

PRESS RELEASE
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Kamstrup adds NB-IoT to portfolio of smart electricity metering solutions

Kamstrup, one of the world's leading providers of intelligent metering solutions, has announced today that it is investing heavily in narrowband internet of things (NB-IoT) communication for its electricity meters.

The Danish company's Electricity Division SVP, Henrik Mørck Mogensen, says communication modules and meters with integrated NB-IoT have already been developed and successfully tested. Pilot tests are planned for spring 2018 and a commercial solution will be available in the next 12-18 months.

"After years of comprehensive analysis of new communication technologies, it is clear that NB-IoT stands head and shoulders above the rest, especially in terms of interoperability. We strongly believe that the combination of NB-IoT and our tried and tested radio mesh solution is the communication infrastructure of the future for smart electricity metering," says Mogensen.

Henrik Mørck Mogensen adds that several successful tests have been carried out on Kamstrup's NB-IoT solution, one of which was on Vodafone's live network in Ireland, where Kamstrup's meters remotely connected back to the hosting centre in Denmark. Another was a multi-vendor lab test carried out in Vodafone's open lab in Düsseldorf, Germany, on both Huawei and Ericsson radio network equipment.

The tests have confirmed the maturity of NB-IoT technology and proven the flexibility of the solution in terms of its ability to function with different networks.

"A major benefit of NB-IoT is that it uses existing infrastructure that's maintained by the telcos, so utilities have the potential to significantly reduce their capital expenditure. Plus, due to its massive global industry backing NB-IoT and high degree of standardization, NB-IoT remains the best bet for achieving full interoperability."

"Ultimately, adding NB-IoT to our portfolio is about giving utilities the flexibility to choose the solution, which works best for them. That could be our radio mesh solution, it could be NB-IoT, or it could be a combination of both."

"For utilities, one of the great things about the combined solution is that it's easy to make the switch as and when you like, on whatever section of your network you wish. Whether it's in the next year or two or further down the line, future-proof options are there for you," explains Henrik Mørck Mogensen.

Kamstrup is currently working with several telcos globally to find the right model for pricing and service level that will ensure that utilities can get a robust NB-IoT solution at an attractive cost.

To learn more, interested parties are encouraged to attend the presentation Kamstrup will be giving at European Utility Week in Amsterdam on Tuesday 3 October at 4pm. Visit www.kamstrup.com/euw17 for further details.

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About Kamstrup

Kamstrup is a world-leading supplier of energy and water metering solutions. Our solutions support utilities and are also applied in properties with individual metering. For 70 years, we have delivered reliable, cost-effective ways to measure and manage energy and water consumption worldwide. By anticipating our customers' challenges, we enable them to run a better business and inspire smarter, more responsible solutions for the communities they serve. Our solutions include consumption meters, smart metering systems, hosting and services, analytics and smart grid applications. All products are produced with the highest certifications for environmental safety and quality in our automated production facilities in Denmark.