

Health-care Telematics In Germany

[DOWNLOAD HERE](#)

1;Foreword;6 2;Abstract;8 3;Contents;9 4;List of Figures;16 5;List of Tables;18 6;1 Introduction;20 6.1;1.1 Motivation;22 6.2;1.2 Objectives of the Thesis;25 6.3;1.3 Research Methodology;28 6.3.1;1.3.1 Design Science;29 6.3.2;1.3.2 Research Design;30 6.3.3;1.3.3 Design Theory;32 6.3.4;1.3.4 Theoretical Contribution and Research Outcome;33 6.4;1.4 Practical Implications, Users, and Beneficiaries;34 7;2 Healthcare Telematics in Germany with Respect to Security Issues;36 7.1;2.1 German Healthcare;36 7.1.1;2.1.1 Structure of German Healthcare;37 7.1.2;2.1.2 Characteristics of the German Healthcare Sector;38 7.1.2.1;2.1.2.1 Information Exchange and Distributed Information Flows in German HealthcareSystem;38 7.1.2.2;2.1.2.2 Current Problems;39 7.1.2.3;2.1.2.3 Specifics of the German Healthcare Domain;40 7.2;2.2 Information Systems in Healthcare;41 7.2.1;2.2.1 Seamless Healthcare;43 7.2.2;2.2.2 Interoperability, Standards and Standardization Approaches in Healthcare;43 7.2.2.1;2.2.2.1 Communication Standards;46 7.2.2.2;2.2.2.2 Documentations Standards and Standardization Approaches;50 7.2.3;2.2.3 Healthcare IS Architecture Types;52 7.2.3.1;2.2.3.1 Monolithic System;53 7.2.3.2;2.2.3.2 Heterogeneous System;54 7.2.3.3;2.2.3.3 Service-Oriented IS Architecture;54 7.2.4;2.2.4 Implications for Security Issues of Healthcare Information Systems;55 7.3;2.3 Healthcare Telematics;58 7.3.1;2.3.1 Definitions and Objectives of Healthcare Telematics;58 7.3.2;2.3.2 German Healthcare Telematics;61 7.3.2.1;2.3.2.1 Healthcare Telematics Infrastructure;61 7.3.2.2;2.3.2.2 Electronic Health Card;63 7.3.3;2.3.3 Risk and Security Issues of Healthcare Telematics;65 7.4;2.4 Summary;71 8;3 Catalogue of IS Healthcare Security Characteristics;72 8.1;3.1 Legal Framework;73 8.1.1;3.1.1 Privacy;73 8.1.2;3.1.2 Legal Requirements;74 8.2;3.2 Protection Goals;75 8.2.1;3.2.1 Dependable Healthcare Information Systems;76 8.2.2;3.2.2 Controllability of Healthcare Information Systems;78 8.3;3.3 Characteristics of IS Security Approaches with Respect to Healthcare;81 8.3.1;3.3.1 Literature Review;83 8.3.2;3.3.2 Overview of Healthcare IS Security Approach Characteristics;85 8.3.2.1;3.3.2.1 General IS Security Approach Characteristics;85 8.3.2.2;3.3.2.2 General IS Security Approach Characteristics with Reference to Healthcare;86 8.4;3.4 Summary;100 9;4 Analysis of IS Security Analysis Approaches;102 9.1;4.1 Overview;102 9.2;4.2 Review of Literature;103 9.3;4.3 Existing

Literature Reviews;106 9.4;4.4 Theoretical Background;110 9.5;4.5 Systematization of IS Security Analysis Approaches;112 9.5.1;4.5.1 Checklists;114 9.5.2;4.5.2 Assessment Approaches;115 9.5.2.1;4.5.2.1 Risk Assessment Approaches;115 9.5.2.2;4.5.2.2 Security Control Assessment Approaches;117 9.5.3;4.5.3 Risk Analysis Approaches;120 9.5.4;4.5.4 IT Security Management Approaches;121 9.5.4.1;4.5.4.1 The Plan-Do-Check-Act Approach of ISO 27001;123 9.5.4.2;4.5.4.2 Best Practice Models;124 9.5.5;4.5.5 Legislation Accommodations;125 9.6;4.6 Analysis of IS Security Analysis Approaches with Respect to Healthcare;127 9.6.1;4.6.1 Examination of IS Security Approaches with Respect to General IS Security Approach Characteristics;129 9.6.2;4.6.2 Examination of IS Security Approaches with Respect to General IS Security Approach Characteristics with Reference to Healthcare;130 9.6.3;4.6.3 Examination of IS Security Approaches with Respect to Healthcare Specific IS Security Approach Characteristics;132 9.7;4.7 Summary;133 10;5 Designing a Security Analysis Method for Healthcare Telematics in Germany;135 10.1;5.1 Introduction;135 10.2;5.2 Research Approach;136 10.3;5.3 Method Engineering;138 10.4;5.4 Description of Method Elements;139 10.4.1;5.4.1 Method Chains and Alliances;139 10.4.2;5.4.2 Method Fragments;140 10.4.3;5.4.3 Method Chunks;144 10.4.4;5.4.4 Method Components;144 10.4.5;5.4.5 Theoretical Background;145 10.5;5.5 Formal Description of the Co EAN/ISBN : 9783834965196 Publisher(s): Gabler Discussed keywords: Deutschland, Wirtschaft, Gesundheitswesen, Telematik Format: ePub/PDF Author(s): Sunyaev, Ali

[DOWNLOAD HERE](#)

Similar manuals:

[Auer Dult Mnchen Bayern Deutschland](#)

[Donau Oberbayern Deutschland Kleines Donautor](#)

[The Golden-ringed Dragonfly Cordulegaster Boltoni Deutschland](#)

[BRD Deutschland Mecklenburg Vorpommern City Wismar Tower Of The Marien Church](#)

[BRD Deutschland Mecklenburg Vorpommern City Wismar At The Market Square With Water Art Small Tower And The Historical Down Town](#)

[BRD Deutschland Mecklenburg Vorpommern City Wismar At The Market Square With Water Art Small Tower And The Historical Down Town](#)

[BRD Deutschland Mecklenburg Vorpommern City Wismar At The Market Square With Water Art Small Tower And The Historical Down Town](#)

[BRD Deutschland Mecklenburg Vorpommern City Wismar At The Market Square With Water Art Small Tower And The Historical Down Town](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Seabridge In Niendorf Ostsee Lbecker Bucht Deutschland](#)

[Wirtschaftsunternehmen](#)

[Freising Oberbayern Deutschland Domberg Cathedral St. Maria And St. Korbinian Above The River Isar](#)

[Hackescher Markt In The Center Of Berlin, Deutschland](#)

[Brande Hoernerkirchen Near Elmshorn Schleswig Holstein Deutschland Entrance To A House](#)

[Brande Hoernerkirchen Near Elmshorn Schleswig Holstein Deutschland Tower Of The Church With Rooster](#)

[Familiy On A Toboggan Run In Summer Sliding With Toboggans At The Blomberg Near Bad Toelz Deutschland](#)

[Familiy On A Toboggan Run In Summer Sliding With Toboggans At The Blomberg Near Bad Toelz Deutschland](#)

[Familiy On A Toboggan Run In Summer Sliding With Toboggans At The Blomberg Near Bad Toelz](#)

[Deutschland](#)

[Church Tower, Schlosskirche, Castel Church, Saxony-Anhalt, Deutschland, Europe](#)

[Schnoor Viertel, Old Part Of Town, Bremen, Deutschland](#)

[Glienicker Bridge Potsdam, Brandenburg, Deutschland](#)

[Hamburg Harbour, Hamburg, Deutschland](#)

[Gespensterwald Nahe Warnemuende, MVP, Deutschland](#)

[Castle Deutschlandsberg Styria Austria](#)

[Stainz District Of Deutschlandsberg Styria Austria Hauptplatz Main Square](#)

[Bunter Hohlzahn Galeopsis Speciosa, Bayrischer Wald, Deutschland](#)

[Ausdauerndes Silberblatt Lunaria Radiviva, Bayrischer Wald, Deutschland](#)

[Cathedral Ulmer Muenster, Ulm, Baden-Wuerttemberg, Deutschland](#)

[Mariahilf-Platz, Auer Dult, Muenchen, Bayern, Deutschland](#)

[Red Slug Arion Rufus Deutschland, Europe.](#)

[Red Slug Arion Rufus Deutschland, Europe.](#)

[View Over The Gnadensee, Isle Of Reichenau, Baden-Wuerttemberg, Deutschland, Europa.](#)

[An Old Footbridge, Isle Of Reichenau, Baden-Wuerttemberg, Deutschland, Europa.](#)

[The Old Roman St. Georg Church On The Isle Of Reichenau, Baden-Wuerttemberg, Deutschland, Europa.](#)

[The Hohentwiel And The Hegau-landscape - Baden Wuerttemberg, Deutschland, Europa.](#)

[Hegau-landscape In The Evening Light - Baden Wuerttemberg, Deutschland, Europa.](#)

[Green Pollution-free Zone Stuttgart, Baden-Wuerttemberg, Deutschland](#)

[Illuminated City Hall With Historical Christmas Market Hamburg, Deutschland, Europa](#)