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Nota di contenuto	COVER; TITLE PAGE; TABLE OF CONTENTS; 1 INTRODUCTION; 2 PARADIGM CHANGES IN HEALTH INFORMATION SYSTEMS; 3 COMPARING IMPLEMENTED MIDDLEWARE CONCEPTS FOR ADVANCED HEALTHCARE SYSTEM ARCHITECTURES; 4 A GENERIC COMPONENT MODEL TO EVALUATE ARCHITECTURAL APPROACHES; 5 THE ELECTRONIC HEALTHCARE RECORD IN THE ARCHITECTURAL CONTEXT; 6 A SYSTEMATIC APPROACH FOR SECURE HEALTH INFORMATION SYSTEMS; 7 SOME LEGAL AND PRACTICAL ASPECTS OF ASSESSMENT AND USE OF THE RESULTS ACHIEVED IN DISTRIBUTED HEALTH INFORMATION SYSTEMS; 8 SECURITY MODELS FOR OPEN ARCHITECTURE CONCEPTS 9 SECURITY INFRASTRUCTURE PRINCIPLES AND SOLUTIONS10 SECURITY ENHANCED EDI COMMUNICATION; 11 SECURE CHIPCARD-BASED HEALTH INFORMATION SYSTEMS - THE DIABCARD EXAMPLE; 12 A

FUTURE-PROOF CONCEPT FOR DISTRIBUTED INTELLIGENT HEALTH INFORMATION SYSTEMS ON THE INTERNET; 13 EUROPEAN PROJECTS CONTRIBUTING TO THE PAPER; 14 CONCLUSIONS; 15 DEFINITION AND INTERPRETATION OF BASIC TERMS USED; 16 REFERENCES; 17 ANNEX A: NORMATIVE REFERENCES; 18 ANNEX B: LIST OF ABBREVIATIONS; 19 ANNEX C: TRUSTHEALTH-2 PILOT - REQUIREMENTS AND SOLUTIONS FOR THE SECURE ONCONET MAGDEBURG/SAXONY-ANHALT 20 ANNEX D: IMPLEMENTATION OF AN DIABCARD SECURITY ENVIRONMENT21 ANNEX E: EUROPEAN LEGAL FRAMEWORK FOR HEALTHCARE SECURITY; INDEX

Sommario/riassunto	An introduction to the methodology and practice of analysis, design and implementation of distributed health information systems. It includes a special section dedicated to security and interoperability of such systems as well as to advanced electronic health record approaches.

2.	Record Nr.	UNINA9910888050603321
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	Soggetti	Software engineering
		Computer science
		Computers, Special purpose
		Programming languages (Electronic computers)
		Microprogramming
		Natural language processing (Computer science)
		Software Engineering
		Computer Science Logic and Foundations of Programming
		Special Purpose and Application-Based Systems
		Programming Language
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Sommario/riassunto	The open access book set LNCS 14933 + 14934 constitutes the refereed proceedings of the 26th International Symposium on Formal Methods, FM 2024, which took place in Milan, Italy, in September 2024. The 51 full and 4 short papers included in these proceedings were carefully reviewed and selected from 219 submissions. They also include 2 invited talks in full paper length and 10 tutorial papers. The contributions were organized in topical sections as follows: Part I: Invited papers; fundamentals of formal verification; foundations; learn and repair; programming languages.- logic and automata; Part II: Tools and case studies; embedded systems track; industry day track; tutorial papers. .