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DECT nr+ at NORDIC SEMICONDUCTOR

2026+

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Just to Recap

Commercially available System-in-Package
nRF9151 for DECT NR+

Field-proven reliability

Powerful connectivity
– up to **+21 dBm transmit power** for extended range

Broad spectrum support
– 1.9GHz DECT band support
– including 900 MHz operation for North America

Marketing top speed 3.3 Mbps



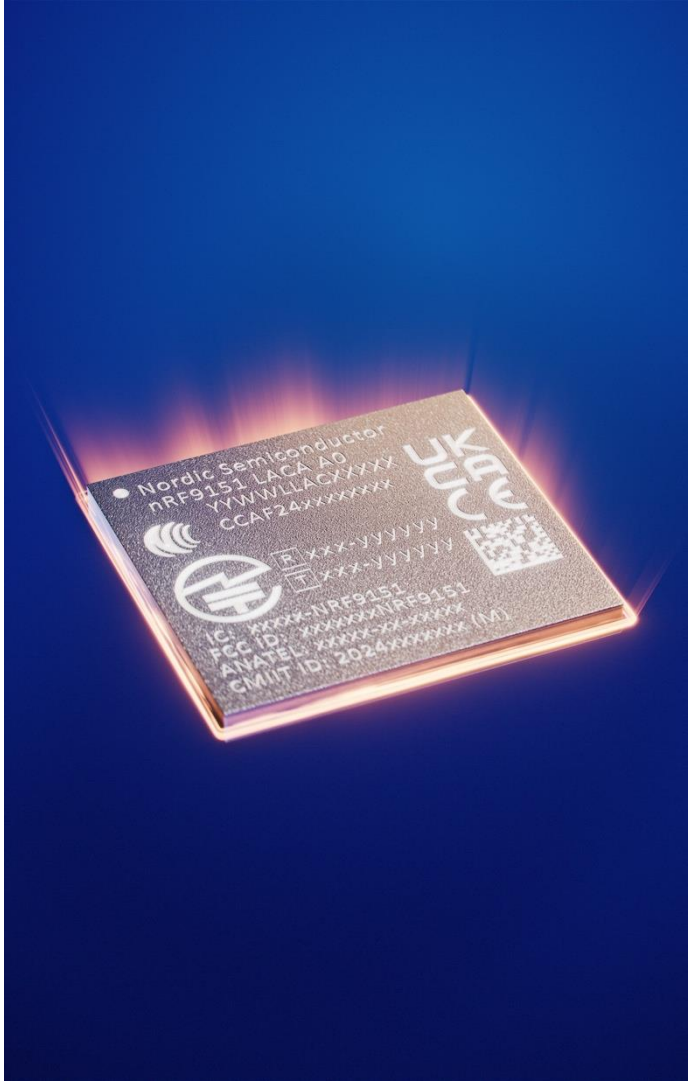
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Nordic NR+ Strategy

Nordic is increasing investment on NR+

Nordic is active in ETSI standardization

Nordic focuses on PHY implementation, relying on partner stacks



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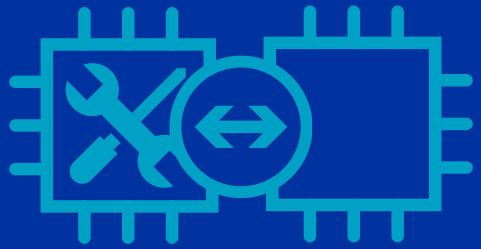
SW roadmap -2027

4Q26



- Over-The-Air synchronization to child devices
  - Modem clock adjustment on beacon period

1H27



- Porting stack to new HW

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Roadmap HW Lineup

Mainstream product line

Cost reduction

Work on-going

Performance product line

Low latency/high speed

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Future SW architecture

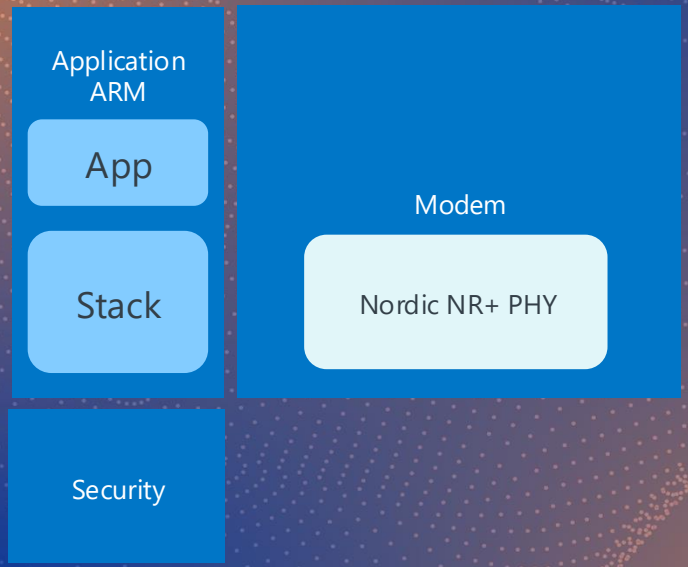
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nRF 91 Series for NR+

Repurposed cellular HW design

Nordic Modem firmware

Challenges in app – modem synchronization (different clocks, delays)



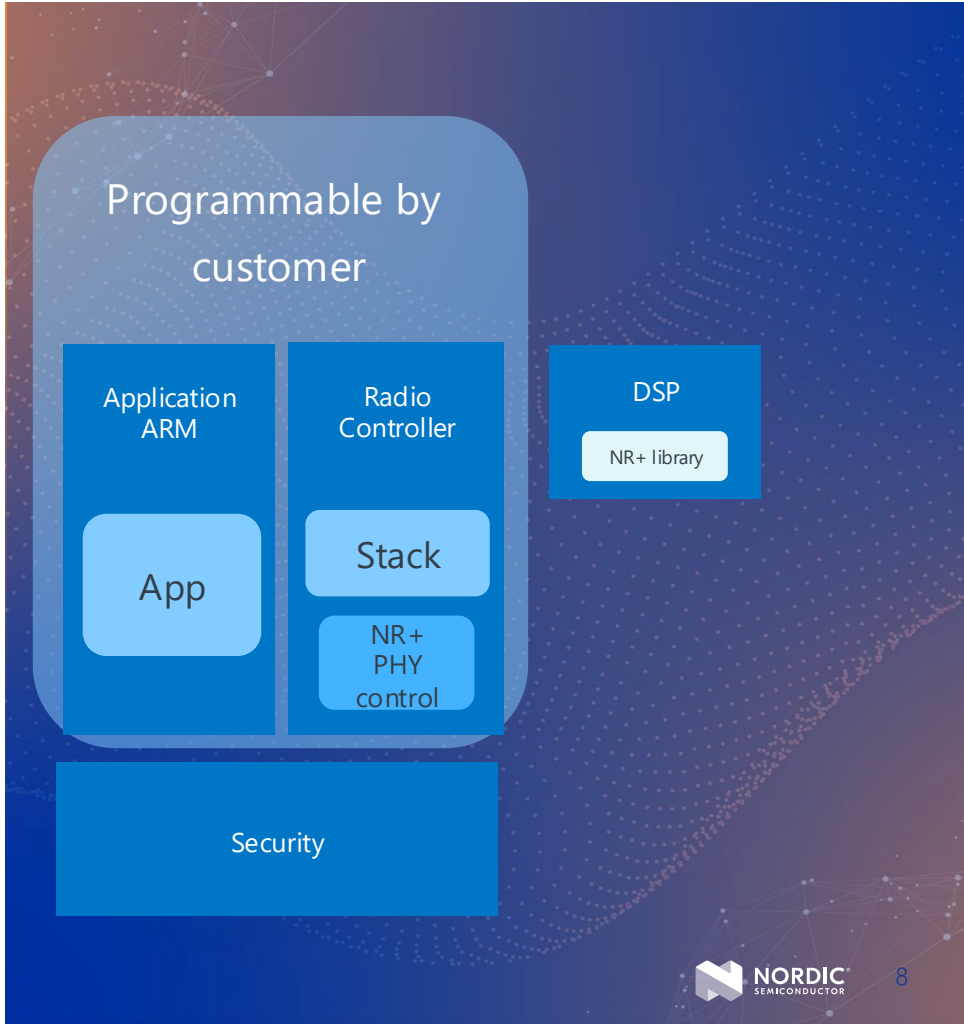
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New nRF Series for NR+

Open radio

- Radio controller NR+ PHY control (open source)
- Can implement MAC on radio controller
- DSP binary library

- Less latency on packet handling
- Lower latency packet encryption / decryption



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Thank You!

DECT NR+ Technology

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