

Sense's real-time intelligence to run on EDM's next generation smart meters and accelerate the energy transition across APAC and EMEA

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June 15, 2023 - [Sense](#) and [EDM](#) are collaborating to deliver next generation smart meters that will help accelerate the energy transition, engage customers and materially reduce the costs of running the energy system.

Sense's real time home intelligence software, running on EDM meters, will bring intelligence to the grid edge. These will be the first smart meters in the APAC and EMEA regions capable of sampling data at one million times a second (1MHz). With this unprecedented resolution, new and enhanced propositions are made possible: grid faults can be identified and localised with greater finesse; devices can be detected with superior precision; and utilities can further expand margins.

The combination of higher resolution and real time intelligence at the grid edge will unlock substantive new opportunities for Sense and EDM customers. Retailers will be able to offer engaging new services and energy insights to their customers, access domestic flexibility at scale, optimise power management across the home, and improve their power purchasing with detailed forecasting. Networks will benefit with real time grid edge insight (e.g. power quality) and the ability to identify and locate problems on the grid such as vegetation brush and corrosion. Most importantly, consumers will benefit from an engaging real-time application. They will be able to determine how much energy individual appliances consume in real time, save money on their bills and reduce their carbon footprint.

"EDM's focus on partnerships in this region has been the cornerstone of our success," said Brett Reid, Executive Director – EDM ANZ. "It is through partnerships like these that EDM will be best placed to provide significant support to those using our solutions to address the challenges and opportunities faced as the move towards carbon net zero gathers momentum" he said.

Together, Sense-enabled EDM smart meters will significantly reduce the cost of managing the energy system and delivering the energy transition.

Largest meter supplier to Australia

With a rich history as a pioneer in its field, EDM is the largest meter supplier in Australia and a leading provider in the Asia Pacific region, EMEA and the UK. EDM has deployed over 30 million smart devices across more than 100 countries.

"By incorporating the advanced technology solutions developed by Sense, EDM continues to build on its reputation as a provider of reliable but innovative solutions." says Dene Bannister, EDM's ANZ Regional Head of Sales and Customer Experience. "Sense's leading machine learning software for smart meters promises to unlock new capabilities for our customers."

Making homes more flexible and energy efficient

"Sense software is the most cost-effective investment that can be made in the energy transition." says Michael Jary, Sense's Managing Director across APAC & EMEA. "For instance, using real-time device detection, Sense can detect the highest consuming appliances in the home, and help consumers turn down specific devices during peak demand. 18% reductions in load are possible - almost three times greater than previous best in class. For Australia, implementing Sense on smart meters would be the equivalent of adding 2.4 GW to peak capacity – that's as much as three coal power stations. We're delighted to be partnering with EDM, one of the leading smart meter manufacturers in the world, to bring this technology to more homes."

The rapid adoption of next generation smart meters will build intelligence into millions of homes. According to market intelligence firm [Guidehouse](#), the global penetration of smart meters will climb from approximately 44 percent at the end of 2020 to 56 percent by the end of 2028, resulting in over 1.2 billion devices globally.

Related Sectors:

Manufacturing, Engineering & Energy

Related Keywords:

Smart Meter :: Energy Transition :: EDM :: Energy :: Utility :: Next Generation Smart Meter

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About Sense

Sense's mission is to reduce global carbon emissions by making homes smarter and more efficient. We empower people to care for their homes and families while contributing to a cleaner, more resilient future. Founded in 2013 by pioneers in speech recognition, Sense uses machine learning technology to provide real-time insights on device behaviour, even for those devices that are not "smart." Customers rely on Sense for a wide range of uses including monitoring their home appliances, determining whether they left appliances running and identifying how to reduce their energy costs.

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About EDM I

Since 1978, energy companies all over the world have relied on EDM I to deliver the flexibility and reliability they need and the innovative solutions they demand. EDM I's experience, our proven track record, and millions of EDM I multi-functional smart meters installed worldwide, mean that our products are tried and tested and that you can trust EDM I to meet and exceed your expectations.

As the future of smart metering solutions, EDM I prides itself on its dedication to quality, compliance and customer service. Our focus on quality flows from the design phase through to our post-sales service giving you and your clients peace of mind. We are international leaders in smart metering innovation and recognise our obligation to combine the best of cutting-edge technologies with a strong commitment to quality and reliability. We are dedicated to providing smarter solutions for our customers and are proud of our customer relationships. Our partnership approach ensures that we truly understand our customers' requirements now and into the future.

EDM I was established originally as "EDMQ" in Australia, finding early penetration into the metering industry with its Mk1 electronic revenue meter.

EDM I is owned by Osaki Electric Co., Ltd., a Japanese metering solutions provider listed on the Prime Market of the Tokyo Stock Exchange

Learn more: <https://www.edmi-meters.com>

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