Health Care
Doctor
Hospital
Pharmacist
Nurse
Dentist
First Aid
Surgeon
Emergency

22.02.35.2

MEDICAL

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MEDICAL

NGH
NEXTGENERATIONHIS

ADVANCED TECHNOLOGY, INTEGRITY AND FLEXIBILITY

NGH (Next Generation HIS) is the new generation hospital information system of the GPI Group.

NGH is available on a **Cloud platform**, moreover, it manages, administers and coordinates clinical activities, processes and the personnel. NGH can be **accessed on the internet** (during the testing period too), it is compatible with all present browsers and it **does not require installations**, nor configurations or on-site interventions.

The system **adjusts** to the different working needs in different hospitals: each structure selects and activates only the modules it actually needs. The same approach is used with costs: the amount charged depends on the real use.

NGH is a **multilingual and multicultural** system, which enables users and operators to view the interface and insert the information using the language they prefer.

GRUPPO
GPI

MAIN FEATURES

IT **ADMINISTERS AND COORDINATES**
THE 3 MAIN ACTIVITIES OF A HOSPITAL

CLINIC — management of inpatients and outpatients

ADMINISTRATION — accounting, stocks, inventory management

PERSONNEL — from working hours to shifts organization

> It is provided with a **CONTEXTUAL ON-LINE HELP** both for operators and for users/patients.

> It is in line with the **IHE** (Integrating the Healthcare Enterprise) **INTEROPERABILITY STANDARDS**.

STRENGTHS

INTEGRITY
It manages clinical activities and administrative processes and it coordinates the personnel

INNOVATION
A Cloud platform replaces the traditional software

ADAPTABILITY
Only the modules that are going to be used, will be activated

SAVINGS
The amount charged depends on the real use, there are no on-site interventions

SPEED
It can be activated on the internet (it is compatible with all present browsers), no installations/configurations are required

TECHNOLOGY

FRONT END: HTML5 / ANGULAR JS / CSS3

> Simple and efficient design, compatible with all present browsers, no installations/configurations needed

BACK END: JAVA EE, MONGODB

> Solid and reliable framework, compatible with the most common rdbms

HIGH AVAILABILITY: DISASTER RECOVERY AND SERVICE CONTINUITY

> **Fail over**: if a node fails to work, active services and sessions are immediately restored on another node

> **Load Balancing**: balanced distribution of the amount of requests among all network nodes

Installation REQUIREMENTS

> **Local servers** at the clients' headquarters
> **Cloud Service** provided by the GPI Group