



Smart Technology. Delivered.™

Energy Antenna Solutions

Laird antenna solutions help you firm meet and exceed the wireless connectivity challenges in the energy industry.





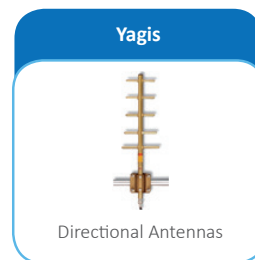
Laird In Your Industry

Energy, a crucial industry for global economic growth, has shown a wide range of innovation incorporating automated processes lowering costs and improving the accuracy and effectiveness of data collection and two-way communication between customers and operators using wireless connectivity. Laird provides best-in-class antenna solutions that enable the wireless connectivity needed for data transmission over operator networks, WLAN and backhaul for applications such as Smart Grid, oil & gas transport, remote control & monitoring and Automatic Meter reading (AMR) among others.

Energy Antenna Solutions

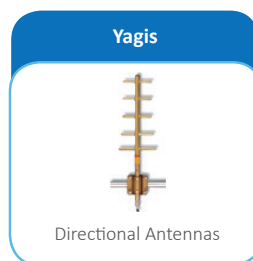
Smart Grid

Power utilities worldwide have been working to change the way data is transmitted to and collected from consumers through several communication networks to improve the efficiency, reliability, economics, and sustainability of the production and distribution of energy. The goal is to facilitate two-way communications between utilities and consumers. At Laird we offer you antenna solutions that enable the wireless connectivity that allows data transmission over operator network, WLAN and backhaul to facilitate the two-way communication between utilities and consumers.



Oil & Gas Transport

To accomplish high levels of operation efficiency, oil and gas transport and distribution networks must provide extremely high levels of consistency and safety. Operators need a reliable, real-time view of the entire pipeline. At Laird we understand your business and we offer you an extensive antenna portfolio that enables the wireless connectivity needed to have real-time access to oil and gas measurements, achieve tight operational control across the network, be able to balance capacity with agility and precision and maintain a clear record of all events, for both tracking and development.

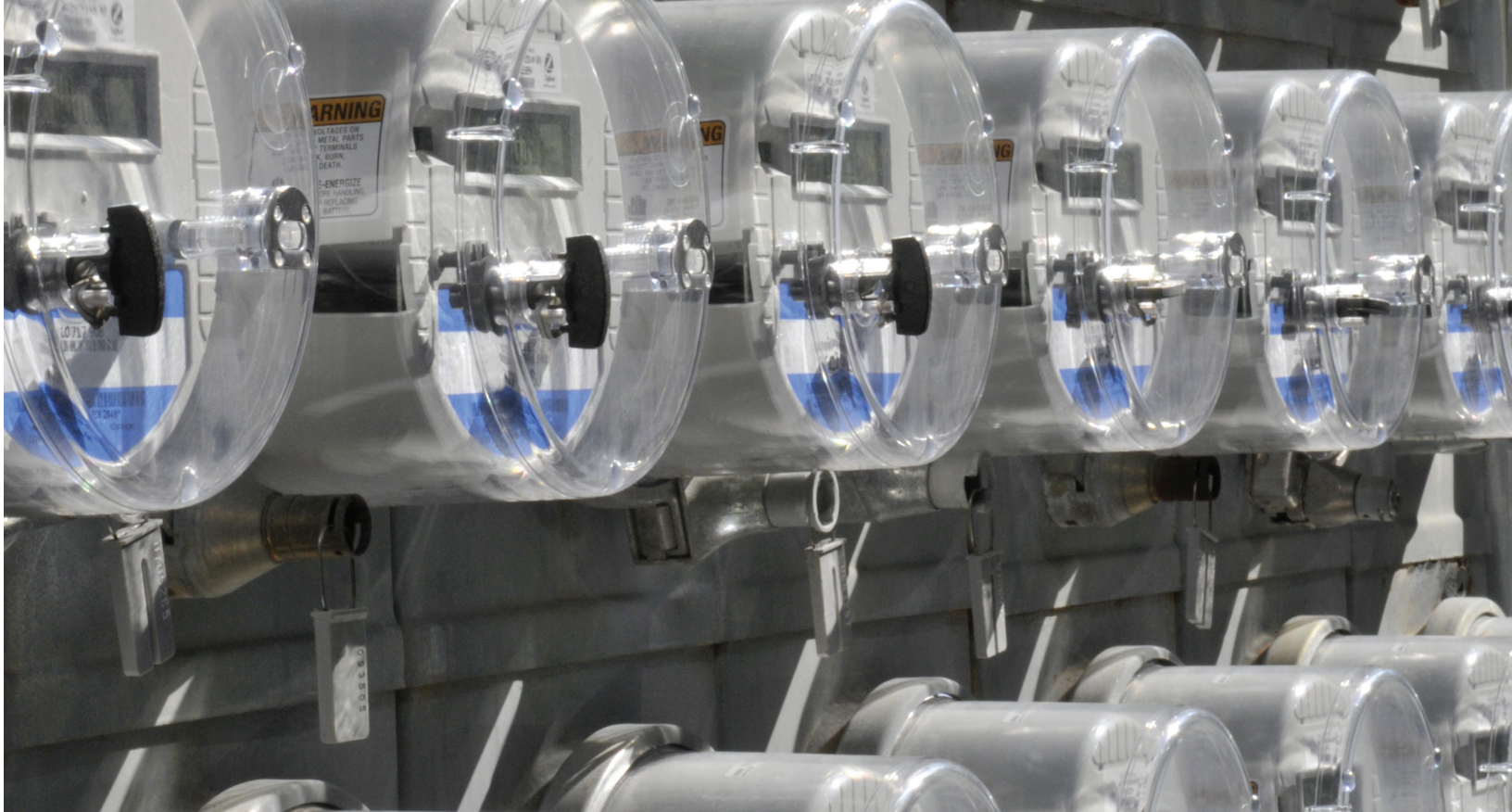


Control & Monitoring

Energy remote control and monitoring involves a series of functions that require data transmission from drilling platforms, pump control systems, storage facilities and pipeline monitoring. Flow measurement, leak detection, alarm reporting, pump speed control, valve position control, pressure reducing station monitoring, automatic and daily flow reports, among others are typical functions key to an efficient process of remote control and monitoring. At Laird we offer a complete portfolio of antenna solutions that enables the wireless connectivity required for data transmission over operator network or WLAN to assure the efficiency and accuracy of the remote control and monitoring process.

<p>HCR Series</p>  <p>SISO External Antenna with Anti-Theft</p>	<p>LPS Series</p>  <p>SISO Indoor/Outdoor IP67 Disc Puck</p>	<p>Discadoo</p>  <p>SISO Indoor/Outdoor IP67 Disc Puck</p>
<p>Phantoms</p>  <p>With/Without Ground Plane Requirements</p>	<p>Dipole/Rubber Ducks</p>  <p>External Omnidirectional Antenna</p>	





Automatic Meter Reading (AMR)

Automatically collecting consumption, diagnostic, and status data from water/energy meters is key in today's world where automation processes are very important for efficiency and accuracy. Transferring this data to a central database for billing, troubleshooting, and analyzing allows better control of the usage and/or production of electric energy, gas, and water consumption. Laird provides you with performance engineered antenna solutions that enables wireless connectivity needed for data transmission over Operator (WWAN)/ WLAN networks.

Embedded custom solutions:

Embedded

PWB/Flex-Film Solutions:



Nano, REVIPRO/REVIPRIME

HCR Series



SISO External Antenna with Anti-Theft

Dipoles



External Omnidirectional Antenna

Phantoms



With/Without Ground Plane Requirements

What Sets Us Apart

MISSION

A trusted partner delivering technology to the world through innovation, speed, & reliable fulfillment.

VISION

A world where smart technology enables virtually everything to sense, think and communicate; transforming our way of life and empowering us to do more than we can imagine

CULTURE

Working as a global team of talented individuals to make a difference for our employees, business partners and our world

We have an unwavering commitment to being honest and ethical in all situations and treating each other with dignity and respect.

We create an open and engaging environment that thrives on high energy, adaptability and delivering on our commitments.

Laird is a place with great opportunities for personal and professional growth for those who work hard, are willing to learn and deliver results.

29
engineering and manufacturing sites globally

18
customer/market awards in 2013-14

10Bn
parts supplied to one client

115+
year heritage

9,000 employees in **50** locations covering **5** continents and **19** countries across the globe

DESIGN

RAPID PROTOTYPING

PRODUCTION

SCALE

SOFTWARE

SYSTEM INTEGRATION

SERVICE

Why Choose Laird?

Laird antenna solutions help you firm meet and exceed the wireless connectivity challenges in the energy industry. Enhancing the two-way communication experience between the consumer and the operator, improving accuracy and efficiency of automated process and remote monitoring and control.

Laird provides systems, components and solutions that protect electronics from electromagnetic interference and heat, and that enable connectivity in mission critical systems through wireless applications and antenna systems.

We are a leader in the design, development and delivery of innovative technologies that enable people, organizations and applications to connect efficiently and effectively. With a proud history stretching back to 1824, Laird has been at the forefront of technological innovation for almost two centuries. And we continue to deliver.

Our reputation has been built on three guiding principles:

- Innovation- putting our in-depth knowledge of the latest materials and processes to work in creating outstanding products for our customers.
- Reliable fulfillment – delivering what our customers need to their exact specifications, on time and on budget, and in the quantities required.
- Speed- rationalizing the design and delivery cycle to minimize the time from initial concept to final implementation.





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www.lairdtech.com

Americas: +1.847.839.6907

Europe: +44.1628.858941

Asia: +86.21.5855.0827.127



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