ULSS 8
veneto

AZIENDA
ULSS 8 ASOLO

In collaborazione con:
FORUM PA

Con il patrocinio di:
GL⬤BAL FORUM
Shaping the Future
2011

Conference
Cloud Computing
for Digital Healthcare

GIORGIONE: "Giovanni Borgherini e il suo maestro", 1500 circa
Washington National Gallery of Art - "NON VALET INGENIUM NISI FACTA VALEBUNT"

Castelfranco Veneto
Auditorium Ospedale San Giacomo
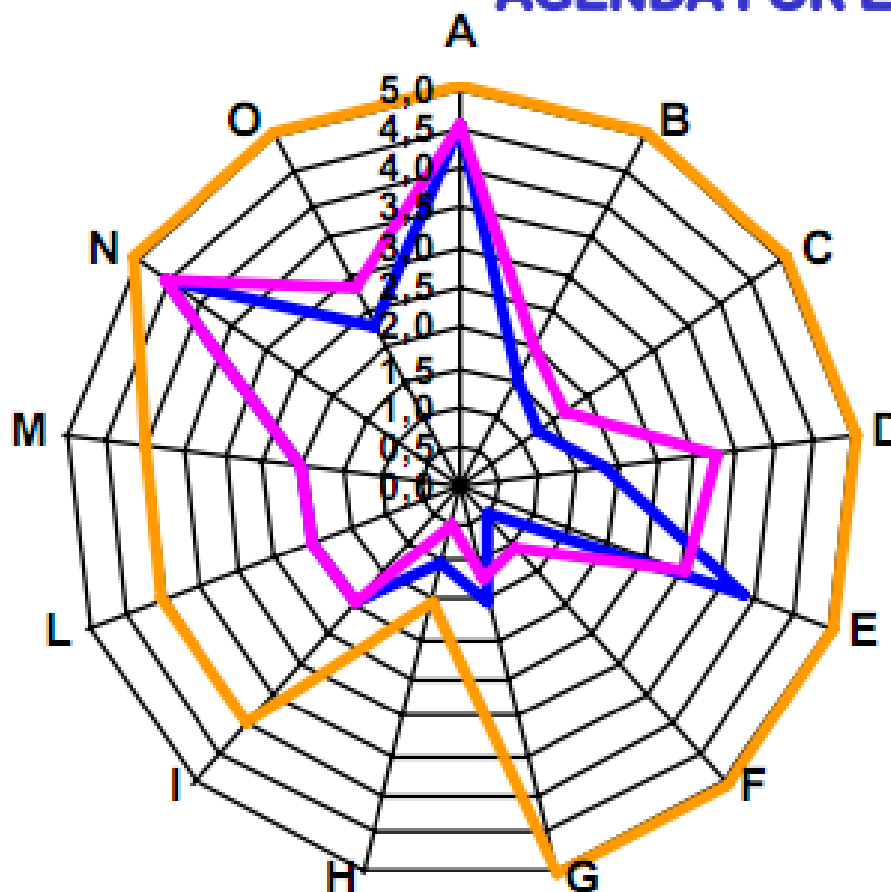Martedì, 18 ottobre 2011/ Tuesday, 18 October 2011

AGENDA DIGITALE EUROPEA
I 13 indicatori

A	Connettività esterna
B	Banda larga > 50 mbps
C	Un solo sistema wireless
D	Una sola cartella clinica elett. (Epr) per tutti i dipartimenti
E	Sistema Pacs
F	Prescrizione elettronica (richieste verso farmacia ospedaliera)
G	Sistema integrato di refertazione (sul CUP)
H	Telemonitoraggio (telecardiologia)
I	Scambio di informaz. sanitarie con centri esterni (accesso al DataBase aziendale)
L	Scambio di risultati di laborat. con centri esterni (accesso al DataBase aziendale)
M	Scambio di dati radiologici con centri esterni (accesso al DataBase aziendale)
N	Regole chiare sull'accesso ai dati clinici
O	sist. di allerta in emergenza (Eas) in meno di 24h

Commissione Europea Rapporto e-Health benchmarking III 2010 (Budapest – Maggio 2011)

ASOLO HEALTHCARE AUTHORITY STANDS OUT IN THE DIGITAL AGENDA FOR EUROPE.

(range da 0 a 5, in cui lo 0 equivale allo 0% mentre il 5 al 100%)

LEGENDA
- Italia
- UE
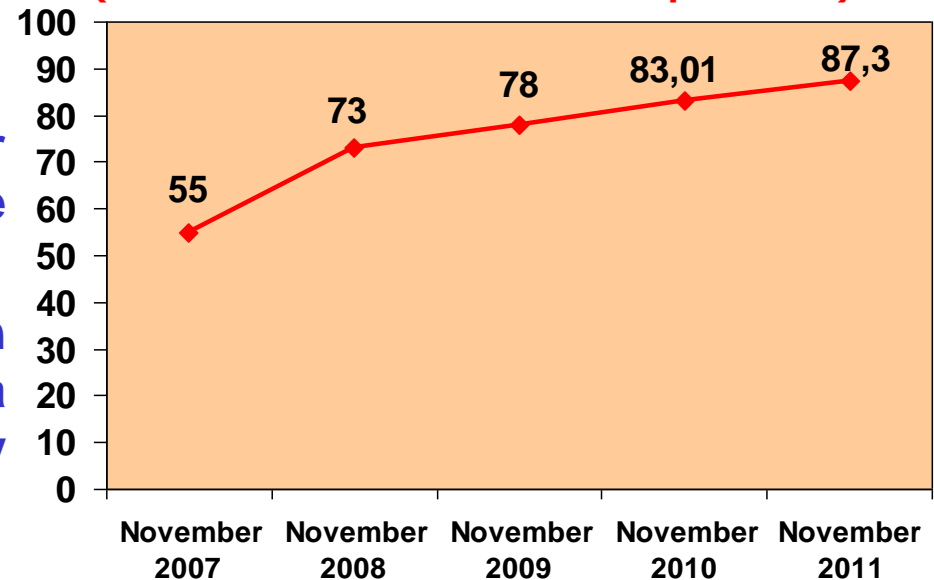- ULSS Asolo

CLOUD-BASED CLINICAL REPORTS FOR MOBILE DEVICES

- **to simplify clinical information;**
- **to reach the patient anywhere in the world;**
- **to connect with the attending physician.**

A solution:

- **necessary for those who live far from healthcare facilities or are unable to reach them;**
- **useful to give every citizen access to their healthcare data repository containing digitally signed documents.**

PATIENTS ACCESS TO ONLINE MEDICAL RECORDS (% of the total medical records produced)

Chart data:
- November 2007: 55
- November 2008: 73
- November 2009: 78
- November 2010: 83,01
- November 2011: 87,3

MEDICAL MONITORING BRACELET CLOUD-BASED TELEMEDICINE

An advanced telemedicine device that incorporates the main functions of medical/vital records monitoring and storage in the electronic personal files of home-treated patients.

- **GENERAL PRACTITIONERS**
- **CARDIOLOGY SERVICE FOR EVERY HOSPITAL FACILITY**
- **PATIENTS WITH NYHA CLASS II AND III HEART FAILURE**

Medical measurements:

- blood pressure monitoring;
- heart rate;
- regular heartbeat;
- one Lead ECG;
- respiratory rate;
- body temperature;
- sensor for blood saturation (SpO2) monitoring.

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THE CASTELFRANCO VENETO CLOUD CHARTER

Recommendations for cloud computing in digital healthcare

1. Redundant **BROADBAND NETWORK**, for the connection between hospitals, physicians, patients and service providers.

2. **ROAD MAP** to move hospital systems into the G-cloud under sustainable economic, management and security conditions.

3. **INTEROPERABILITY** exchange solutions with intra-cloud, inter-cloud, and cloud-ground interface with cloud-based and non-cloud hospital systems.

4. Storage of clinical data in data centers located in a **EU COUNTRY** guaranteeing compliance with Italian regulations.

5. Permanent operative **CONTINUITY** of the systems in the cloud, with frequent stress-testing solutions.

Working conclusions of the Conference on "Cloud Computing for Digital Healthcare", Castelfranco Veneto, 18 October 2011

THE CASTELFRANCO VENETO CLOUD CHARTER
Recommendations for cloud computing in digital healthcare

6. **NO EXTERNAL TAMPERING with clinical data in the cloud.**

7. **Service provider's LIABILITY for clinical data theft, outages, downtime, interoperability failures.**

8. **Evolution of hospital ICT Unit towards SERVICE MANAGEMENT skills.**

9. **Provider's knowlodgement in CLINICAL PROCESS and hospital organization.**

10. **Hospital PRIVACY AND RISK MANAGER for the monitoring of clinical data management, protection and security.**

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