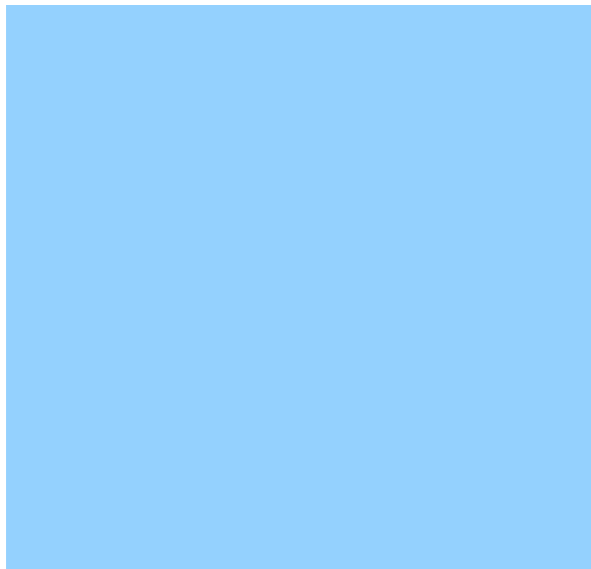
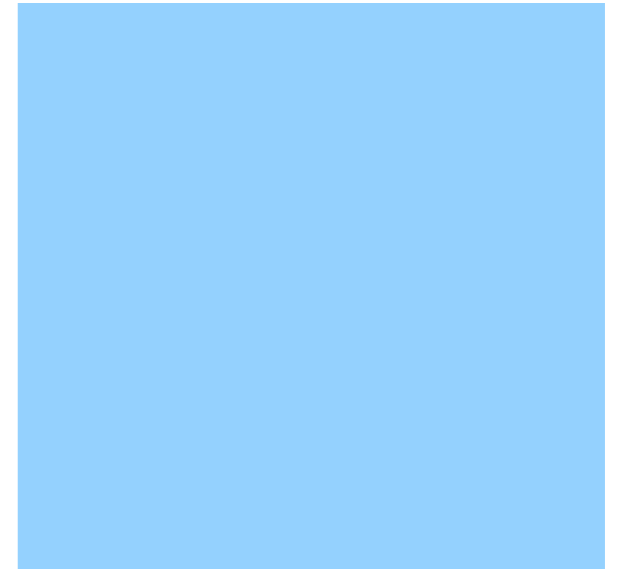


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Industry Options



Acute care/POC Network Profiles Vendor Test & Cert
Provider Test & Cert IEC 80001 QSR Compliant



Tim Gee
Medical
Connectivity
Consulting

Blog:
medicalconnectivity.com



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[Medical Device Networks Trouble Industry](#)

[Is ISO/IEEE 11072 a Viable Standard?](#)

[Secondary vs. Primary Alarm Notification](#)

[Patient Safety, Medical Devices, and Interoperability](#)

[Barcoding and Patient Context](#)

[Distributed Antenna Systems](#)

[Hospital Network Management](#)

[Network Management Improves for Medical Devices](#)