

CONNEXO MULTISENSE

Sensing every part of an evolving grid



Honeywell

INTRODUCTION

Utilities need to provide their customers with any energy they demand while keeping the supply reliable, cost-effective and profitable. They use a meter data collection system to capture data across a communication network and to provide this data to operational systems in order to extract valuable information and insight.

How do you make sure you pick a solution that is future-proof when the market is continuously evolving, standards are not commonly agreed upon or still in development. How do you make sure you can read different type of devices from multiple vendors and ensure compatibility with new type of devices?

Today, the selection and implementation of a meter data collection system should be done with the goal of having this system for the long run, avoiding being stuck with a wrong or immovable system in the future when requirements change, forcing you to pick a new system again.



HOW CAN CONNEXO[®] MULTISENSE HELP?

Connexo MultiSense is an open, scalable and flexible data collection system that cost-effectively unifies data from many vendors across multiple communication types highly automated, resulting in increased operator efficiency.

FUTURE-PROOF TECHNOLOGY

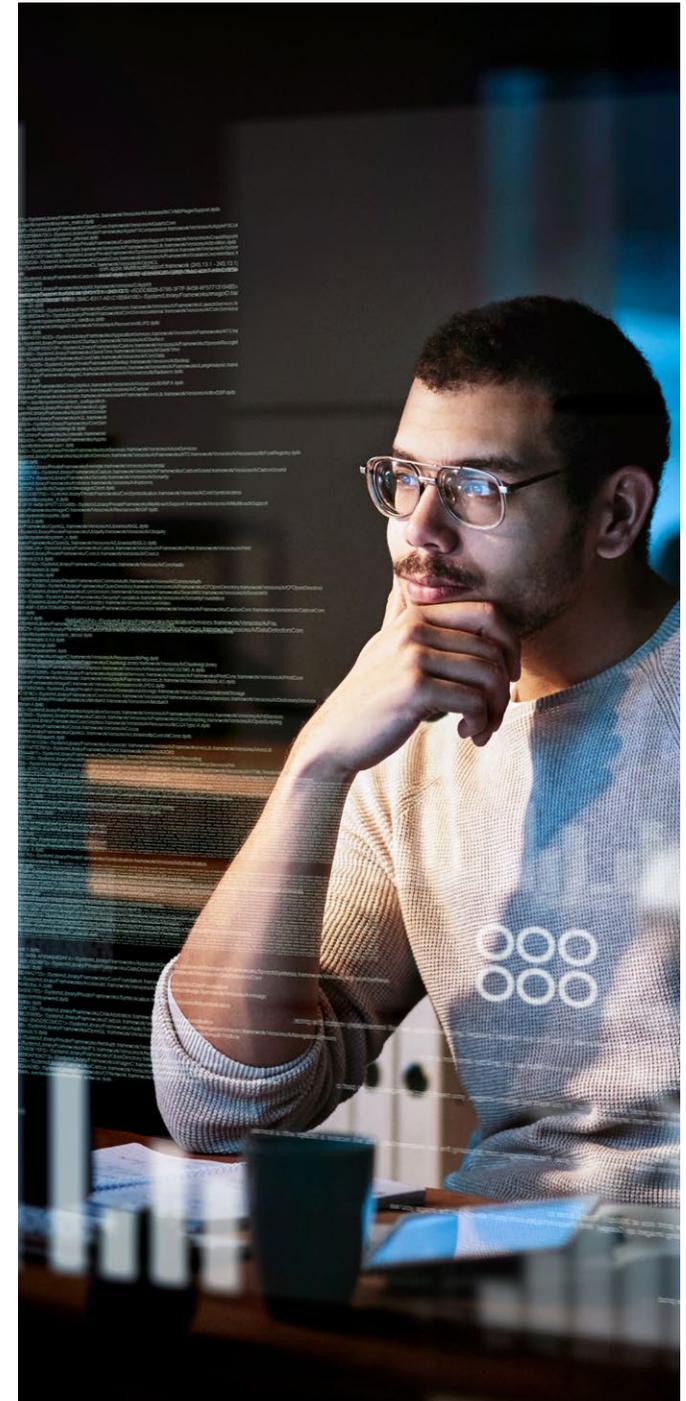
MultiSense is based on the latest proven technologies. A robust database sits at the core of MultiSense and takes care of optimal performance and redundancy. MultiSense is based on a modular OSGI platform to ensure future and flexible adaptability. The user interface (UI) is built according to human centric design principles, making it easy to use and focused to operator tasks. The UI is fully web-based, using the latest web technologies like HTML 5 and CSS 3 to ensure a modern look and feel that can run cross-platform.

MultiSense is not only compliant with CIM but also with SAP MDUS[®], as well as other standards in the domain of data protection, auditing processes and security.

INCREMENTAL INVESTMENT

If you are looking for a collection solution that grows with your business and minimises high up-front deployment costs, MultiSense is the answer.

Adapt easily and quickly to technology and business changes: go from basic to full blown meter data collection system or extend MultiSense with Connexo Insight, Honeywell's scalable meter data management (MDM) system or one of the other applications from Honeywell or our partners with minimal effort and in a cost-effective way.



READY FOR TOMORROW

MultiSense is a multi-vendor data collection system which supports both residential, commercial and industrial use cases.

Whether we talk about data from traditional devices such as gas, water and electricity meters, or electrical vehicles, smart street lighting, solar panels, wind mills, or other future devices, MultiSense can capture and process all of this information and make it available to other systems.

BEYOND COLLECTION

MultiSense goes beyond data collection: it provides built-in device asset management and device lifecycle management functionality.

MultiSense also provides insight in the network in between, enabling a clear view on network topology and status for troubleshooting.



SMARTER OPERATIONS

MultiSense has been designed with meter operators in mind. It makes their job as easy and intuitive as possible by guiding them to focus on the most important issues, supporting the operator through exception based issue management, embedded automation and a unique user experience.

MultiSense is designed to be effective from small to large scale projects. It can be easily operated with a single operator or scale to a team of operators using built-in collaboration, manual or automated tasks. The system scales well with larger data volumes. Through

embedded automation and rule-based intelligence, it is capable of supporting the operator from labour intensive tasks and prioritizing the issues that matter.

Stay on top of what is happening as MultiSense allows you to focus on critical issues by informing you immediately as they arise, while solving minor issues automatically in the background. MultiSense provides immediate operational insight through key performance indicators, helps you in analysing issues and supports you in making decisions, so you can focus on servicing your customers.

Multi-vendor, multi-utility, multi-technology: MultiSense enables operators to manage any type of device from any vendor in a unified way, abstracting the complexity of different device protocols and communication standards.



SECURE INVESTMENT

With 20+ years' experience in meter data collection, we understand your business. Our knowledge and experience has been taken into account when evolving our applications into what has become MultiSense today. The application has been built from an operational context with end-to-end metering know-how.

What makes us unique is that we offer an extended protocol base of 200+ devices in order to support your current meter base. And if there is a device we do not support yet, no problem we will support it as soon as you need it.

EASY INTEGRATION

Due to an open architecture, out-of-the-box interfaces and an API with a rich set of standard web services, we can ensure easier integration with other utility applications such as billing systems, other meter data management systems, workforce management systems and more.

Other applications are seamlessly integrated and unified into a single platform while providing one-click access, resulting in a unique user experience.



CONNEXO MULTISENSE IN A NUTSHELL



FLEXIBLE DATA COLLECTION

- Support residential, commercial and industrial use cases in a single system.
- Capture data from multi-vendor gas, water and electricity meters.
- Collect data beyond meters like solar panels, wind mills, electrical vehicles...



SMARTER OPERATIONS

- Unify your operations, across devices and applications.
- Run your operations smoother through embedded automation and rule-based decision making.
- Focus on the most critical issues with exception based issue management.
- Enjoy a unique user experience, designed with operators in mind.



EASY INTEGRATION, AGILE EVOLUTION

- Easily integrate the solution into existing processes thanks to its open and standard-based platform.
- Invest incrementally; evolve from a basic to a full blown MDC system.
- Grow the system with your business needs: extend your MDC, with MDM or other utility applications.
- Remain compliant with standards such as CIM and SAP MDUS®.
- Trust in 20+ years' experience, 200+ devices supported out of the box.



SAFEGUARDS YOUR BUSINESS

- Realises the highest security, with off-the-shelf key and certificate processes.
- Fulfils security requirements in accordance with e.g. DLMS/COSEM (all suites).
- Supports HSM and PKI deployments, based on reliable and proven technology.
- Extendable with Honeywell's Cyber offering for even more visibility, compliance and control.



**WOULD YOU LIKE TO KNOW MORE
ABOUT CONNEXO MULTISENSE?
CONTACT US FOR MORE INFORMATION
OR TO REQUEST A DEMO.**

For More Information

<https://pmt.honeywell.com/us/en/businesses/smart-energy>

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BR-21-05-ENG | 03/21
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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

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