Landis+Gyr

Gridstream® Connect

—

The Most Flexible, Future-ready Utility IoT Platform

Landis+Gyr's Gridstream Connect IoT platform responds to today's communications challenges and leverages network intelligence to drive future innovation and growth for your business.

01

The Future of Utility Networks

With the advancement of distributed energy resources and the constant pressure for utilities to provide safe and reliable service at an affordable price, the role of AMI and Smart Grid solutions in utilities is rapidly transforming. New business challenges have emerged, requiring a future-ready network solution secure, flexible, and scalable enough to meet each utility's needs.

> In an era of rapid change, one thing remains constant for utilities: the need to reduce risk and enhance reliability.

THE PERFECT STORM FACING UTILITIES TODAY

Our industry is rapidly changing, presenting new challenges to utilities, including:

- Evolving business models requiring new opportunities for revenue growth
- Increased pressure on aging grid infrastructure from distributed energy resources, solar, weather events, and more
- Higher-than-ever customer service and engagement expectations
- Policy shifts resulting in more complex billing, increased security, and new compliance demands
- Efficient and reliable delivery of resources

Gridstream Connect is the only utility IoT networking solution designed to address these issues and to prepare for future business needs. Gridstream Connect is backed by more than 25 years of proven interoperability experience and one of the industry's largest partner ecosystems.

02

Gridstream Connect Benefits

Gridstream Connect is a single network that supports a diverse ecosystem of sensors, from many different vendors, supporting multiple communications technologies. The deployment, operational, and strategic benefits of Gridstream Connect include:

OPEN & SECURE

Seamlessly and securely integrate new devices with an increasingly connected world. Open limitless potential for new value with application development.

FLEXIBLE FOR AN EVER-CHANGING FUTURE

Implement cutting-edge technology today with the flexibility to augment in the future. Create the solution that's right for your specific business.

EXTENDS THE VALUE OF YOUR ASSETS

Optimize existing assets by integrating any device, from any manufacturer, with support for multiple communications technologies.

RICH ECOSYSTEM FOR GROWTH

Explore new avenues of efficiency and growth through innovation.

03

How Gridstream Connect Works

STANDARDS-BASED INTEROPERABILITY

Seamless integration for a diverse ecosystem of sensors

Landis+Gyr's Gridstream Connect provides proven interoperability, allowing seamless integration of new and existing devices into a single network. Over our 125 year history, we've developed strong partnerships across the industry. Gridstream Connect leverages these partnerships to better serve each utility's needs.

- 60+ integrated device types from over 20 suppliers
- Wi-SUN leaders
- Support for a broad ecosystem of devices including water, gas, electric, home energy management, smart cities, DER integration, and more

FLEXIBLE COMMUNICATIONS

Communicate with every mile of your territory

Gridstream Connect allows multiple communications technologies to come together on a single network solution, providing the flexibility to choose the solution that best suits the business need.

- Support for Mesh IP, Wi-Fi, and Cellular with the ability to integrate new communications technologies as they become relevant
- Make the most of investments while driving efficiency and adding value

APPLICATION DEVELOPMENT

Harness data for limitless growth potential

Landis+Gyr's Gridstream Connect provides a fully integrated and open application ecosystem that enables the creation of secure, custom solutions tailored to your unique objectives.

- Edge intelligence and processing to support decision making at the most efficient point in the network
- 25 years of experience developing edge computing apps
- App Marketplace and app development program to foster innovation and creativity

04

The Layered Intelligence Approach:
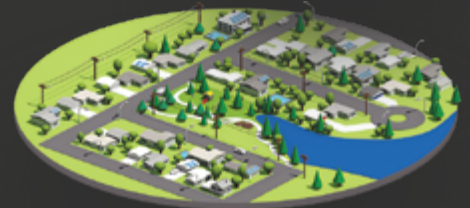## Actionable Intelligence When and Where You Need It

There are currently two distinct approaches to managing intelligence, one that prioritizes centralized intelligence and one that relies solely on edge intelligence. Only Landis+Gyr's Connected Platform enables a third and better way—an approach that combines the best of edge and centralized approaches, while avoiding the pitfalls of each.

Informed by decades of communications and metering experience, Landis+Gyr's Layered Intelligence enables smart devices to provide real-time decision-making at every level of the grid system, from the central system to the grid edge.

At the grid edge, individual devices autonomously monitor and manage changing load conditions and power flows to improve efficiency, safety, and customer service.

In the community, peer-to-peer communication between intelligent devices improves your reliability by enabling rapid response to changing local conditions.

And at the system level, get unprecedented real-time information and management options for more efficient operation.

Intelligent Energy, Delivered.

To learn more about partnering with Landis+Gyr or Gridstream Connect, visit **landisgyr.com,** email us at **marketingAM@landisgyr.com,** or call us at **888-390-5733**.