

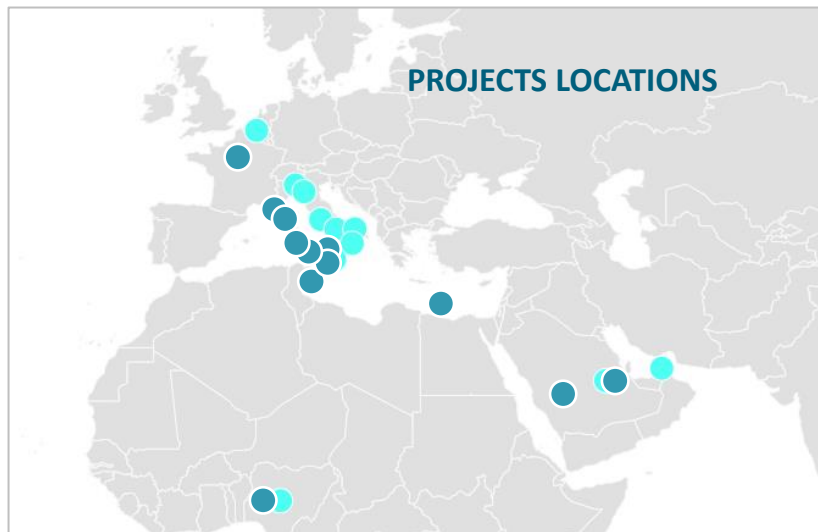
eHealth

2022

ISA Digital Consulting services

ISA Digital Consulting is an independent company, founded in 1994, specialized in ICT Strategy & Architecture, Digital Solution and Human Resources.

We provide our services to organizations to improve the quality and value of their ICT services, thanks to our team constituted and managed by Managers and Consultants from the main international IT Management Consulting companies.



Improvement of the Performance
of the ICT Department

Design and Implementation of
Digital Solutions



Value Proposition

eHealth expertise is included within **Digital Solution Lab** services.

We operate in **Italy, Europe, Middle East** and **Africa** (with projects with the European Commission, the Cyprus Government, the UN, etc.).

With an average of about 100 professionals employed over the last 3 years, ISA success is based on the quality of its human resources, the gender balance in our management team and the attention paid to the clients in terms of satisfaction, reliability, and response times.

ICT Strategy & Architecture

In many industries, **the Technological and Digital function has become a fundamental Driver** for the transformation of companies and represents **an important cost item** that affects profits. In this highly competitive and dynamic scenario, **ISA supports the CIO and IT Management** in governing the various fundamental aspects in the field of IT Strategy & Architecture, and in particular:

ICT Governance & Value

Maximize the potential of digital solutions on the Business Value chain



ATLASSIAN

ICT Compliance / SAM

Maintain full control and alignment of contracts, licensing management and software assurance



IT Cost Management

Govern the processes to map direct and indirect ICT costs with a view to Optimization, Sizing / Efficiency / Flexibility



Cyber Security

Design processes, policies, architectures and solutions for corporate security



Enterprise Architecture

Knowing the architecture of the company to support the implementation of its strategic evolutions



Methodologies and Certifications: ITIL 4 , COBIT 5, TOGAF 9, CMMI, Agile, PMI/PMP, IFPUG CMP 4.3.1, ISO/IEC 20000, 15939, 27001, BSC, EVA, ROI/VOI

Digitalization Competence Centers

The digitalization of business processes implies the adoption of **new products** with a **better user experience**, providing an **improvement of the relationship with customers** and **faster production capability**.

The fundamental aspect of digital business lies precisely in the ability to build that product or service that the business needs.

To this respect, we structured our delivery in competence centers, that combine the expertise in Consultancy services plus the know-how of the integration practices, to better support our clients with a comprehensive approach:

DIGITAL WEB FACTORY

- Web Portal, eCommerce
- Custom Web Application
- Open Source




eHEALTH

- Digitization of Healthcare Processes
- Systems Integration (CCE, FSE, etc)
- Operational and IT Application Support for Hospitals and Private Clinics




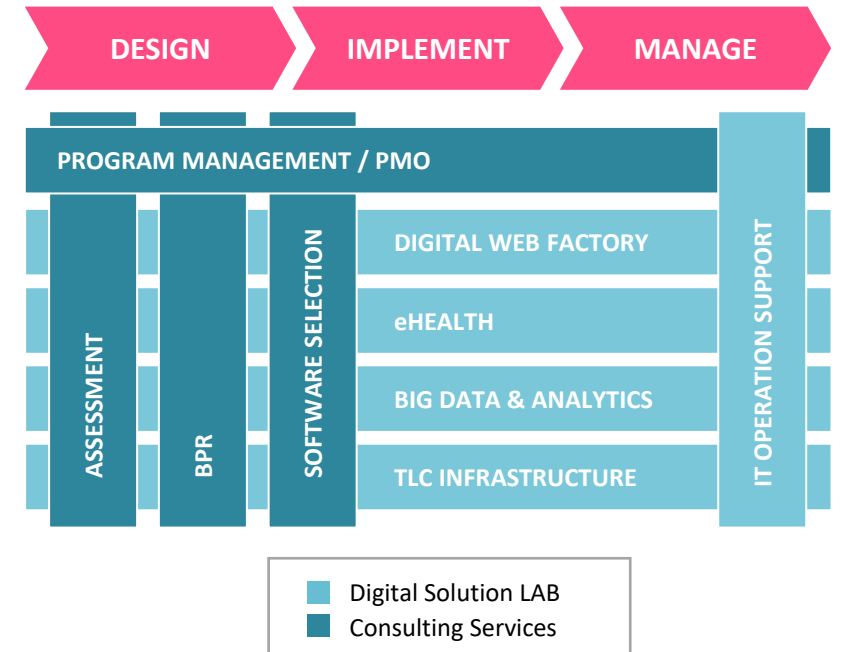
BIG DATA & ANALYTICS

- Data Modeling
- Design DWH
- BI / ETL



ICT & TLC INFRASTRUCTURE & SUPPORT

- Architecture TLC
- IT Operation Support and Systems Management
- Security

Management and integration of healthcare processes

The eHealth competence center is able to develop software for the **management of complex clinical processes**, from the collection of clinical data from certified medical devices (e.g. thermometers, ECG or Patient monitors) to the digitalization of typical business processes, by integrating existing vertical information systems (such as ADT, reservation, Electronic Health Record, Order Manager, Clinical Data Repository, etc.), using health-oriented standards such as **HL7, IHE, DICOM**.

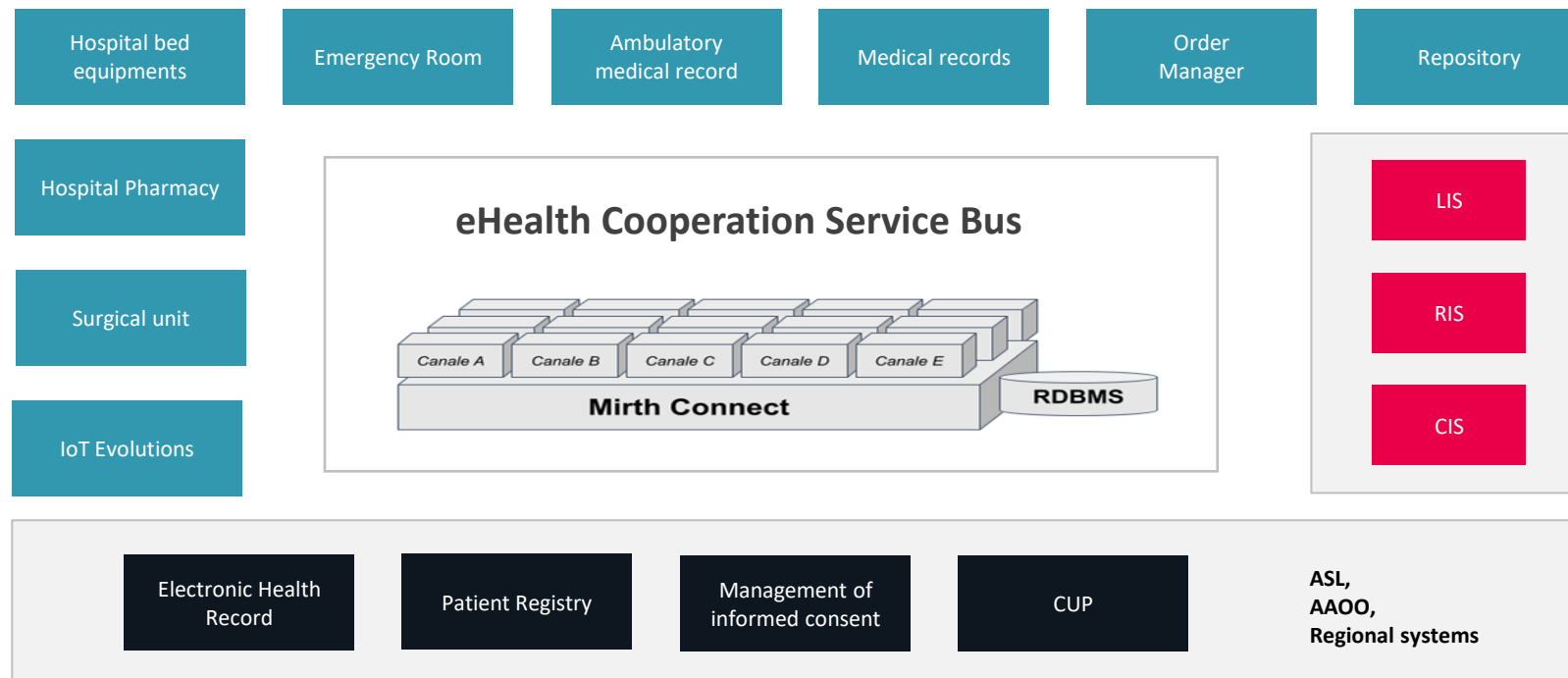
The eHealth competence center exploits the features of the MirthConnect platform to manage and integrate clinical systems with each other, enabling the controlled exchange of data between different systems, providing multiple advantages allowed by the interoperability of different systems.



Management and integration of healthcare processes

Leveraging the standard capability of MirthConnect, ISA Digital Consulting has consolidated a software platform (**Cooperation Service Bus**) that implements the typical situations of cooperation between heterogeneous vertical information systems, both centralized as well as distributed, which occur daily in the healthcare environment, using standards and healthcare communication profiles.

The Cooperation Service Bus is a high-availability, scalable, multi-database platform that is able to interface any system using any protocol, filtering, transforming and dispatching the data as required.



Telemedicine

Wearable remote monitoring: the MOTIVATE solution



MOTIVATE is the name of the proposed WEARABLE solution, which embodies absolutely unique characteristics in the scientific sector of motion analysis:

- **Software for analyzing signals** from inertial sensors.
- **Biomechanical models** based on decades of experience, customizable with both anatomical and functional methods.
- **Customizable sensor fusion algorithms** based on the specific application and environmental conditions (high dynamic applications, applications in the presence of electromagnetic disturbances, etc ...).
- Availability of **new Turingsense inertial platforms** at consumer prices.

[Link to the presentation video](#)

ISA services and experiences in eHealth

2018-2022

PRODUCT	SERVICE	CUSTOMERS
DIGITAL CONSULTING	IT Governance, Processes	<ul style="list-style-type: none">• EU Commission• HIO Cyprus• CSI Piemonte• ASL Frosinone• Regione Toscana
CSB Cooperation Service Bus	Regional systems integration	<ul style="list-style-type: none">• Regione Puglia• ASP Cosenza• ASDAA Bolzano• ASP Ragusa
ART Assisted reproductive technology	Web Portal (Zoho)	<ul style="list-style-type: none">• Regione Campania
COVID ASSISTANCE Swabs and Vaccines	Swabs and Vaccines Monitoring	<ul style="list-style-type: none">• Regione Campania• Pfizer
MYHEALTHtoWEAR Remote physiotherapy with WEARABLE devices	ISA Digital Consulting / TouringSense Consortium	<ul style="list-style-type: none">• EU Commission- INNO4COVID19