

Narrowband IoT: the (low power) engine of IoT value



By Lory Thorpe, Head of IoT Technology Strategy and Innovation Vodafone Group

I believe that a cellular Low Power Wide Area technology such as NB-IoT is a key enabler in unlocking the value of IoT. That's a bold statement, but it reflects the important ability to connect more things than ever before reliably, securely and cost effectively. For many organisations it's a turning point. It will enable them to achieve visibility, efficiency and, ultimately, exciting capabilities that were previously out of reach.

The real revolution will be taking place underground, in remote locations, where coverage reach, and power efficiency and cost-effective scale are important so that organisations are able to communicate, monitor and track their assets across a wide variety of sectors and applications, leveraging a globally interoperable and standardised eco-system.

I want to emphasise the value that's on offer. Connecting more things will yield an immense amount of valuable data which will drive digital transformation and deliver automation, efficiency and new services (which in turn can increase disruption). It will make our world safer, more economically vibrant, and help us tackle everything from energy sustainability to dealing with crime and improving asset and personal security.

