Exprivia is a global company and the market leader in Italy in process consultancy, technology services and Information Technology solutions. Continuous investment in research and development has made us the reference partner for creating innovative solutions that meet the increasingly sophisticated needs of our customers.

Listed on the Italian Stock Exchange since 2000 and in the STAR MTA segment since October 2007, Exprivia has a team of more than 1800 individuals, located in its headquarters in Molfetta (Bari) and throughout its offices in Italy (Trento, Vicenza, Milan, Padua, Turin, Piacenza, Genoa, Rome and Palermo) and abroad (Spain, USA, Mexico, Guatemala, Peru, Brazil and China).

Exprivia developed an integrated management system that is compliant with the UNI EN ISO 9001, UNI EN ISO 13485, UNI CEI ISO/IEC 20000-1 and UNI CEI ISO/IEC 27001 standards, enabling efficient management of business processes and ensuring the utmost transparency both within and outside the organization.
Exprivia Healthcare IT is the Exprivia Group company that specialises in products for the healthcare market with innovative management and control solutions at the regional level, for local services provided by Local Healthcare Providers (ASL) and for hospital care.

With a focus on the patient and the ongoing improvement of the health services provided, we have developed IT solutions and services in 500 hospitals and healthcare centres for a total of 20 million patients; this is the result of our daily commitment, guaranteed by a team of 350 professionals, along with our thirty years of experience in the healthcare sector.

Exprivia Healthcare IT is also currently the only Italian company with over 15 years of experience in the field of voice recognition having developed, with the contribution of professionals in the medical sector, the best automatic speech recognition solutions for the healthcare sector. With over 7000 installations in over 500 hospitals, Exprivia Healthcare IT is the undisputed leader in Italy and is also present overseas through its network of qualified partners. Technological innovation and top-quality services are the foundations of the company’s growing success.

As well as ISO 9001 quality certification, Exprivia Healthcare IT has also developed a quality management system compliant with the ISO 13485 Medical Device standard, used in the development and delivery of its clinical components, which includes management and clinical risk monitoring procedures specifically designed for software solutions.

**e4cure** is our solutions suite that allows all of the individuals involved in regional healthcare to be connected by a single network, from healthcare facilities to primary care physicians to accredited private facilities, also offering online services to the public.

The suite meets all the needs of the healthcare market and consists of approximately 40 application modules.

At regional level these include the management of public and private structures and the management of debt information, personnel, epidemiological records and local health and social care.

For Healthcare Providers **e4cure** assists clinical-healthcare management through inpatient, outpatient and emergency forms, medical records, RIS/PACS applications and Automatic Speech Recognition.
The need to guarantee patient care while limiting overall expenditures requires a **reliable management of the healthcare system**, mainly at the regional level.

First of all, management means understanding the phenomena, through complex systems able to acquire all the necessary information from the local area.

This can only be carried out through extensive projects, able to harmonize and standardize the information flow of the entire system.

**Il Sistema Edotto**

Edotto is the Health Information System developed by Exprivia Healthcare IT for the Region of Puglia. Edotto puts all accredited public and private health care providers onto a network, enabling co-operation between the various health care facilities and the sharing of information assets.

Edotto can be used effectively in various regional and local organisations throughout Italy (Local Healthcare Providers, Vast Areas, Federations) in support of hospital and community care pathways to manage expenditures and control resources.

The components of Edotto are integrated in a natural way with the components of the e4cure suite dedicated to patient diagnosis and treatment.

**Edotto in Numbers**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Local healthcare providers</td>
</tr>
<tr>
<td>2</td>
<td>University hospitals</td>
</tr>
<tr>
<td>2</td>
<td>Public research hospitals</td>
</tr>
<tr>
<td>2</td>
<td>Private research hospitals</td>
</tr>
<tr>
<td>700</td>
<td>Accredited private facilities</td>
</tr>
<tr>
<td>3,000</td>
<td>General practitioners in the regional healthcare system</td>
</tr>
<tr>
<td>42,000</td>
<td>Employees of the regional healthcare system</td>
</tr>
<tr>
<td>4,089,000</td>
<td>Citizens assisted</td>
</tr>
</tbody>
</table>
Scientific and technological innovations in medicine have accustomed us to significant and sustained improvements in the fields of diagnosis and treatment.

The clinical specialist, operating in a continuously evolving field, requires highly sophisticated technological support: **flexible**, to follow the path of scientific progress, **specialised**, to meet each special need, **integrated with multimedia tools**, to incorporate and share the wide range of devices and resources employed in the clinical practice.

**DIAGNOSTIC MANAGEMENT SYSTEMS**

Exprivia’s systems are based on components that respond in an organic and integrated way to the information needs of contemporary medicine.

In particular, they natively integrate tools for the acquisition, storage, display and analysis of images and records from hundreds of different medical devices, allowing all relevant clinical professionals to **consult the biometric data**, both inside and outside the healthcare facilities.

All of the systems that support the clinical activity are also based on highly sophisticated configuration tools, which allow the **parameters** and **information** that each specialist intends to handle to be easily defined. This can take place directly at the healthcare facility without the need for programmers, allowing the client to adapt the system to meet their specific needs.

The picture is completed with the integration of **automatic speech recognition** technologies, a sector in which Exprivia has established itself as the undisputed leader in Italy, providing systems for the dictation of medical reports and clinical documents integrated with clinical management applications for over 15 years.
Clinical hospital practices include operations divided into different and complex activities, a large number of mobile users and a considerable amount of hands-on work.

The only way to develop tools that can be integrated into a clinical practice, rather than upsetting it, is through modern principles of interactive design, with an extreme attention to ergonomics and the user experience, a careful analysis of clinical risk, the use of touch technology, voice recognition and mobile tools.

Doctors and nurses work actively in the hospital, performing manual operations with a clear priority in mind: to care for the patient.

In this perspective, the electronic tool should be an easy to use and effective “discreet” means of support.

Electronic medical record

Thanks to the cooperation of a multidisciplinary team of clinical experts, industrial designers and computer programmers, Exprivia has developed a highly innovative electronic medical record system known as eWard.

The eWard environment did not originate as an application, but as a smart medical device focused on the User Experience in the clinical operating environment, oriented on the use of a touch screen and based on the concept of the system’s proactive approach to the user.
Demographic trends are showing a progressive increase in the population over the age of 65, a figure that contrasts with continuous cuts in the healthcare budget.

The only solution that can manage this gap is to offer care directly in the area.

Therefore, the elderly, frail persons and the chronically ill should be assisted at their home, limiting the need for hospital care to a minimum.

This will only be possible if all the players involved, including the hospital staff and local healthcare workers, the general practitioner, the patient and relatives can share information and participate together in the clinical and caregiving process.

**Innovative Projects**

Mobility, home care, territorial medical records, portable biometric devices and geolocation are the areas in which Exprivia Healthcare IT is working as part of several research initiatives. Starting with the Integrated Home Care form of the Edotto system, Exprivia Healthcare IT is implementing a set of applications and mobile apps to expand the virtual space of healthcare to the local territory, with the aim of maintaining and increasing the effectiveness of healthcare by making it possible for systems, devices and operators to share information.

Some of these projects worthy of mention include:

**MA4C (Mobile Assistant for Care)** a mobile assistant for smartphones and tablets to support the work of local healthcare assistants

**Metabolink** a personal assistant designed to help patients to control their diet, lifestyle and prescribed therapies.
EXPRIVIA HEALTHCARE IT’S SOLUTIONS THROUGHOUT THE WORLD

EXPRIVIA WORKS WITH OVER 500 HEALTHCARE ORGANISATIONS AND PRIVATE AND PUBLIC HOSPITALS AND 8 REGIONAL HEALTHCARE ORGANISATIONS THROUGHOUT ITALY.

EXPRIVIA WORKS WITH 40 HOSPITAL CLIENTS IN NORTH, CENTRAL AND SOUTH AMERICA.
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