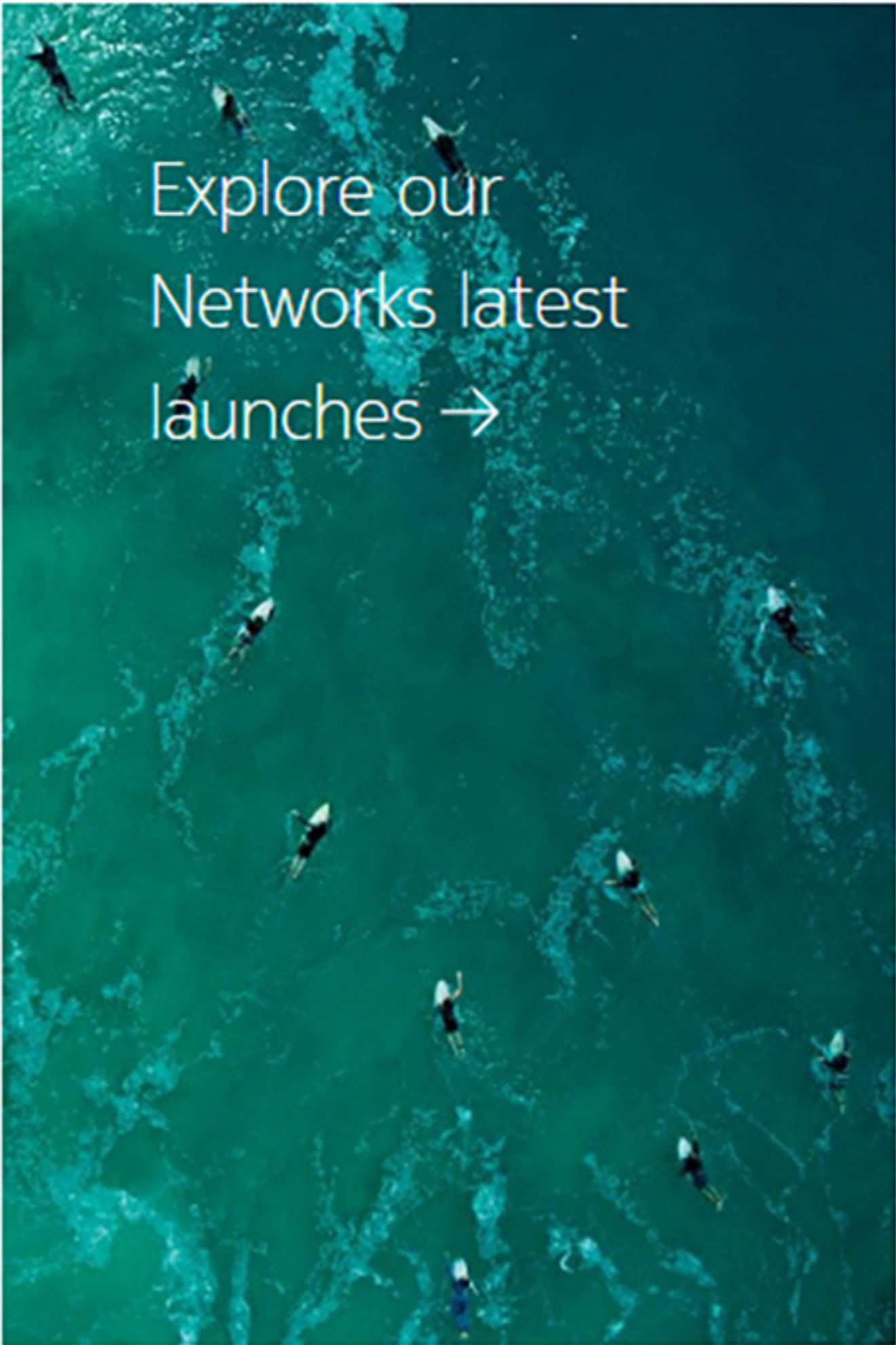




OZO Reality – our vision for the future of VR is here today →



Explore our Networks latest launches →



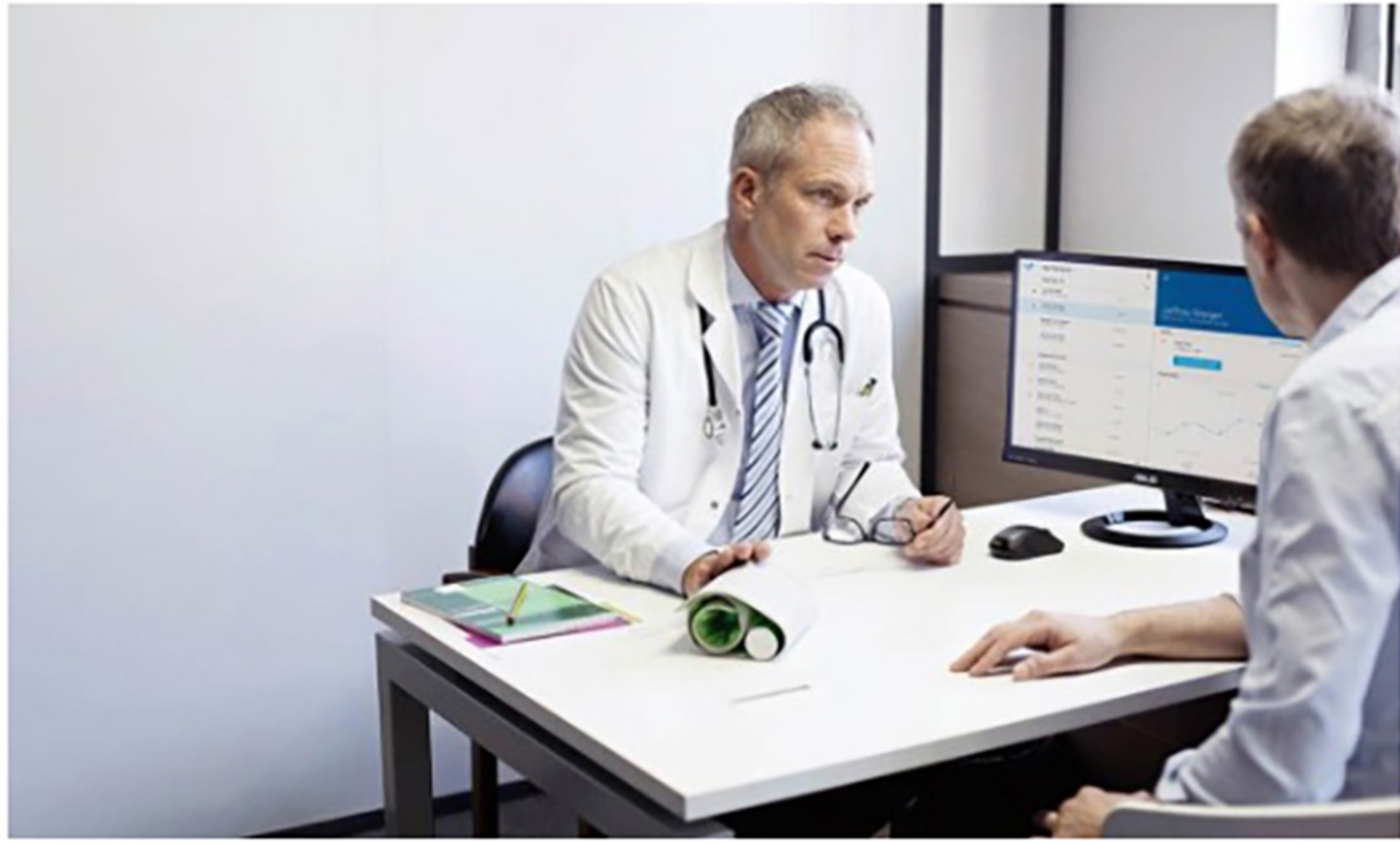
→ Nokia debuts our portfolio of digital health products



We create the technology to connect the world



Meet the new Nokia smartphones



→ Engaging patients with smart devices, connecting through scalable remote monitoring solutions



Nokia Annual General Meeting 2017



→ Follow the industry conversation on our blog

Discover Nokia

- Networks
- Health
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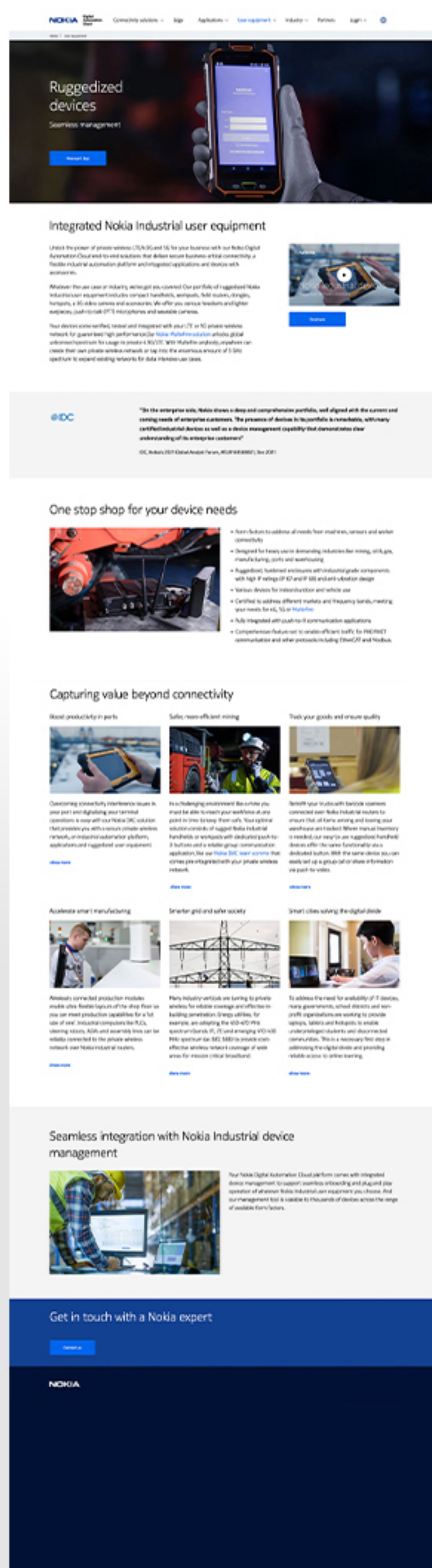
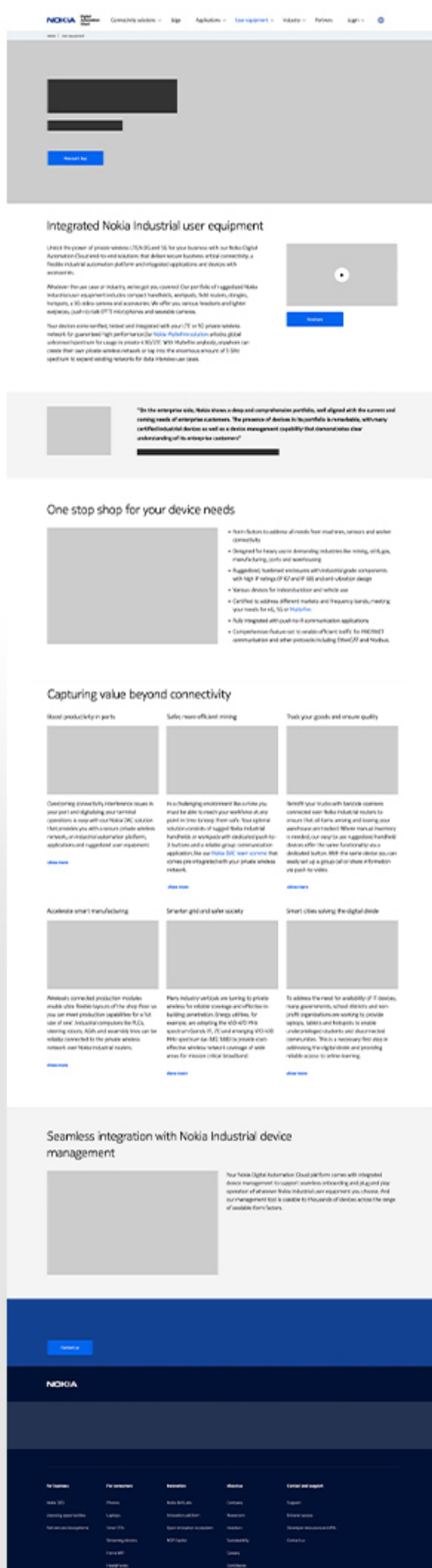
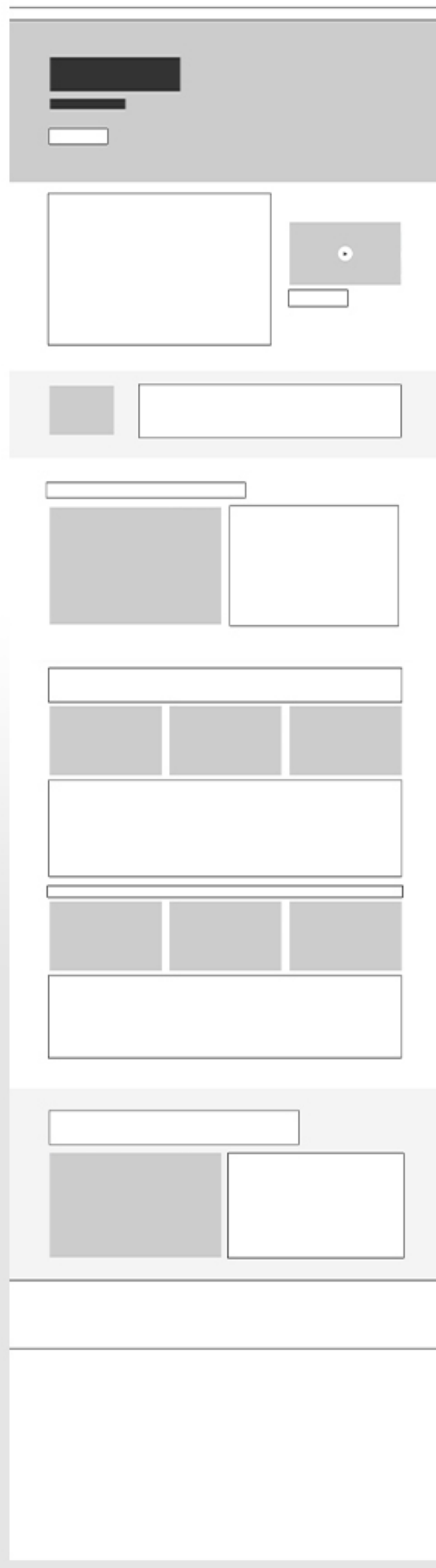
About Nokia

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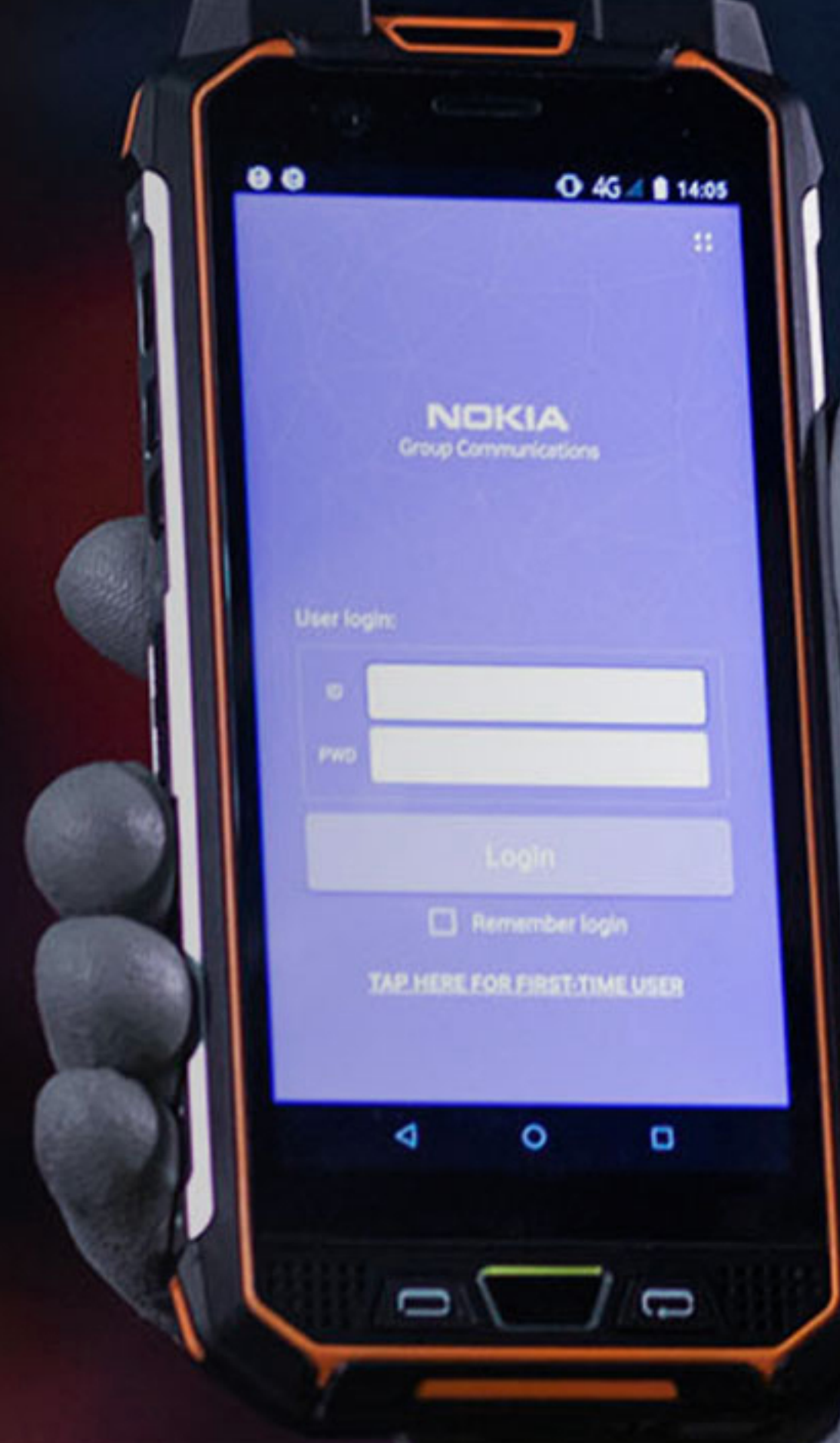




Ruggedized devices

Seamless management

How can I buy

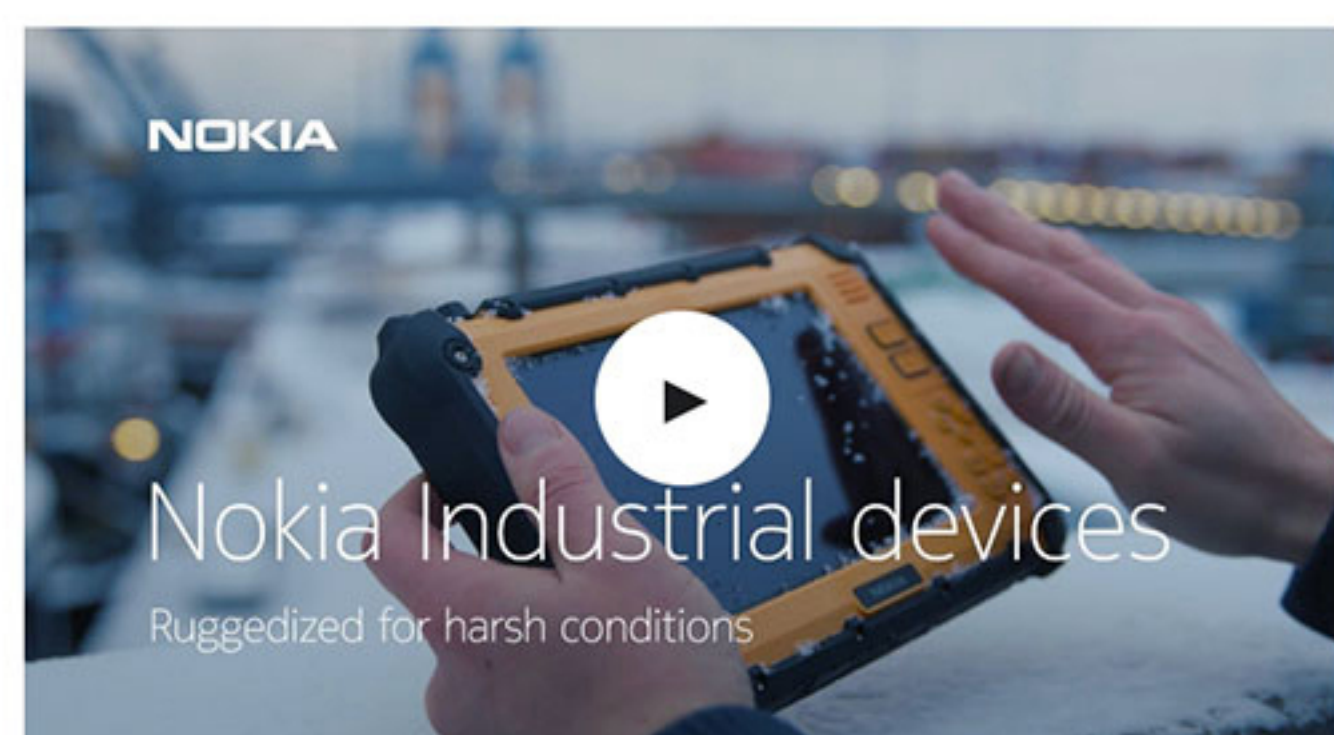


Integrated Nokia Industrial user equipment

Unlock the power of private wireless LTE/4.9G and 5G for your business with our Nokia Digital Automation Cloud end-to-end solutions that deliver secure business-critical connectivity, a flexible industrial automation platform and integrated applications and devices with accessories.

Whatever the use case or industry, we've got you covered. Our portfolio of ruggedized Nokia Industrial user equipment includes compact handhelds, workpads, field routers, dongles, hotspots, a 5G video camera and accessories. We offer you various headsets and lighter earpieces, push-to-talk (PTT) microphones and wearable cameras.

Your devices come verified, tested and integrated with your LTE or 5G private wireless network for guaranteed high performance. Our [Nokia MulteFire solution](#) unlocks global unlicensed spectrum for usage in private 4.9G/LTE. With MulteFire anybody, anywhere can create their own private wireless network or tap into the enormous amount of 5 GHz spectrum to expand existing networks for data intensive use cases.



Brochure



"On the enterprise side, Nokia shows a deep and comprehensive portfolio, well aligned with the current and coming needs of enterprise customers. The presence of devices in its portfolio is remarkable, with many certified industrial devices as well as a device management capability that demonstrates clear understanding of its enterprise customers"

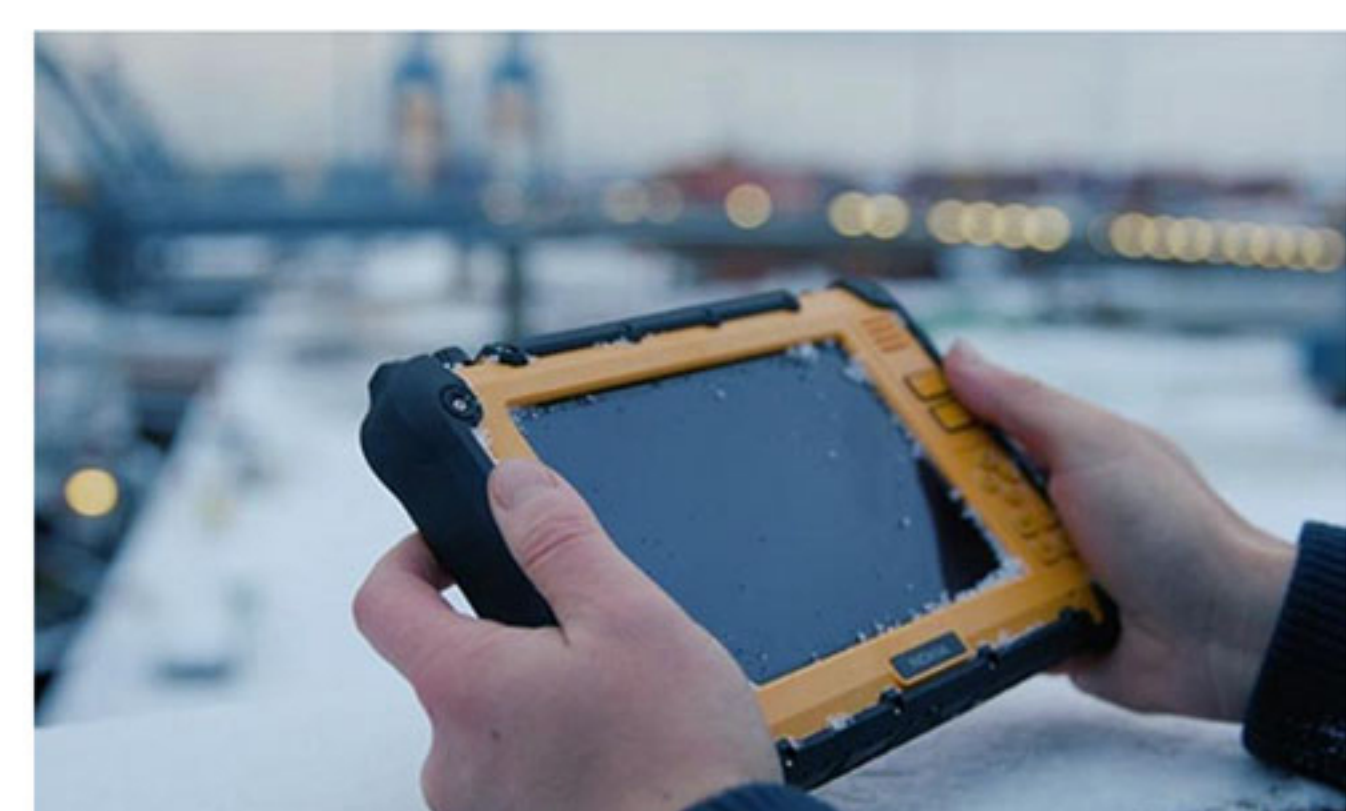
One stop shop for your device needs



- Form factors to address all needs from machines, sensors and worker connectivity
- Designed for heavy use in demanding industries like mining, oil & gas, manufacturing, ports and warehousing
- Ruggedized, hardened enclosures with industrial grade components with high IP ratings (IP 67 and IP 68) and anti-vibration design
- Various devices for indoor/outdoor and vehicle use
- Certified to address different markets and frequency bands, meeting your needs for 4G, 5G or [MulteFire](#)
- Fully integrated with push-to-X communication applications
- Comprehensive feature set to enable efficient traffic for PROFINET communication and other protocols including EtherCAT and Modbus.

Capturing value beyond connectivity

Boost productivity in ports



Overcoming connectivity interference issues in your port and digitalizing your terminal operations is easy with our Nokia DAC solution that provides you with a secure private wireless network, an industrial automation platform, applications and ruggedized user equipment.

[show more](#)

Safer, more efficient mining



In a challenging environment like a mine you must be able to reach your workforce at any point in time to keep them safe. Your optimal solution consists of rugged Nokia Industrial handhelds or workpads with dedicated push-to-X buttons and a reliable group communication application, like our [Nokia DAC team comms](#) that comes pre-integrated with your private wireless network.

[show more](#)

Track your goods and ensure quality



Retrofit your trucks with barcode scanners connected over Nokia Industrial routers to ensure that all items arriving and leaving your warehouse are tracked. Where manual inventory is needed, our easy to use ruggedized handheld devices offer the same functionality via a dedicated button. With the same device you can easily set up a group call or share information via push-to-video.

[show more](#)

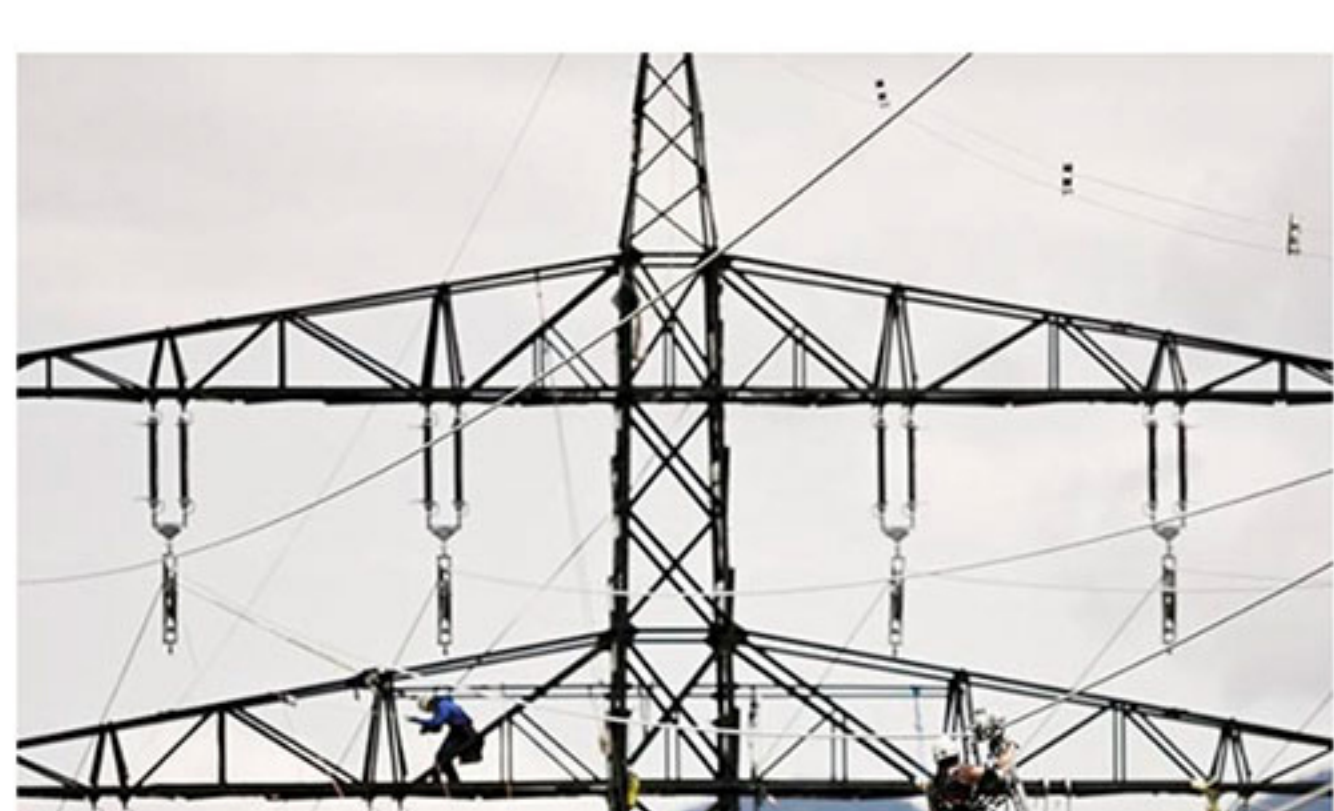
Accelerate smart manufacturing



Wirelessly connected production modules enable ultra-flexible layouts of the shop floor so you can meet production capabilities for a 'lot size of one'. Industrial computers like PLCs, steering robots, AGVs and assembly lines can be reliably connected to the private wireless network over Nokia Industrial routers.

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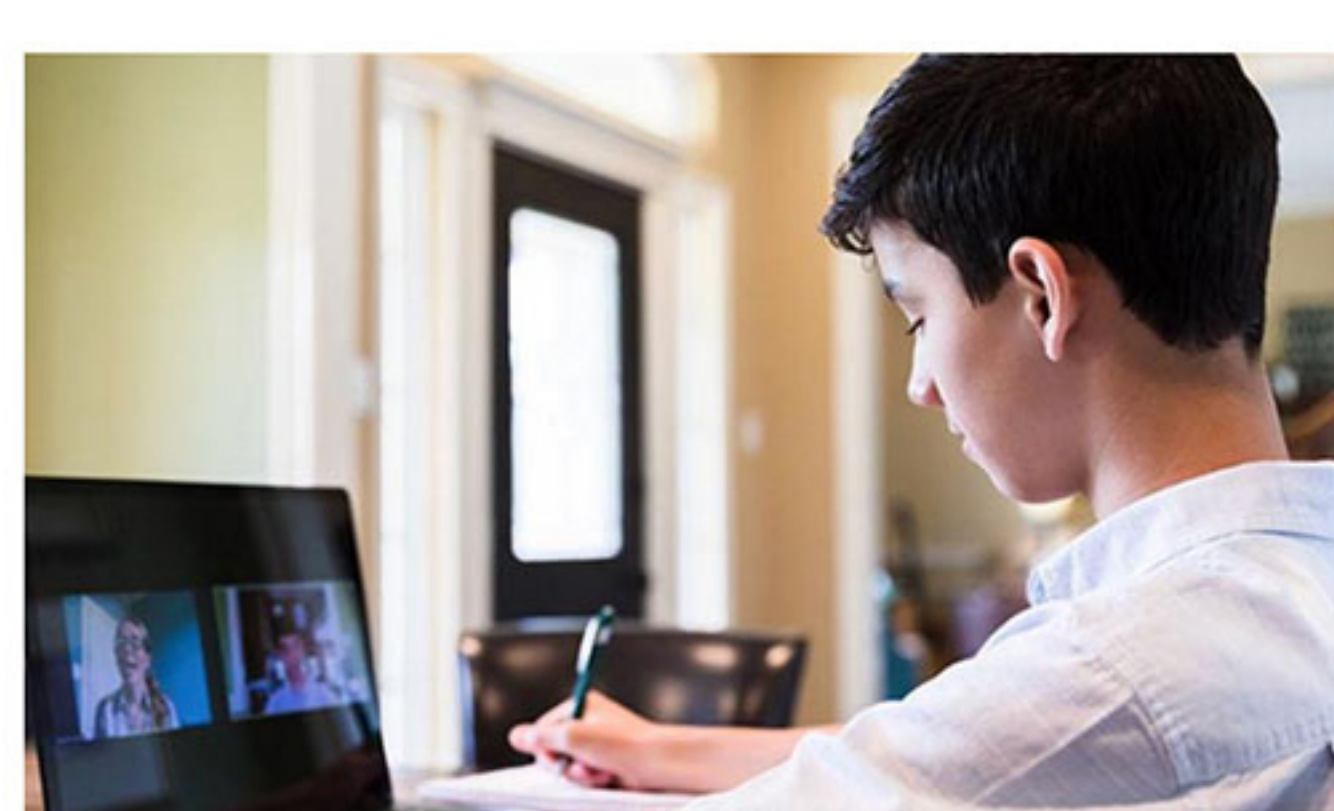
Smarter grid and safer society



Many industry verticals are turning to private wireless for reliable coverage and effective in-building penetration. Energy utilities, for example, are adopting the 450-470 MHz spectrum (bands 31, 72) and emerging 410-430 MHz spectrum (as B87, B88) to provide cost-effective wireless network coverage of wide areas for mission critical broadband.

[show more](#)

Smart cities solving the digital divide



To address the need for availability of IT devices, many governments, school districts and non-profit organizations are working to provide laptops, tablets and hotspots to enable underprivileged students and disconnected communities. This is a necessary first step in addressing the digital divide and providing reliable access to online learning.

[show more](#)

Seamless integration with Nokia Industrial device management



Your Nokia Digital Automation Cloud platform comes with integrated device management to support seamless onboarding and plug and play operation of whatever Nokia Industrial user equipment you choose. And our management tool is scalable to thousands of devices across the range of available form factors.

Get in touch with a Nokia expert

Contact us