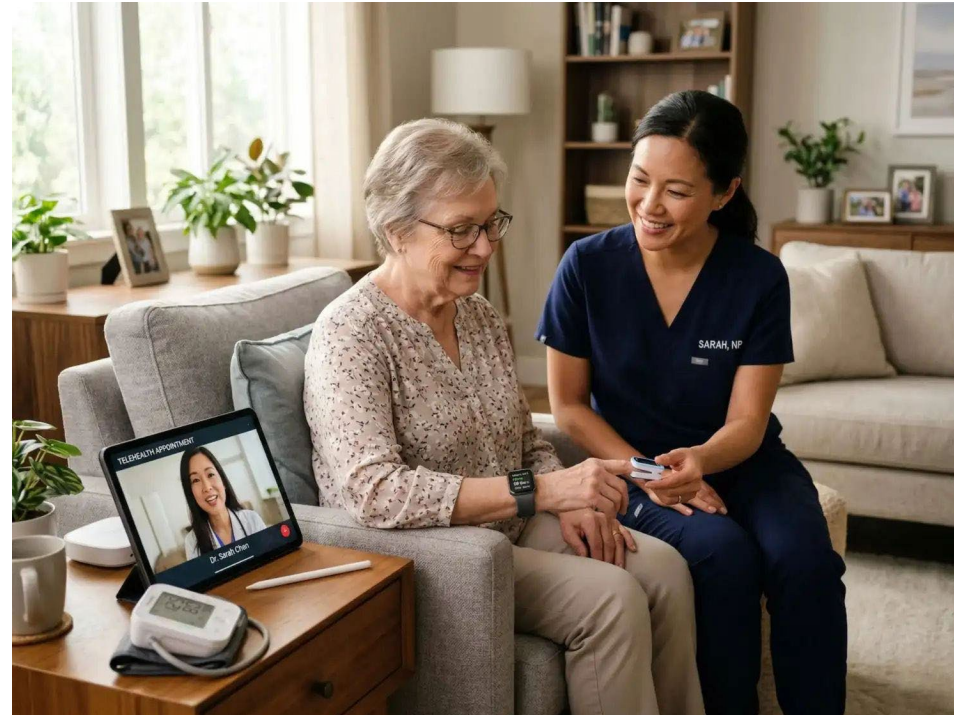


Nordic Cyber for Healthcare Forum by DNV



Scaling Hospital@Home, a Nordic approach to medical device security



Ambition: make it faster and safer to adopt medical devices in patients' homes.

Nordic Cyber for Healthcare Forum



A unique, invitation-only network for leaders in risk management and cybersecurity across the Nordic healthcare sector, to strengthen preparedness against common cyber threats.



A multidisciplinary approach that brings together security experts, clinicians, and senior leadership..



Strong connections to international networks and initiatives within healthcare cybersecurity.



Promote a proactive approach to new EU regulations.



Move from networking to concrete Nordic collaboration through joint initiatives and exercises.

Ambitions



Strengthen the cyber preparedness of the Nordic healthcare ecosystem— by ensuring an open, actionable exchange of knowledge, experience and best practices.



Unique, cross disciplinary platform, extending from information sharing to practical collaboration

TIMELINE

Inauguration meeting

DNV HQ

August 29 2024

11 participants.

2. meeting

Rigshospitalet

November 26 2024

21 participants



3. meeting

Karolinska University Hospital

May 8-9 2025

35 participants



4. meeting

Helsinki University Hospital

12.-13. November 2025

39 participants



5. meeting

Oslo University Hospital and Sykehuspartner

19.-20. March 2026

50 participants



6. meeting:

CEPT Brussel and University hospitals Leuven, 21.-22. oktober

50 participants



Medical
device
security
working
group

Participants & Contributor Ecosystem

Nordic Cyber for Healthcare Forum brings together a unique cross-disciplinary group.

Core Nordic participants

Who we have in the room



National health authorities

Policy level and regulators, including health directorates and agencies.



University hospitals and health regions

Leading Nordic providers with operational experience and implementation responsibility.



Security, emergency preparedness and resilience leaders

Cybersecurity, risk management and crisis-preparedness functions.



Clinicians and senior leadership

Clinical experts and executives who can translate strategy into practical change

International contributors

Relevant networks and institutions we involve



Combines authority-level, clinical leadership and cyber expertise to accelerate Nordic healthcare resilience.

Nordic Cyber for Healthcare Forum by DNV

Medical Device Security Working Group



Hospital@Home: From individual pilots to secure, reusable Nordic scaling

1 Shared challenge

An ageing population, workforce shortages and growing pressure on hospital capacity.

2 Shared barrier

Security, privacy and regulatory assessments are repeated across organisations.

3 Shared solution

A Nordic library of methods, documentation and security requirements.

NO

SE

DK

FI

IS

Ambition: make it faster and safer to adopt clinically relevant medical devices in patients' homes.



Medical Device Security Working Group

01

Part of the Nordic Cyber
for Healthcare Forum

02

Monthly working sessions

03

Approximately 25 participants
across Nordic countries



Hospital@Home and Remote Patient Monitoring

Can we realize security benefits and improve patient care, with reduced local costs, time and resources?



Unique Nordic collaboration

The project brings together healthcare stakeholders to address a shared need across the region.



Common needs across five countries

Combines health policy priorities with clinical, cybersecurity and regulatory requirements across all Nordic countries.



Political and authority-level dialogue

Ongoing dialogue with the Nordic Council of Ministers, with orientation to national health authorities.

Why this matters

A focused project to convert Nordic alignment into reusable methods, documentation and security requirements that can support safer and more cost-effective deployment of digital care at home.



CURRENT STATE:



Security & Compliance Slow the Scale-Up of Remote Patient Monitoring

Challenge: As Hospital@Home and Remote Patient Monitoring (RPM) expands to support chronic disease management, each hospital, region, and project team must independently perform security, privacy, and compliance activities before solutions can be deployed.

CURRENT WORKFLOW (TODAY)



TODAY'S PAIN POINTS

TIME-CONSUMING RISK ASSESSMENTS

- Each hospital repeats similar assessments
- Limited reuse of vendor evidence and results

INCONSISTENT REQUIREMENTS

- Different criteria and templates by region
- Limited reuse of evidence and documentation
- Security baselines are not aligned

SLOW ADOPTION

- Security reviews become a bottleneck
- Long approval cycles
- Deployment to patients is delayed

HIGHER COST

- Resources recreate assessments instead of improving care
- Operational and project costs increase

IMPACT



Security and compliance work is essential, but today clinical implementation is delayed even when the technology exists and the need is clear



PROPOSAL OF THE MEDICAL DEVICE SECURITY WORKING GROUP



Reduce duplication



Accelerate adoption



Align across the Nordics



Deliver better patient care

Proposal: a Nordic library for secure adoption at scale

“Assess once, reuse across the Nordics” applies to methods and documentation, not local decisions or approvals.

Standardised risk assessments

Selected patient groups and clinical use cases.

Shared security controls

A baseline for technical and organisational security.

Supplier checklists

Harmonised requirements based on MDS2 and expected evidence.

Regulatory documentation

Practical support for MDR, privacy and local compliance.

Outcome: faster, more consistent and safer implementation of Hospital@Home and remote patient monitoring services



Proposed roles and responsibilities

SHARED NORDIC LEVEL

01

Develop methods and templates

02

Maintain a shared repository

03

Coordinate workshops and exchange experience

04

Document plans, progress and deliverables

LOCAL LEVEL

01

Decisions and governance

02

Accountability for local use

03

DPIAs, MDR/IVDR and local compliance

04

Clinical operations and risk acceptance

The library supports local decisions. Each organisation retains legal, clinical and regulatory accountability.

Start focused, validate, then expand for reuse



In the next phase, we welcome collaboration across Europe reuse

Relevance to European healthcare

- Similar patient groups
- The same security challenges
- The same regulatory requirements
- The same vendors

Opportunity to expand further

Build on Nordic collaboration initiated with clear relevance to

- Health preparedness,
- Cybersecurity and
- Digital transformation.

Expected impact

- Less duplicated work
- Faster procurement
- Stronger security
- Safer clinical implementation
- Lower cost

Thank you for your attention!

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