INNOVATIVE SOLUTIONS IN

4.0 HEALTH

Information and communications technologies (ICT), simulation using virtual reality techniques and digital processing of images, are technologies offering new opportunities to significantly improve the means and techniques available to Health professionals and will be key in the digital transformation of the sector.

ICTs are a key ingredient for the development of sustainable future health, of high quality, personalized and focused on the patient, located everywhere, and based on medical evidence, which is the new e-Health concept.
OUR CHALLENGE
At GMV, we develop innovative products and solutions to meet our clients’ specific and unique needs, complying with the most demanding quality and safety standards:

- Real-time Telemedicine Systems
- Systems for monitoring and follow-up of patients with chronic multiple pathologies
- TeleRehabilitation Systems
- Exploitation solutions for epidemiological clinical data: Big Data and Smart Data
- Security services and solutions
- Simulation and intraoperative surgery and radiation therapy planning systems
- Medical image processing
- Mobility, humanitarian assistance infrastructures, and emergency management systems.

HEALTH PRODUCTS

**antari** e-Health product suite

- On-line care platform
- Platform for monitoring patients with chronic multiple pathologies
- Platform for exploitation of clinical and epidemiological data
- Platform for monitoring remote rehabilitation programs
- Cloud solution management of digital medical images

**radiance**

- IntraOperative Radiotherapy Planning (IOR) System
SECURITY SOLUTIONS
Offer spanning the complete security life cycle: regulatory compliance, assurance of personal information, protection of equipment and buildings, anonymisation of health data and safety in mobility etc.

DIGITAL HEALTHCARE TRANSFORMATION

PROJECTS

Big Data FOR EXPLOITATION OF EPIDEMIOLOGICAL AND CLINICAL DATA.
HEXIN, platform for the exploitation of clinical and epidemiological data from the Galician Health Service (SERGAS) developed by GMV. Pioneer in its form in a Spanish region, it employs a Big Data infrastructure for clinical evidence.

Big Data FOR BLOOD DISEASES.
HARMONY, a project to improve and customize the treatments of patients with chronic lymphocytic leukemia, non-Hodgkins lymphoma, myelodysplastic syndromes, and infants and children with blood disorders. GMV designs and develops a Big Data massive data analysis platform to assist physicians in decision making.

Big Data FOR DISEASES OF THE MIND.
MOPEAD, project for the scientific-clinical investigation of Alzheimer’s disease. GMV develops a web application based on the concept of Citizen Science for the recruitment of patients with early stage Alzheimer’s disease. Develops and implements a Big Data system for analysis of the data collected from these patients.

COOSALUD COLOMBIA RENEWAL OF ICT AND ANTI-FRAUD SYSTEMS.
Consulting services for implementation in the Subsidized Health Promoter Entity of Colombia, COOSALUD, of a remote computer authorization system.

TELE-MEDICINE TO PREVENT AND CURB FRAGILITY.
FACET, a project that applies the GMV-developed telemedicine platform antari Home Care to prevent and curb functional deterioration of 13.5 million elderly Europeans, through the monitoring and remote supervision.

TELE-MEDICINE FOR PEDIATRIC SERVICE.
KidsCare, service of Pediatric Tele-assistance in schools and nursery schools.

TELE-MEDICINE FOR OPHTHALMOLOGY SERVICE.

TELE-MEDICINE FOR DIAGNOSIS AND PRESCRIPTION OF TREATMENTS FOR CAMPBELL CLINIC, COLOMBIA.
Leading institution specializing in health care for people who have suffered traffic accidents.