

Health

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1 Introduction

In the Dutch health sector a strengthening trend is visible that show increased digitalisation. In particular patient dossiers are computerized and shared electronically. Starting in 2007, the Jeugd Gezondheid Zorg (JGZ) is starting to keep an Elektronisch Kind Dossier for all newborns. Initiatives for the Elektronisch Waarneem Dossier and the Elektronisch Medicatie Dossier have also come off the ground.

Guidelines for the exchange of digital information have been set out by the Wet Boek Persoonsgegevens (WBP) and the rules issued by the College Bescherming Persoonsgegevens (CPB). A Personal Key Identifier (PKI) based authentication scheme for message exchange has been selected, based upon which secure point-to-point communications are established. The NEN 7510 guidelines define and describe prescriptions and practices of relevance, and are to be codified as mandatory by law in the near future.

In the near past much publicity has been raised after an incident in which confidential patient data was disclosed by the Spaarne ziekenhuis by means of 'ethical hacking'. The same hospital, as it turned out, had also seen its networked computer systems infected with computer viruses. In view of the need (and legal necessity) of proper protection of confidential data, additional protection is required to prevent such accidents from happening in the future.

2 Goal

To gain insight in the measure of information security, technical and organisational, within the Dutch health sector, specifically hospitals and care organisations. In view of the financial pressure to which this sector is increasingly exposed (market principle) it is relevant to check the basis for outsourcing security.

3 Product

ON2IT represents Internet Security Systems (ISS), an IBM division. Consultancy firm Gartner classifies ISS as the market leader in the field of Intrusion Prevention technology, an important part of the security chain. Its portfolio further comprises award-winning next generation firewall technology, and several software-based desktop- and server protection packages.

4 Means

ON2IT intends to offer assistance towards NEN 7510 compliance.

5 Task

Defining a concise questionnaire, used to gain a basic assessment of current state of affairs in relevant security aspects. Based upon this assessment, an analysis should be possible that also points to an approach towards compliance to the regulations that will be put into place in the near future.

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