Embedded Wireless Solutions

Low power, high performance Embedded - EM series modules are targeted for Wi-Fi connectivity to embedded devices by reducing the complexity of development for the end user. These Embedded wireless modules comes as plug and play devices by integrating all the necessary wireless hardware and so ware into a small form factor module which can be driven by a simple microcontroller (host).

Solutions for Multiple Host Interfaces
• SDIO Radio Modules
• PCIe Radio Modules
• SPI/UART Radio Modules
• Intelligent modules

Box Product Solutions

If you have a device in your hospital that needs to be connected to the network, we have a solution for you!
• Ethernet to Wireless Bridges
• Serial Device servers
• USB device Servers
• Network Display Adapters
• Mesh Networking Systems

Learn more about our products at silextechnology.com

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TRUST.

Wireless Connectivity Solutions for Medical Device Manufacturers and Healthcare Facilities

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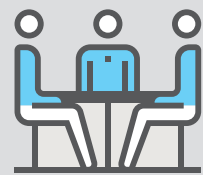www.silex-india.com
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When it **Absolutely Must** Connect

Wireless Expertise and Experience in the Medical Market

20 Years of Wi-Fi and Bluetooth experience we bring value to customers with a foundation of technical expertise.
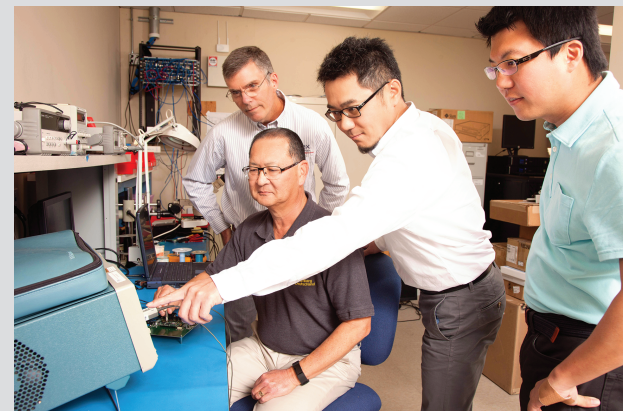
There is a definite expertise required for designing wireless devices, so even products based on the same standard reference design using the same chip set can have different performance characteristics.

Always-On Connectivity

Premier Quality
With our profound understanding of Wi-Fi and our own RF design know-how, we design our wireless modules to confirm to IEEE industry standards while maximizing peak performance levels within the legally allowed regulatory guideline.

State-of-the-Art Manufacturing
We are a one-stop shop with in-house manufacturing capabilities. With Silex Technology, you get a single vendor that provides hardware and software support from design through manufacturing.

Optimized Software
We go through a rigorous process to test, evaluate, fix and enhance our wireless drivers. We can help develop and port drivers to your custom platforms and offer enterprise-level security.

Dedicated Support

Engineering Support
Silex Technology is there every step of the way with our customers through initial engagements, successful launch and deployment in the market. Building on this foundation, we move to the next product or next technology engagement with the customer.

Long Product Life Cycle
It is normal for parts and components to go EOL (End of Life) that can cause products to go EOL as well. We work with our suppliers and customers to ensure that we can meet the customers longer life cycle demand in the medical sector.

Data Protection & Security

When dealing with healthcare and the IoMT (Internet of Medical Things), secure communication is vital.

Enterprise Security
Nearly all enterprise networks within the medical market expect support for the WPA-2 / WPA-3 Enterprise Security within the clients joining the network. Our wireless solutions offer enterprise-level security with support for the most common encryption and EAP authentication methods, have validated interoperability with enterprise access points, and also offer Cisco CCXv4 ASD support.

Cyber Secure
Medical devices, which are among the weakest assets in hospital networks, are also the most critical—they not only contain valuable patient data, they save lives. We believe that we have a responsibility to use our knowledge and expertise to protect the devices that protect our families, friends, and patients everywhere.

FIPS Certification
FIPS is an assurance backed by the full faith of the United States government that FIPS-validated security solutions defend your electronic information thoroughly within the context of how the solutions were designed and manufactured. Silex's FIPS 140-2 validated cryptographic modules are required by law for all US federal agencies that handle sensitive but unclassified information.

When it **Absolutely Must** Connect

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