



Presented by
Management Forum

Cyber Security for Medical Devices

11-12 September 2025

This seminar will provide you with an understanding of cybersecurity and its increasing regulatory focus, and how to embed and apply state-of-the-art security in your existing processes to deliver safe and secure products and solutions.



Format:
Live online



CPD:
12 hours for your records



Certificate of completion

Course overview

The impact of Cyber Security incidents on society is high, and in critical infrastructures such as healthcare it impacts the ability for hospitals to provide care. Cybersecurity for medical devices is not just about safety, it should also protect the confidentiality, integrity and availability of systems and data. This seminar will provide you with an understanding of cybersecurity and its increasing regulatory focus and how to embed and apply state-of-the-art security in your existing processes to deliver safe and secure products and solutions.

Benefits in attending

- **Gain** a comprehensive overview of the EU, US and global regulations
- **Introduction** to the various healthcare security standards and their application
- **Best practices** on how to embed security by design in existing processes
- **Receive** practical advice on threat modelling
- **Better understand** security risk management and its linkage to safety management
- **Understand** shared responsibility and the information needs

Who should attend?

- Security and privacy specialists
- Risk managers and architects
- R&D, product and project managers
- Regulatory and quality managers
- Software engineers
- Healthcare IT consultants and auditors

Programme

Day 1

Introduction to cybersecurity

Cybersecurity regulatory overview

- For the manufacturer (both medical and non-medical)
- For the user (hospital)
- US focus (FDA, Biden's Executive Order on Improving the Nation's Cybersecurity)
- EU focus (MDR, MDCG Guidance and upcoming NIS2)
- Global focus (IMDRF and guidance's around the world)

Security by design

- An introduction to IEC 81001-5-1:2021 Health software and health IT systems safety, effectiveness and security – Part 5-1: Security – Activities in the product life cycle
- Supply chain
- Secure coding
- Testing
- Monitoring
- Coordinated vulnerability disclosure
- Obsolescence/security updates

Security risk management

- Methodologies
- Introduction to threat modeling
- Relation to safety risk management

Day 2

Threat modeling

- Introduction to threat modeling
- Threat modeling exercise

Shared responsibility and the hospital view

Security standards

- For processes
- For products (MD and SaMD)
- For health and wellness apps
- For services and cloud
- For hospitals
- Security certifications

Further security considerations

- Security in the development, manufacturing and service environments
- Shared responsibility
- Security information, e.g., MDS2

Presenter



Ben Kokx

Ben Kokx joined Philips in 2001 as a software designer. He quickly moved into a new role as a product security and privacy officer and worked as such in several business and market positions. As Director Product Security within the central Philips Product Security Office, he is responsible for security related standards and regulations next for the Philips Product Security Policy and Process Framework since 2013. Ben is a healthcare and IoT security expert who leads and participates in several industry associations and standard development organizations like ISO/IEC JTC 1/SC 27, IEC ACSEC, IEC TC62/ISO TC 215, IEC TC65, ETSI TC-CYBER and others. He is the convenor of CEN/CENELEC JTC 13/WG 6 on product security. Ben is an ENISA eHealth cybersecurity expert, chairs the COCIR Cybersecurity focus group and through DITTA, participates in several public-private organizations such as the IMDRF cybersecurity workgroup.

Course date

11-12 September 2025 **Live online**
09:00-17:00 **UK (London)** (UTC+01)
Course code 15006

GBP **1,299** ~~1,499~~
EUR **1,819** ~~2,099~~
USD **2,087** ~~2,399~~

Until 07 Aug

How to book



Online:
ipi.academy/2200

Alternatively contact us to book, or if you have any queries:



Email:
info@ipiacademy.com



Phone:
[+44 \(0\)20 7749 4749](tel:+442077494749)

Discounts

- Booking more than one delegate on any one date qualifies for a **15% discount** on the second and subsequent places.
- Most events qualify for an **early booking discount** prior to 6 weeks before the course date. Be sure to check on our website, where the latest discounts will be shown.

Further information

Fee

The fee includes all meals and refreshments for the duration of the course (for venue-based courses) and a complete set of course materials (provided electronically). If you have any particular requirements, please advise customer services when booking.

Please note

IPI Academy (and our training partners) reserve the right to change the content and timing of the programme, the speakers, the date and venue due to reasons beyond their control. In the unlikely event that the course is cancelled, we will refund the registration fee and disclaim any further liability.

Terms and conditions

The rest of our terms, the event cancellation policy and the terms and conditions are on our website, please visit ipi.academy/content/terms-and-conditions

Reviews



Excellent, it was very interesting and I find the speaker very knowledgeable.



Kolbrun E Ottosdottir
Nox Medical
Jan 30 2024



Very knowledgeable, up to date on things in this field even parts you usually do not get a glimpse in. An excellent program.



Harpa Arnardóttir
Chief Quality Officer
Nox Medical
Jan 30 2024



Very passionate and answered questions clearly



Genn Kamei
Nox Medical
Jan 30 2024



I was looking for the exact standards what we could apply for our Device Cyber Security Perspective and how we could document Cybersecurity in Regulatory Documents (Risk Assessment, GSPR etc.) Training was helpful, now we could conclude which standard and how we could comply in our documents.



Meenakshi Kamboj
Senior Regulatory Specialist - Development • Regulatory
Flexicare Ltd
Oct 10 2023

Run this programme in-house for your whole team

Coming to IPI Academy for your in-house training provides an all-inclusive service which gives you access to a wide variety of content, learning platforms and delivery mechanisms as well as your own personal training adviser who will work with you from the initial enquiry through to feedback and follow-up after the programme.

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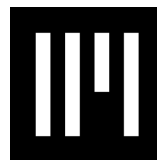
For your FREE consultation and to find out more about how we can work with you to solve your training needs, please contact our training advisers:



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IPI
Academy

IPI Academy is a training initiative of Falconbury and Management Forum; leading providers of industry training for over 30 years, based in the UK.

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