



## ESSENTIAL AND CHALLENGING

# *Information security in healthcare*

Quality healthcare is of the utmost importance for everyone. Healthcare spending in the Netherlands exceeds 70 billion euros annually. This money is spent on care of ill people who have a real need for it. A lot of information, complex technology and more and more IT is required to deliver good patient care. This information needs to be accessible quickly and must be reliable, and IT needs to support the provision of quality healthcare as much as possible. Healthcare should always be safe for, and in the best interest of, patients. Good information security and safe IT systems are of vital importance to safeguard this. The healthcare sector has some specific requirements that make information security a challenging task:

- ▶ Patient information (in an EPD, ZIS of HIS) needs to be available for as many healthcare professionals as possible. But how can the balance be maintained in according with privacy?
- ▶ Patient information needs to be available instantly and everywhere. But how can its reliability remain guaranteed?
- ▶ A lot of complex healthcare technology – including many different IT systems – is required to deliver proper healthcare. How safe are these technologies, now and in the future?
- ▶ Healthcare institutions are usually 'open' organisations by nature. How does this impact IT security?

- ▶ As much as possible healthcare funds should be spent on patient care. Does spending on IT and information security qualify as patient care, or is this considered an 'overhead'?

## *In control with Secura*

Secura has worked in information security in healthcare for over 15 years. This is why we uniquely understand, the challenges that you face and we would be delighted to help you address your information security issues efficiently and thoroughly. We work in the areas of people, processes and technology. We offer the following services to assist you and give you peace of mind:

### **NEN7510**

Secura can help you introduce, and test for compliance with, NEN7510. Compliance is important, but we like to go beyond it. Every patient deserves the best possible care, and that includes information security.

### **DigiD Audits**

Patient portals, and for example online patient accounts, need to be annually tested. We would be pleased to help you with this, from performing the penetration test to completing the report submission to Logius by an RE auditor.



*Secura is a professional party who work with us proactively on all manner of IT security related questions. The reports are clearly formulated and very easy to read.*



Ton Bogerd,  
ICT manager at VECOZO



## Privacy

Safeguarding patient privacy is essential for any healthcare organisation. Secura can support you by conducting privacy impact assessments (PIA), compliance with the Bill on Databreach Notifications, and preparing for the European General Data Protection Regulation (GDPR).

## Risk and Security Management

Secura can support your organisation in establishing a security or risk management program based on ISO27005 or Management of Risk (M\_o\_R). Additionally, our ad-interim consultants are available to support you as a security or risk manager in the longer term.

## Security Awareness Training

Humans often turn out to be the weakest link in information security. Secura can help the members of your staff to be more aware of the risks concerning the use of IT.

## Risk Analysis

To gain a thorough understanding of risk, it is necessary to consider people and processes as well as technology. Our risk analysis methods can be applied to a wide range of issues. Whether a migration to Office365 or designing a new internet infrastructure is involved, it is better to chart any risk in advance.

## Ethical Hacking

How safe is your Electronic Health Record, or your database with insurance customers and their claims? How safe is that MRI scanner, WiFi IV pump, internal network, website, or mobile application? Secura can conduct an in-depth security investigation and penetration tests on your behalf.

## References

Secura has worked in healthcare information security for over 15 years. We have worked on behalf of many institutions and organisations, including:

- ▶ (Academic) hospitals
- ▶ Healthcare insurers
- ▶ Mental healthcare (GGZ departments)
- ▶ Government institutions
- ▶ Laboratories
- ▶ Healthcare IT suppliers
- ▶ (Online) pharmacies
- ▶ Manufacturers of medical equipment
- ▶ GP practices

## Interested?

**Would you like to learn more about our services?  
Please do not hesitate to contact us.**



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