



MDUS Software – SAP® for Utilities Adapter

Plug-in to better energy management

Landis+Gyr's MDUS (Meter Data Unification and Synchronisation) Software is a unique solution that enables end-to-end-business processes by connecting smart metering landscapes to SAP® for Utilities. MDUS integrates the utility's Advanced Metering Infrastructure with daily processes like billing, contract management, and customer service, allowing them to get the most out of their smart metering investment.

Landis+Gyr is the premier smart metering solution provider. Together with SAP, we have developed a solution that acts as the bridge between smart metering and the SAP for Utilities systems. The result, MDUS, integrates the systems and combines the expertise and experience of the world leaders in smart metering technology and business software.

Optimizing Business Processes

MDUS provides a platform for smart metering functionality in the SAP system, as well as a data repository for all smart metering data. With its bi-directional gateway from SAP for Utilities to a single smart metering platform and back, MDUS delivers smart metering benefits in daily business processes.

The End of Complexity

MDUS integration with SAP for Utilities means you can utilize a single system for managing smart metering operations. The initial phase of a smart metering project is easier, too, because with MDUS the work is already done, and expensive and time-consuming integrations are a thing of the past. As all the smart metering data is stored in one place, data duplication challenges cease to be an issue.

Ready for Progress

MDUS technology is developed based on the expertise of industry leaders and according to the highest quality standards, and is an SAP Qualified Business Solution. The system is built on Landis+Gyr's Gridstream Connect platform that has proven its reliability and scalability in high-volume smart metering operations.

The software architecture follows industry standard IEC 61968-9, so it can be used for fast integration of any HES using the same standard. Vendor independence allows flexible expansion of device infrastructure and minimizes the risks and costs of smart metering investments. The open architecture of Gridstream MDUS enables the addition of new MDM and smart grid applications as utility needs and technologies continue to evolve.

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Features

- MDUS is an SAP Qualified Business Solution
- Built on a platform that has proven its reliability and scalability in high-volume smart metering operations
- Supports 50+ Service Operations (including Bulk Service Operations)
- Supports 35+ key use cases

Benefits

- End-to-end business processes
- Single point of entry
- Single data repository for all metering data
- Secure investment
- Meets the highest quality standards
- Flexible head-end system selection via standard interfacing

Delivering Peace of Mind

Plugging into the highest level of energy efficiency has never been easier. We have translated our unique expertise with utility processes into an integrated energy management solution. With MDUS, this translates into fully automated common tasks, which frees up your time from daily routines. The advanced dashboard provides you with accurate information on the AMI network and data acquisition, as well as advanced tools for troubleshooting.

Let's build a brighter future together.

Landis+Gyr is a leading global provider of integrated energy management solutions. We measure and analyze energy utilization to generate empowering analytics for smart grid and infrastructure management, enabling utilities and consumers to reduce energy consumption. Our innovative and proven portfolio of software, services and intelligent sensor technology is a key driver to decarbonize the grid. Having enabled 9 million tons of CO₂ savings in FY 2024 through our product offerings, Landis+Gyr manages energy better – since 1896. With sales of USD 1.7 billion in FY 2024, Landis+Gyr employs around 6,300 talented people across five continents. For more information, please visit our website www.landisgyr.com.