



SEMTECH®

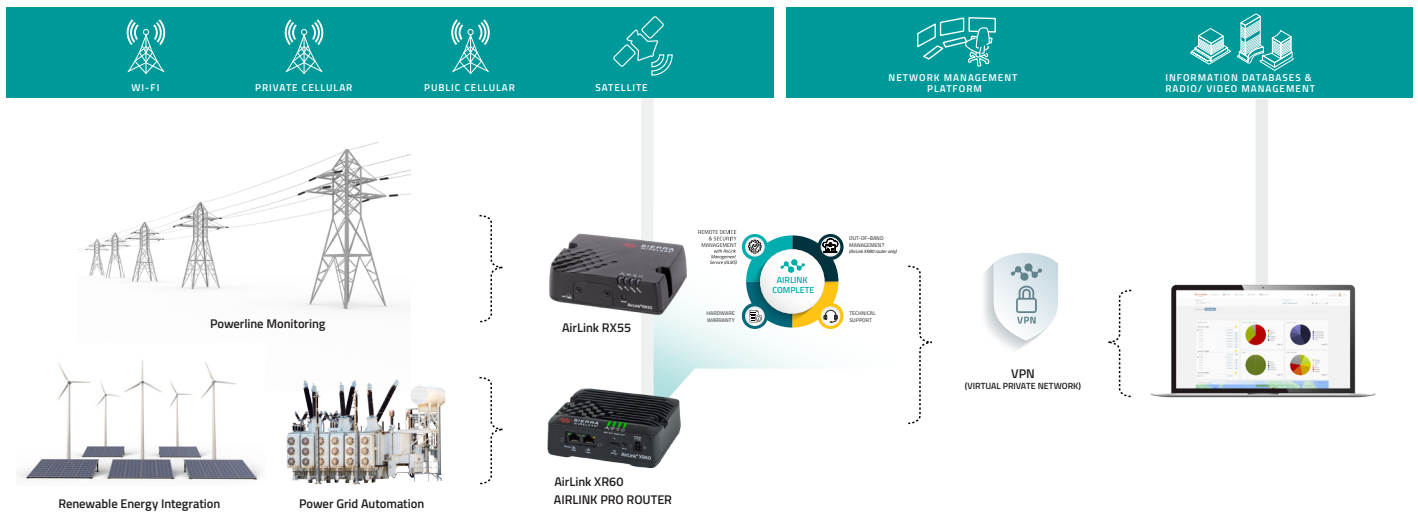
Increase Power Grid Efficiency and Safety, and Integration of Renewable Energy Resources

AirLink® Pro Router Solutions help organizations gain secure, real-time automation and decentralized power grid modernization

Real-time connectivity helps deliver the power grid of the future:

- 5G communication speeds improve renewable energy integration and power grid automation without having to run hard-wire cabling or fiber optics
- High-bandwidth, low latency connectivity delivers real-time automation
- Versatile solutions supporting both private and public cellular networks future proof grid deployments and ensure maximum reliability

AIRLINK® ROUTER SOLUTIONS



AirLink® Pro routers are purpose-built to meet the harsh environments, high security and extreme reliability needed by utility organizations. These highly ruggedized 5G and LTE routers create real-time grid monitoring and controls without the cost and inflexibility of hardwire controls.

- Certified as Class I Division 2, with die cast aluminum housing sealed to meet IP64 for resistance to dust and water ingress, AirLink Pro routers provide a truly ruggedized solution to connect your remote assets.
- High-performance 5G connectivity allows you to monitor and control critical functionality and react to overloads in real-time
- With Cloud or Hybrid Cloud management options, you can select the right level of control and scalability for your organization.

SOLUTION COMPONENTS



Ruggedized Routers



End-to-end Security



Remote Management



24/7 Technical Support

A Solution for Your Specific Needs

Mission-critical networking solutions are as diverse as the needs of utilities they serve. That's where AirLink Pro routers come in, offering tailored solutions to fit your unique requirements.

COMPACT ROUTERS

The AirLink RX55 is the world's most power-efficient rugged 4G LTE-A router*. With an ultra-low power consumption, compact design and single Ethernet / dual serial support, the RX55 is ideal to connect your remote operations running on solar power or batteries through public or private networks.

PERFORMANCE ROUTERS

The AirLink XR60 delivers high-performance 5G and Wi-Fi 6 connectivity for renewable energy feeder automation system and real-time control of grid functionality including reclosers and capacitor banks. Its small size and highly rugged designed allows it to be deployed in small enclosures and in harsh environments. With 5G, 4G, private and public cellular network support, it future proofs your deployment and ensures maximum reliability.

ULTIMATE ROUTERS

For the most demanding applications, the AirLink XR80 delivers ultimate 5G and Wi-Fi 6 performance and multi-network connectivity. With dual 5G option and up to 4 Ethernet, it is the ideal solution for utility applications requiring maximum reliability, performance and always-on connectivity.

See all [AirLink Pro routers](#) and find the ideal router for your specific needs.

INTELLIGENT AND SECURE MANAGEMENT

Beyond their robust build, AirLink Pro routers provide intelligent and secure management with remote and real-time monitoring and expert technical support.

- Manage thousands of devices as easily as one: deploy configuration changes, add new routers or update routing policies in just a few clicks.
- Gain valuable insights and manage your entire fleet of routers through a single platform with real-time data, dashboards and automated alerts.
- Optimize your deployment, management and troubleshooting costs with remote management and expert technical support
- Add an extra layer of security by requiring on-premise authorization of all cloud-triggered operations and by isolating your operational network from the management network with the Hybrid Cloud option.

Learn More: [AirLink Services](#)

You can count on Semtech

FIELD-PROVEN PERFORMANCE

With more than 30 years of cellular experience, Semtech is a trusted provider of utility solutions and currently serves hundreds of organizations globally. We understand the challenges utilities face in the field.

PURPOSE-BUILT FOR UTILITIES AND OUTDOOR ENVIRONMENTS

Unlike desktop routers built for office use, AirLink Pro routers are purpose-built and tested against rigorous military and industry standards (MIL-STD 810 / IP64) to survive in extreme environments.

TRUSTED PARTNER

All our solutions come with comprehensive services to ensure your devices operate securely and at peak performance. We support our customers with 24/7 technical support, always-on remote management, unrestricted access to firmware and security updates and hardware warranty with AirLink service subscriptions.

Contact Us To Learn More

Find out more, visit: <https://www.sierrawireless.com/router-solutions/#solutions> or email sales@sierrawireless.com for more information.

About Semtech

Semtech Corporation (Nasdaq: SMTC) is a high-performance semiconductor, IoT systems and cloud connectivity service provider dedicated to delivering high-quality technology solutions that enable a smarter, more connected and sustainable planet. Our global teams are committed to empowering solution architects and application developers to develop breakthrough products for the infrastructure, industrial and consumer markets.

To learn more about Semtech technology, visit us at [Semtech.com](https://www.semtech.com) or follow us on [LinkedIn](#) or [X](#).