A R E A S ®

Platform for the digitization and integration of clinical and administrative healthcare processes.

WHAT IS IT?

AREAS platform has been developed by Engineering to meet the specific needs of the healthcare sector.
AREAS brings digitalization and integration of the clinical and administrative processes of all healthcare organizations.
AREAS is made of independent and configurable modules, that can be arranged to build the specific hospital information system of each organization.

WHAT DOES IT DO?

Supports medical and administrative staff in the managerial, organizational and operational activities of healthcare (Prevention, Diagnosis, Care, Assistance, Administration and Control, HR). Integrated with healthcare organizations' information systems.
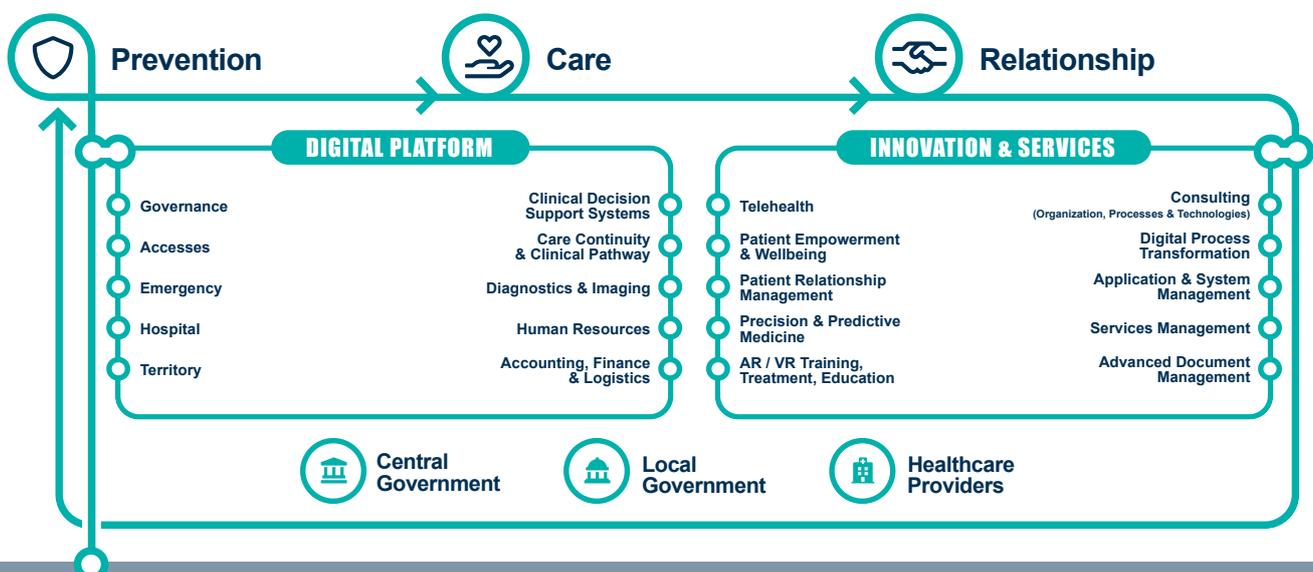
ENGINEERING

HOW DOES IT WORK?

APPLICATION AREAS:

- **GOVERNMENT**
  Systems for clinical and economic-financial governance

- **ACCESSESS**
  Systems for programmed or emergency access to care pathways

- **HOSPITAL**
  Systems for clinical-hospital activities

- **TERRITORY**
  Systems for prevention and assistance services on the territory

- **DIAGNOSTICS**
  Systems for laboratory and services medicine management

- **ADMINISTRATION AND CONTROL**
  Siystems for administrative and control management

- **HUMAN RESOURCES**
  Systems for human resources management and development

		Patient Registry & Index	Official data Flows & DSS	Electric Patient / Health Record (EPR/EHR)
	Scheduling	Admission, Discharge and Transfer (ADT)	Emergency Room	Emergency Medical Service (EMS)
Electronic Medical Record (EMR)	ICU Medical Record	Outpatient	Operating Theater	Physician Order Entry (CPOE)
			Health District	Prevention
	Laboratory (LIS) "OPENLIS"	Pathological Anatomy "WINSAP 3.0"	Blood Trasfusional "ELIOT 3.0"	
			Accounting & Budget	Assets, Procurement & Logistics
Electronic Employee Record	Attendance	Payroll	Organization & Competencies	

BUSINESS FRAMEWORK:

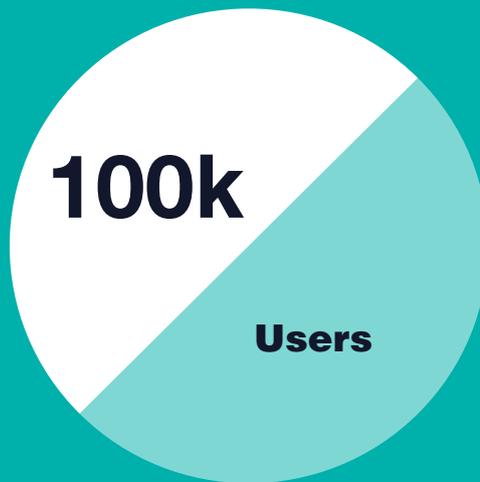| Business Intellicence	Enterprise Application Integration	Workflow Management	Document Management	Single Sign On

E-HEALTH: PORTFOLIO MAP

Prevention → **Care** → **Relationship**

DIGITAL PLATFORM

- Governance
- Accesses
- Emergency
- Hospital
- Territory

- Clinical Decision Support Systems
- Care Continuity & Clinical Pathway
- Diagnostics & Imaging
- Human Resources
- Accounting, Finance & Logistics

INNOVATION & SERVICES

- Telehealth
- Patient Empowerment & Wellbeing
- Patient Relationship Management
- Precision & Predictive Medicine
- AR / VR Training, Treatment, Education

- Consulting (Organization, Processes & Technologies)
- Digital Process Transformation
- Application & System Management
- Services Management
- Advanced Document Management

Central Government **Local Government** **Healthcare Providers**

ENABLING SERVICES

Technology & Cloud Services	Business & User Services	IT Consulting	Mobile Applications	UX & Service Design	Digital Communication & Strategy

ENABLING TECHNOLOGIES

AI & Advanced Analytics	Cloud	Cybersecurity	IOT	Robotic Process Automation	AR / MR / VR	Blockchain	Digital Twin

AREAS

WHERE DO WE APPLY IT?

Used by 60% of public health facilities.

150
Customers

100k
Users

1000
Installations

WHAT VALUE FOR OUR CUSTOMERS?

SPECIALIZATION

AREAS is specifically designed to improve healthcare processes.

INTEGRATION

AREAS integrates the data of the entire information system and those of regional or national projects.

SUSTAINABILITY

AREAS optimizes available resources by improving the care processes and the sustainability of healthcare systems.

FLEXIBILITY

AREAS is a modular system that adapts to the different needs of each organization and its evolutions.

CUSTOMIZATION

AREAS can be customized in every aspect of user interface or operating logic.

COMPLIANCE

AREAS is continuously aligned with international industry standards and national and European legislation.

KEY CLIENTS

- Veneto Region
- Lombardy Region
- Emilia Romagna Region
- Tuscany Region
- Marche Region
- Lazio Region
- Campania Region
- Sardinia Region
- Turin Local Health Authority

- Hospital "Zucchi" - Milan
- Bologna Local Health Authority
- Modena Local Health Authority
- University Hospital S. Andrea - Rome
- Hospital "S. Giovanni - Rome
- Rome Local Health Authority

- University Hospital "Federico II" - Naples
- Hospital "Cardarelli" - Naples
- University Hospital "S. Giovanni & Ruggi" - Salerno
- Lecce Local Health Authority
- Enna Local Health Authority

TECHNOLOGICAL FEATURES

CLOUD
Available on-premise or Cloud/Saas

INTEGRATION
with third party applications

CROSS-PLATFORM
available for main operating systems and browsers

WEB & JAVA-TECHNOLOGY

N-TIER SOA ARCHITECTURE

WEB SERVICE ORIENTED

RICH CLIENT WEB 2.0

INDEPENDENT DATABASE

MULTILINGUAL

ENGINEERING

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