



IBM Industry Solution Center
Global Healthcare Center of Excellence



Entering the healthcare smarter age

Collaborative Partnerships

A smarter health system forges collaborative partnerships to deliver better acute, chronic and preventive care, while activating individuals to make smarter choices.

IBM is promoting a smarter healthcare system where instrumented, interconnected and intelligent solutions make it possible to change the way healthcare works in delivering better care with fewer mistakes, predicting diseases, and empowering people to make good choices.

This system focuses on helping healthcare organizations to deliver **collaborative care** for prevention and wellness, to improve **operational**

effectiveness and to achieve **better quality and outcomes.**

This system is based on the **Health Integration Framework**, a unified software platform, supporting IBM solutions and partners applications, which enables quick solution deployment at lower cost. It leverages an ecosystem of business partners providing key capabilities such as clinical information systems, healthcare analytics and unified communications.

Global Healthcare Center of Excellence at La Gaude



Hosted in the Industry Solutions Center at IBM Forum La Gaude, France, the Global Healthcare Center of Excellence provides subject-matter expertise, best practices for all geographies, clients and partners meeting place

It is a unique place to envision how innovative solutions help solving business needs and challenges, facing globalization, escalating costs, new medicines, as well as aging and overweight populations.

The Center focuses on 3 specific key areas for healthcare with deep industry knowledge:

- Patient centered collaborative care
- Clinical integration
- Enterprise health analytics

Through a **world-class, immersive and collaborative environment**, the Center is the perfect place for the development of new smarter solutions designed to improve care delivery, prevent disease and also enable a more personalized healthcare.

Solutions and prototypes integrate real IT systems with strategic partners and capitalize on the benefits of new technologies such as integration, mobility and traceability.

Examples of assets available at the Global Healthcare Center of Excellence in La Gaude:

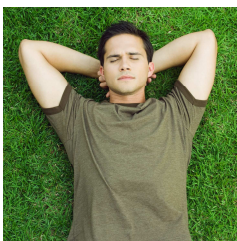
ELECTRONIC HEALTH RECORD (EHR)

Integrating the Healthcare Enterprise (IHE) live interoperability showcase:



Safe exchange of healthcare information across local, regional, national and international healthcare communities based on open and industry standards, such as IHE, HL7 and DICOM.

Healthcare Web Portal:



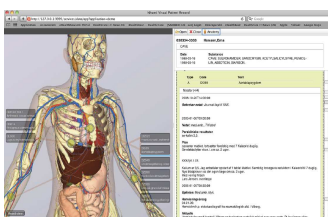
Single secure web portal for physicians or patients, providing access to clinical, financial and administrative information from disparate legacy applications. Real-time integration and single entry point for medical professionals, administrative staff and patients.

Chronic Disease Management Portal:



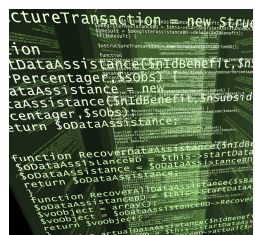
Unique entry point to:
• Share data among professionals and patients
• Encourage the patient self treatment
• Provide tools for the care manager

Nhumi Technologies™ Visualization Tool:



Inter-relate healthcare documents based on their semantics. Use a virtual model of the human anatomy to visualize healthcare data. Builds an intuitive and comprehensive overview of a patient's medical history.

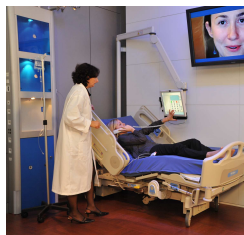
HEALTH ANALYTICS



Tools and capabilities to analyze data across the healthcare organization to improve clinical and business outcomes and results. KPI dashboards for patient safety, quality, research and operations. Enterprise data warehouse.

DIGITAL HOSPITAL

Mobility and Communications:



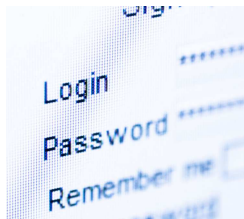
Patient bedside terminal solutions enabling:
• Unified Communications and Collaboration
• Patient services such as hospitality, video on demand, internet access, ...
• Access to clinical applications for professionals

Smarter collaboration in a hospital:



Geolocation in a hospital of patients, medical staff and assets in real time provides the basis for improving the hospital efficiency. RFID Chemotherapy bags track and trace, instrumenting chemical compounds, medical staff and patients provides the electronic means to trace the whole process of producing and distributing bags inside a hospital.

Security Management:



Identity and access assurance: Provide efficient and compliant access for the right people to the right resources at the right time. Data and application security: Protect business information and reputation by safeguarding data.

CONNECTED HOME HEALTH



Based on Continua Health Alliance standards, solution providing Remote Patient Monitoring for:
• Better management of chronic diseases
• Seniors quality of life improvement, by allowing individuals living independently
• Improved health and wellness by making fitness goals more easily attainable

ibm.com/fr/ibmforumlagaude/healthcare

Video: www.youtube.com/ibmforumisc

