

RELIABLE AND FUTURE-PROOF WIRELESS CONNECTIVITY

LumenRadio's embedded operating system MiraOS enables the world's most resilient wireless mesh connectivity for business critical applications. Integrating MiraOS into products enables connecting, controlling and collecting data wirelessly without worries. MiraOS can operate on any radio chip, on any frequency band.



CONNECTED LIGHTING

- Automated emergency lighting
- Retail signage
- Commercial building luminary control
- Architectural lighting control
- Street and road lighting control



HVAC & BUILDING CONTROL

- Heat, ventilation and air control
- Building usage optimisation
- Building sensing



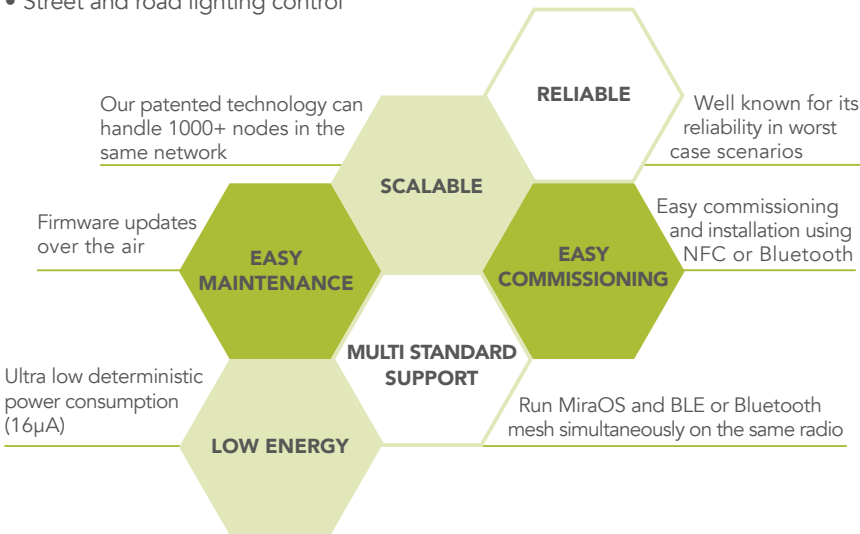
INDUSTRIAL SENSOR NETWORKS

- Predictive maintenance
- Condition monitoring
- Vibration monitoring



PHYSICAL SECURITY & ACCESS CONTROL

- Building and room access security
- Perimeter protection
- Fire detection and alarm systems



WHEN MIRAOS OUTPERFORMS ITS COMPETITORS

- Radio environment with lots of disturbances*
- Low power consumption is critical
- Data losses in the network are not allowed
- Building wide network needed

*Patented frequency agility

The system scans the radio waves and detects the activity from other networks. It then uses that information to predict how the interference will evolve over time and then decides on what channels to use. This is done on every node in the system which avoids causing collisions with other networks.

CUSTOMER CASE SWEGON

80% reduced installation cost compared to wired installation

35% expected savings in support, RMA and TCO

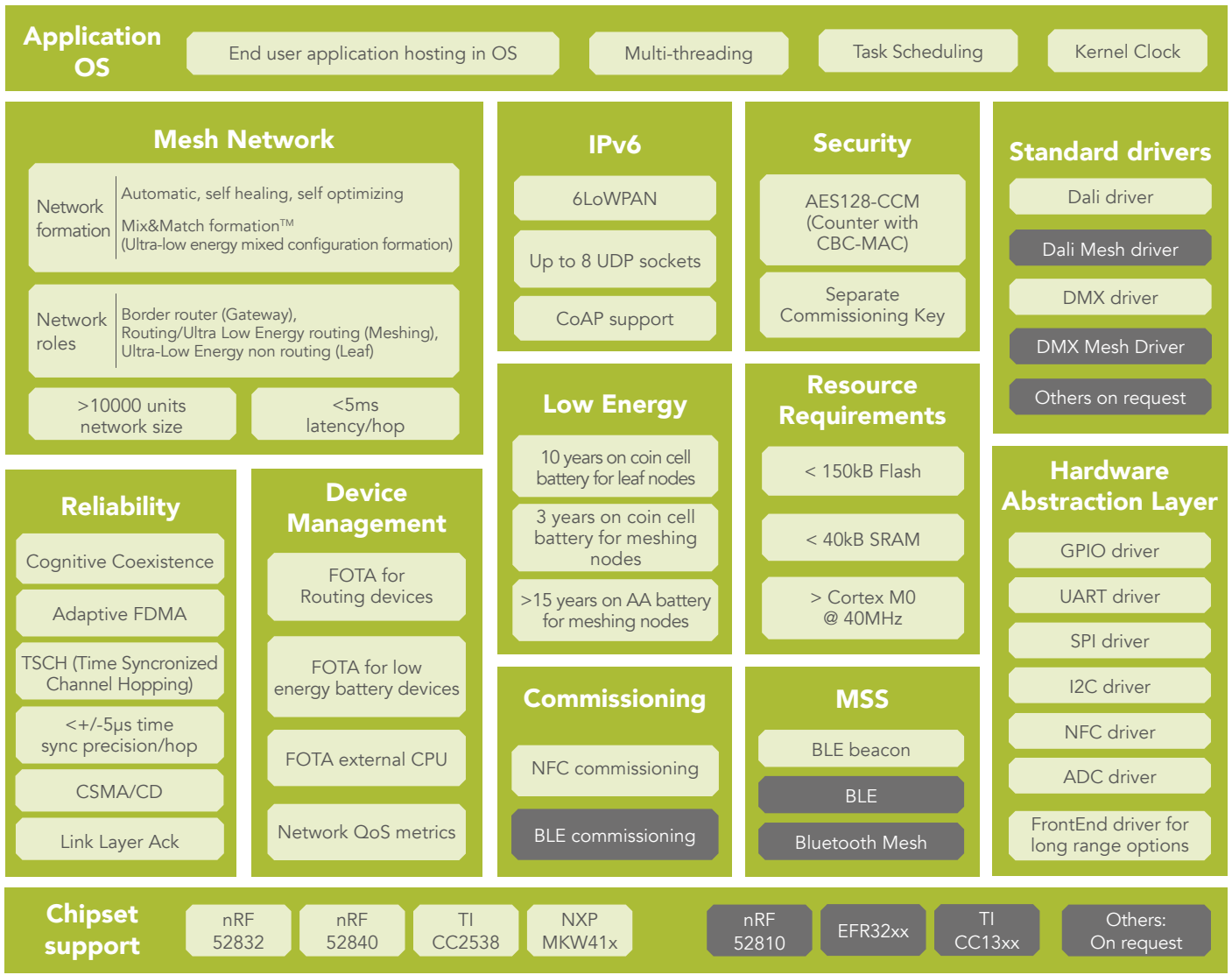
Enables new, **revenue-generating** services

WHY LUMENRADIO?

- Reliable, robust wireless communication
- Fast commissioning, flexible to changes
- Over the air firmware updates
- Ultra low power consumption
- Long term partner from design to maintenance



Building blocks of MiraOS



MiraOS v2.1

Available standard feature

Planned feature, not available yet



With patented technologies and an unique operating system, LumenRadio provides ultra-reliable mesh connectivity for the most business critical applications.

CONTACT

Sweden – Headquarters

LumenRadio AB
Svngatan 2B
416 68 Göteborg

+46 31 301 03 70
sales@lumenradio.com

Germany – Sales office

LumenRadio Deutschland GmbH
Mergenthalerallee 10-12
D-65760 Eschborn, Frankfurt

+49 619 658 655 590
sales@lumenradio.com