

The background of the slide is a blurred photograph of two individuals in military uniforms. One person is in the foreground, slightly out of focus, wearing a camouflage uniform. Another person is visible in the background, also in a military uniform, looking towards the camera. The overall tone is professional and military-oriented.

Innokas

**Defense and dual-use
partnerships**

Innokas in numbers

200

Experts

60

Engineers in 2+1 locations

26M€

Revenue

2

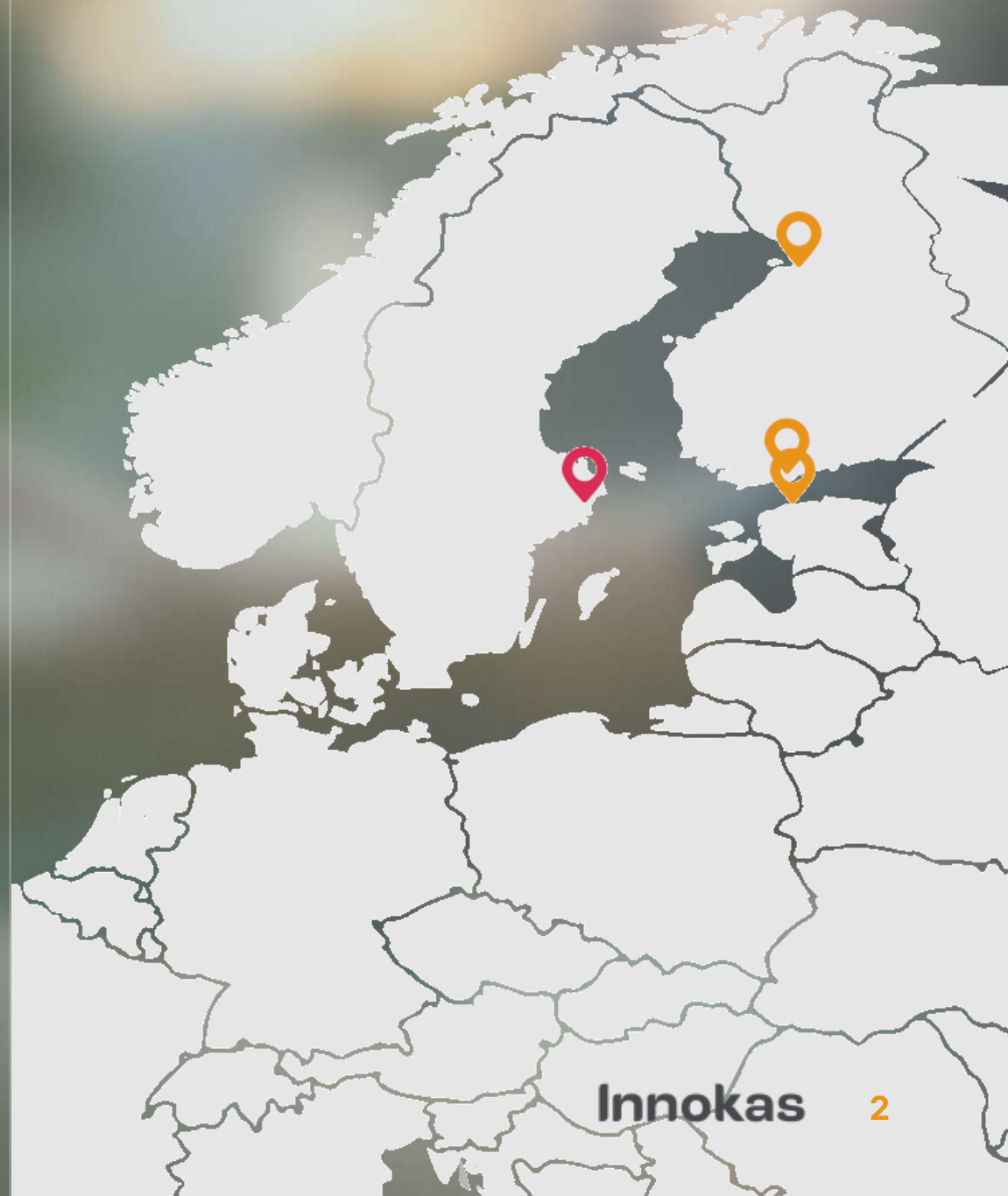
Factories, FDA registered,
under ISO 13485, AQAP 2110
and ISO 9001 certified QMS

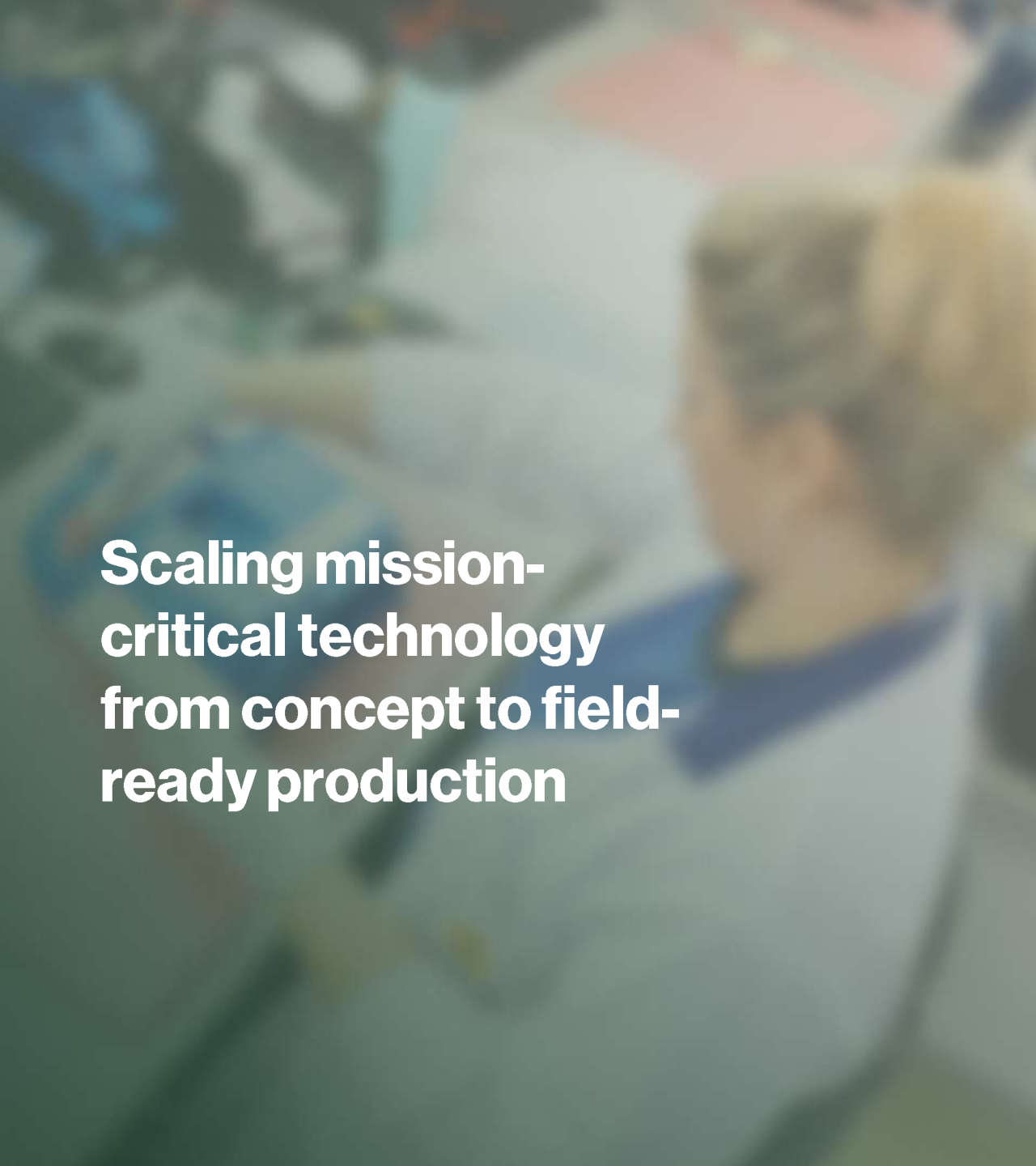
30+

Years of experience

250+

Employees in the Finnish
family-owned Paree Group
that Innokas is a part of





Scaling mission-critical technology from concept to field-ready production

What we do

- High-reliability electromechanical devices and electronics manufacturing for mission-critical systems (devices assembly and testing, supply chain management, PCBA assembly and testing)
- Industrialization from concept to serial manufacturing (electronics, mechanics, embedded systems and SW development), product development from TRL3 to TR8
- Services enabling efficient scaling up
- Long-term program readiness: product maintenance and lifecycle management services
- Compliance readiness: quality & regulatory consultancy (NATO AQAP 2110)

NATO AQAP 2110 certified contract manufacturer

Innokas operates under QMS certified to

- AQAP 2110 compliance and
- ISO 9001
- ISO 13485

Three decades of Medtech discipline
transferred to defense and dual-use
programs



Industrialization and manufacturing scaling

Flexible and scalable services for challenging intelligent/high-tech electromechanical technology - over the entire product life cycle



Concepting

- Proof of concept (PoC) development
- Rapid prototyping
- Software platform and concept feasibility
- Part technology selection support
- Key component analysis and part-manufacturer selection
- HW, Mech, SW design



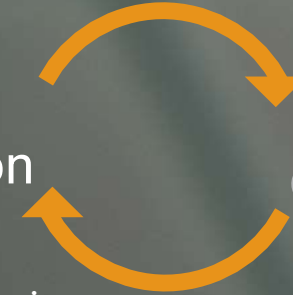
Industrialization and NPI

- Product development (HW, SW, Mech)
- Prototype manufacturing
- Manufacturing line development
- Supplier selection
- DfX (manufacturability, cost, service, assembly, sustainability)
- Production test setup development
- Design transfer
- Manufacturing line validation (IQ/PQ/OQ)



Serial production

- Product manufacturing, testing (order to delivery)
- Change management
- Volume up scaling
- Defect management
- SW patches / security vulnerability
- Logistics management
- Production data collection and analysis



Continuous Development

- LEAN process and Circular economy program
- Obsolescence management
- Design changes
- Cost improvements
- Product design optimization
- Production line improvements / optimization
- Product service
- Over-the-air SW/FW upgrades
- Remote Operational & Service data collection



References

AI was used to create the image

Dual use drones

Product:

- Industrial dual-use drones

Innokas' role

- Manufacturing
- Testing partner

Non-public reference



Dual use industrial

Product: Pexraytech

- An advanced, battery powered, constant potential X-Ray generator

Innokas' role

- Manufacturing partner

<https://pexraytech.com/>



Dual-use medical devices

Product:

- A hand-held medical suction device for healthcare and battlefield use

Innokas' role

- Development partner,
- Regulatory management,
- Large scale manufacturing

<https://www.excitus.no/>



Thank you!

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<https://www.linkedin.com/showcase/innokas-defense-and-dual-use/>

Dual-use, dual strength

Innokas 10