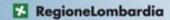
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Regional Service Card
Health & Social Care Information
System
Fulvio Barbarito
Lombardia Informatica





Summary

CRS-SISS Project:

- ✓ Overview
- ✓ The Smart Cards
- ✓ The Project in detail
- ✓ Services
- ✓ The Principles
- √ Figures





Project overview

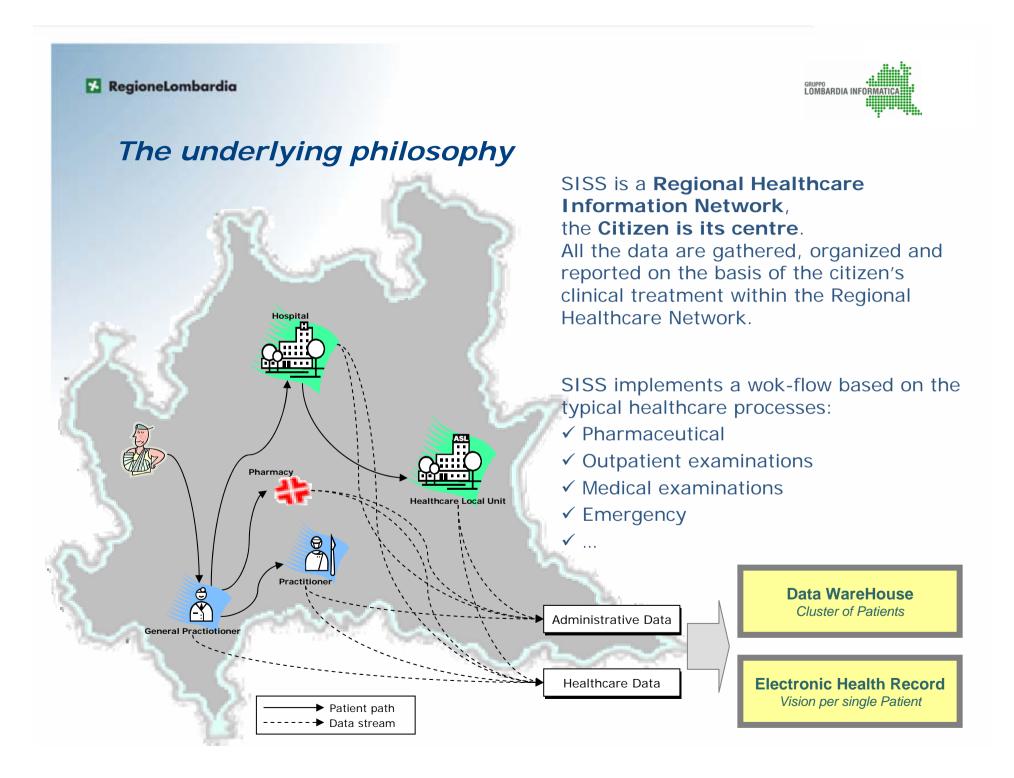
The CRS-SISS is one of the most important Italian e-Government project in the field of Healthcare.

The core of the project is the **creation of a network**, an **'Healthcare Extranet'**, which links operators, social services, organizations and citizens, tracking all the events which occur in the patient treatment (from prescription to administration) and providing value added services.

The project is based on Smart Card technologies, granting access to the Network to both citizens and operators by their personal smart card.





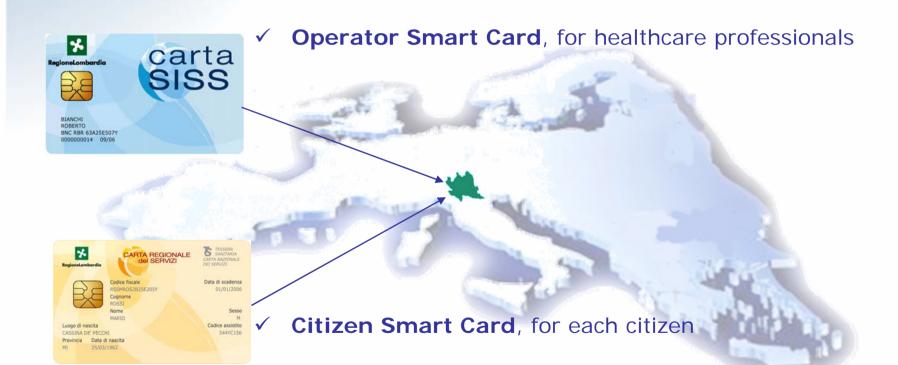


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The Smart Cards

Two different types of smart card have been issued



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The Project Goals

- Improve Services for
 Citizens: reducing the
 "distance" between Citizen and
 HC Services Providers by
 simplifying procedures and
 shortening waiting time
- Improve Governance of Social and HC System managing costs: enhancing planning and controlling instruments (DataWarehouse, Business Intelligence)



- Improve quality of prescription, diagnosis and care

 (appropriateness) processes by
 Citizens' clinical data sharing, through EHR, among qualified HC
 Professionals, securing Citizens'
 Privacy Rights
- efficiency of HC Services

 Providers by a generalized

 diffusion of new technologies

 (digital signature, electronic

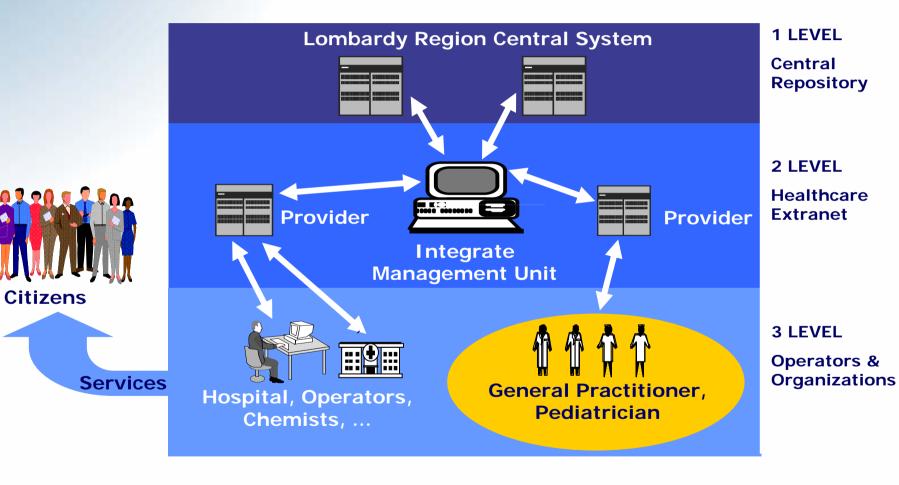
 filing, electronic prescription,

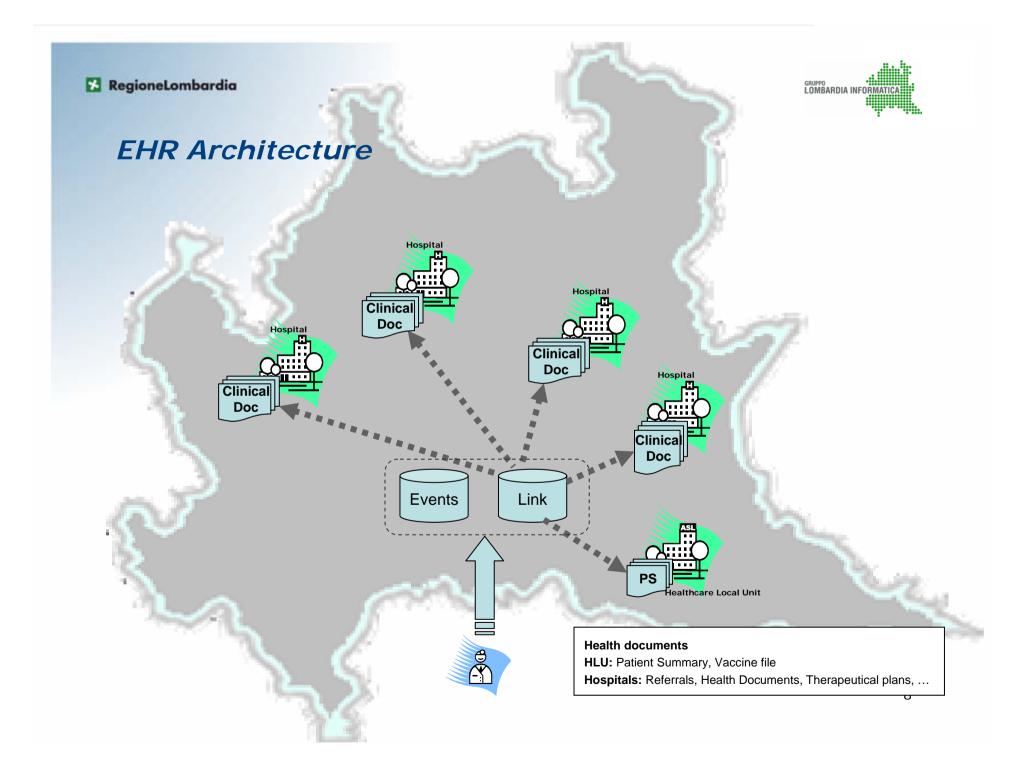
 ...) to dematerialize documents

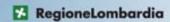




The Project Architecture

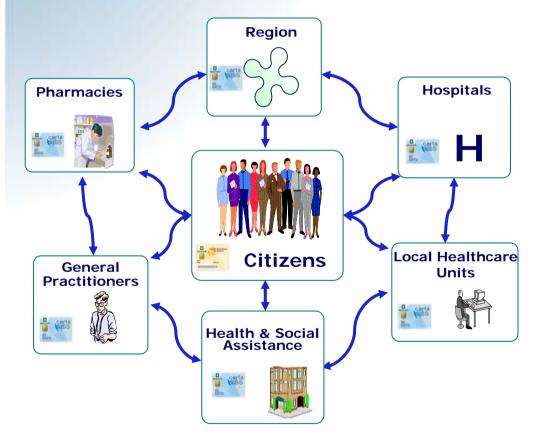








The Healthcare Network



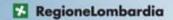
- √9.200.000 Citizens
- √150.000 Operators
- √8.000 General Practitioners
 and Pediatricians
- ✓2.500 Pharmacies
- √15 Local Healthcare
 Assistance
- √34 Public Healthcare Services
 Suppliers
- ✓Over 2500 Private Healthcare Services Suppliers





The Services

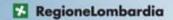
- ✓ Citizen Identification
- ✓ Electronic Prescriptions Management
- ✓ Electronic Health Record (EHR):
 - share clinical data: events, prescriptions, referrals, care profile,
 ...
 - on line access for Citizens and HC Professionals
- ✓ Clinical information exchange among HC Professionals
- ✓ Support to GP's electronic patient dossier
- ✓ Booking Services (for Citizens by internet, GP, Pharmacies, Regional Call Center)
- ✓ Accounting information flow management
- ✓ Electronic signature, mailing system, encryption functionality





Project principles

- ✓ Web technologies
- ✓ Evolution and integration, not replacement, of existing applications
- ✓ Strict enforcement of personal data protection (privacy): high security technologies
- ✓ Process reengineering to improve efficiency.
- ✓ Large deployment of digital signature and electronic documents (dematerialization)





Oct. '07: The results

- ✓ About 9 millions CRS delivered
- ✓ More than 79% General Practiotioners and Pediatricians in the network
- ✓ All Healthcare Local Units and Public Hospitals of the Region have integrated their applications to the network
- ✓ Public Hospitals are generating events, referrals and clinical documents, signed elettronically, into EHR to share data with other operators