

A photograph of two men in a warehouse setting. They are both wearing orange safety vests over dark grey long-sleeved shirts. The man in the foreground, on the left, has a beard and is looking upwards and to the right. He is holding a black remote control device with his right hand. The man in the background, on the right, is also looking upwards and to the right. The background is a blurred warehouse interior with high shelves and industrial equipment.

Enabling industry connectivity

# Ericsson Industry Connect and CBRS



ERICSSON



## Citizen's Broadband Radio Service (CBRS)

Spectrum is required for wireless transmission and governed by regulatory agencies. Up to now, spectrum has primarily been available to mobile network operators. But now, the FCC is making spectrum available to industries and other users with Citizen's Broadband Radio Service (CBRS).

The United States Federal Communications Commission (FCC) has approved the 3.5GHz CBRS band to drive innovative new wireless services in the US.

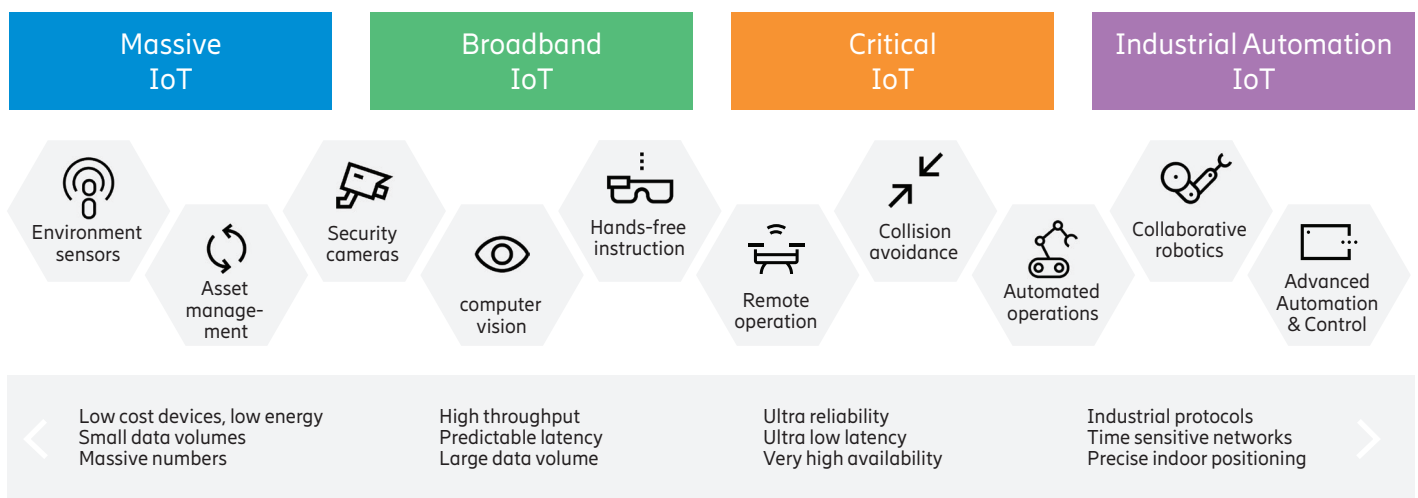
The CBRS-based LTE technology has been branded as "OnGo" to reflect its "always-on" solution for businesses looking for cost effective LTE coverage.

This 150 MHz within the 3.5 GHz shared spectrum is designed to balance the needs of existing incumbent applications with those of new services.

## Secure and reliable wireless connectivity for industries

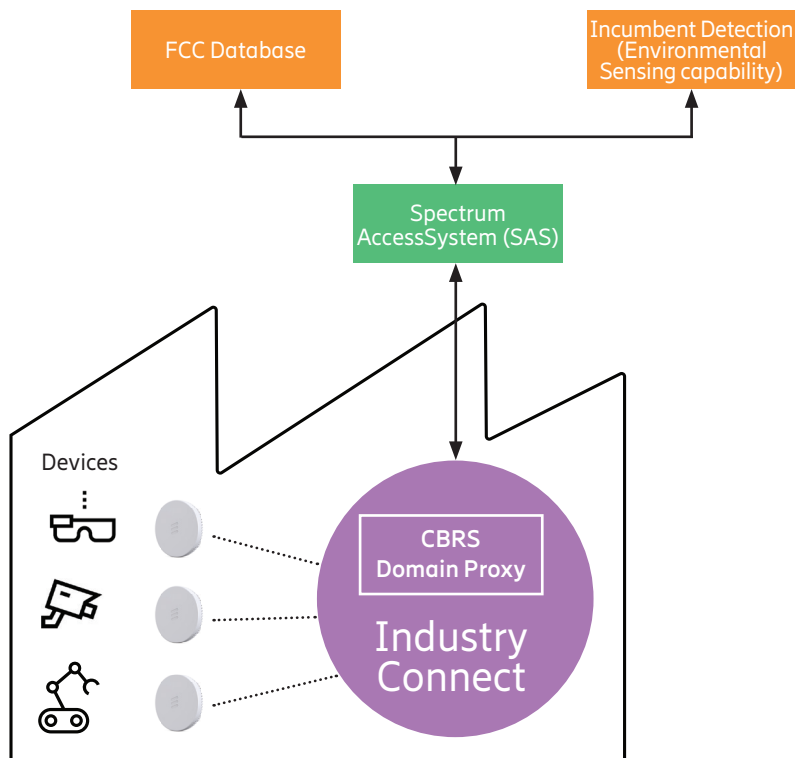
Ericsson Industry Connect, a private cellular network designed specifically for the industrial environment, provides fast, secure wireless capability that readies your operations for all the promised benefits Industry 4.0. Ericsson Industry Connect enables communication service providers to offer private cellular networks at factories and warehouses starting with 4G/LTE, with a clear path to 5G.

With integrated CBRS Domain Proxy, Industry Connect enables industries to take full advantage of CBRS spectrum to power cellular connectivity throughout the factory or warehouse for high device density, a wide coverage range and reliable wireless connectivity throughout the factory.



Cellular connectivity with Industry Connect and CBBRS will enable a wide range of use cases throughout the warehouse or factory.





Industry Connect comes with an integrated CBRS Domain Proxy to take advantage of this spectrum opportunity for industries.

## CBRS Basics

CBRS provides 150 MHz of shared spectrum. The Spectrum Access System (SAS) provides spectrum management across three tiers:

- Incumbents – Naval radars that use the band infrequently
- Priority Access (PAL) – finite term license for interference protection
- General Authorized Access (GAA) – no license required, SAS authorization for unprotected usage

## Ericsson Industry Connect

- Secure and reliable connectivity for industries
- No data leaves the factory floor
- More connected devices per square foot
- Easy to deploy and operate
- Integrated CBRS Domain Proxy