

NORDIC SEMICONDUCTOR + iBASIS

Successful field testing across 24 countries to confirm LTE-M, NB-IoT, & eSIM ready for massive IoT deployments.



Nordic Semiconductor, a leading enabler of the next phase of IoT, and iBASIS have jointly developed and tested cellular IoT and eSIM technology used in NB-IoT and LTE-M Low Power Wide-Area (LPWA) use cases, leveraging the iBASIS single global, remotely programmable eSIM. With this increased capability, Nordic customers are now able to connect and monitor their LPWA devices globally without the logistics of employing different SIM cards in each country.

Using the Nordic nRF9160 multimode NB-IoT/LTE-M SiP, Nordic Thingy:91 rapid prototyping platform, and iBASIS' eSIM, field testing of the joint solution was conducted in the U.S, France, and Finland for NB-IoT, the U.S, Canada, France, Australia, Japan, South Korea and more than 18 other countries for LTE-M. Assessments were performed configuring Nordic's nRF9160 System-in-Package (SiP) and Nordic Thingy:91 modems via the Nordic Link Monitor application, with AT commands used to switch between different networks and select/force bands.

RESULTS

- Achieved critical milestone in the evolution of cellular IoT wireless technology to support devices predicted to cross the five-billion connection mark by 2025*
- Completely invalidated any question marks over cellular IoT and eSIM technology used in NB-IoT and LTE-M Low Power Wide-Area (LPWA) use cases
- Additional Nordic customers working to integrate the Nordic module with iBASIS Open eSIM in their device development roadmaps

* Counterpoint Research, 2018.

ABOUT iBASIS

iBASIS is the leading communications solutions provider enabling operators and digital players worldwide to perform and transform. Powered by Tofane Global, the new iBASIS is the first independent communications specialist, ranking third largest global wholesale voice operator and Top 3 LTE IPX vendor with 660+ LTE destinations. With the integration of Tofane's acquisition of the Altice Europe N.V. international voice carrier business in France, Portugal, and the Dominican Republic, iBASIS today serves 1,000+ customers across 18 offices worldwide.

iBASIS provides the end-to-end Global Access for Things™ connectivity solution, delivering single source cellular IoT access (LTE, LTE-M, and NB-IoT) worldwide provisioned through GSMA-standard eSIM/eUICC technology. The solution simplifies IoT device connection through one unified platform for seamless, remote, programmable, and secure communication. For more information, please visit www.iBASIS.com.

“ This achievement of iBASIS and Nordic is most welcome and will significantly aid market growth of NB-IoT and LTE-M in the crucial high volume, low data rate segment of the IoT market. ”

Robin Duke-Woolley
CEO of specialist IoT analyst firm,
Beecham Research

“ This is a very exciting development for Nordic. It's another important step in our journey to create the absolute best customer experience by driving simplicity, flexibility and performance in all aspects of cellular IoT for the broadest array of devices deployed across the IoT ecosystem. ”

Svenn-Tore Larsen
CEO, Nordic

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