ABOUT CAMBIUM NETWORKS

Cambium Networks is a leading global wireless communications technology provider that connects the unconnected with an extensive portfolio of reliable, scalable, and secure narrowband, WiFi, and broadband point-to-point (PTP) and point-to-multipoint (PMP) platforms managed by cloud-based software. Cambium Networks solutions enable enterprises, oil, gas, and utility companies; Internet service providers; and public safety organizations to build powerful communications networks that surpass distance and geographic obstacles to reach users from across mountain tops to the last meter. Cambium Networks empowers network operators to intelligently manage their infrastructure through end-to-end network visibility and actionable analytics. Headquartered outside Chicago and with R&D centers in the U.S., Ashburton, U.K., and Bangalore, India, Cambium Networks sells through a range of trusted global distributors. For more information, visit:

www.cambiumnetworks.com
www.connectingtheunconnected.org

High-Resiliency IIoT Wireless Communications
BRINGING THE PROMISE OF A CONNECTED WORLD TO LIFE.
Communications infrastructure is the key to enabling IIoT. Rapidly deployable wireless architecture can cover ranges up to 245 kilometers with end-to-end connectivity for cloud-based applications. Our experience across multiple markets ensures that each solution interoperates with field equipment and operations systems to deliver results that transform your business.

The Industrial Internet of Things (IIoT) promise is delivery of real-time monitoring, measurement, and analytics that optimize performance while establishing sustainable competitive advantage. IIoT’s true potential will be realized by the transformation of accumulated real-time data into insightful knowledge and critical actions, which demands highly reliable underlying communications infrastructure and resilient systems that interconnect sensors and controls across large-scale field area networks.

Without end-to-end communications, valuable data is stranded, isolated by even short distances. Cambium Networks’ proven wireless solutions can surpass the limitations of fiber or wired systems, providing connectivity from the field sensor to the operation center - in an affordable, ruggedized, sustainable platform that offers rapid deployment, reliability, and security - with an attractive return on investment compared with wired or fiber alternatives.

Smart Metering, substation switch and circuit control, SCADA telemetry, remote office connectivity, video surveillance, and asset tracking are all vital wireless connectivity functions that can be consolidated into one cost-effective IP network. Wireless solutions are optimal for mission critical applications because fiber isn’t everywhere, and 3G/4G data services offer fewer essential features at a higher cost.

Communications are the foundation of IIoT. They enable real-time monitoring and analytics. Without reliable, cost-effective wireless communications, the IIoT promise cannot be realized.

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LEVERAGE IP COMMUNICATIONS FOR MULTIPLE APPLICATIONS
Cambium Networks is experienced in implementing business critical connectivity solutions for industrial applications including:

- FIELD AREA NETWORKS (FAN) APPLICATIONS
- NARROWBAND CONNECTIVITY FOR METERS AND SENSORS
- REMOTE OFFICE CONNECTIVITY
- SMART METER AGGREGATION BACKHAUL
- WIFI COVERAGE IN SUBSTATIONS AND OPERATION CENTERS
- SUBSTATION AND DISTRIBUTION SCADA DATA
- VIDEO SURVEILLANCE
- REMOTE ACCESS CONTROL
- FAULT LOCATION, ISOLATION, AND SERVICE RESTORATION (FLISR)
- ANALOG CIRCUIT REPLACEMENT