



# E-HEALTH IN NORMANDY

## NORMANDY - CONNECTED HEALTH

### E-HEALTH INDUSTRY

15 000  
Jobs

2  
Teaching Regional Hospitals  
(Caen & Rouen)

60  
hospitals

922  
healthcare structures

5 034  
health professionals

1 200  
public sector researchers  
in healthcare

**International expertise**  
on Chip, software, sensors  
& wearable medical devices

**A pilot house  
for experimentation** dedicated  
to elderly persons MDAP

**An open territory**  
for real new digital in situ  
experimentations with the public

### MAIN COMPANIES

MURATA • NXP Semiconductors  
Evamed • Bodycap • Ophimali  
Posi Cube • Catel • Datexim  
Starnav • AZNetwork  
W2Net • Medgic Group  
Ideaquest • Eff'Innov  
Technologies • Orange • Fostinno  
7medical • Advanced Track and  
Trace • Blinksight • EasyCare  
Soft Telemonitoring Services •  
V@si • Docapost • Luciom

Normandy, considered as the cradle of Secure Electronic Transactions is home to the E-Secure Transactions cluster.

As a spearhead for high technology in Normandy, the cluster provides innovative solutions and develops skills and expertise in several fields related to daily life such as e-health and wearable medical devices.

Professionals from the health care sector and ICT companies are currently working with the cluster to develop collaborative and innovative projects in the following domains:

- ▲ Enabling seniors with age related dependencies or disabilities to live independently at home,
- ▲ Tele-Health applications in hospitals, retirement homes and clinics,
- ▲ Health data safety and interoperability.

### INNOVATION, RESEARCH & DEVELOPMENT

▲ **PRIS  
(PÔLE DE RECHERCHE ET  
D'INNOVATION EN SANTÉ : HEALTH  
RESEARCH & INNOVATION CENTER)**  
(<http://bit.ly/2aFiakO>)

It is a new scientific infrastructure located in the teaching Hospital of Caen where companies can collaborate with different health research units of Caen Normandy University. Today, it hosts two R&D units - UMR S-1077- "neuropsychology and functional neuroanatomy of human memory" & UMR-S-1075 "COMETE Lab" involved in the cognitive processes studies for mobility, particularly for attention and orientation purposes. One floor is dedicated to house companies involved in e-health applications.

▲ **E SECURE  
TRANSACTIONS CLUSTER**  
(Pôle TES - [www.pole-tes.com](http://www.pole-tes.com))

The E-Secure transactions cluster (Pôle TES) aims to make Normandy a land of excellence in e-health. Led by Dr. Jean-Pierre Blanchère, the "e-health" department aims to promote e-health innovation, encourage co-innovation between digital and healthcare and to support actors of the healthcare system in their digital revolution. These actions

are fully compatible with the new French industrial plan "medicine of the future."

▲ **CIREVE**  
([www.unicaen.fr/cireve/](http://www.unicaen.fr/cireve/))

The interdisciplinary center of virtual reality is a technological platform of the University of Caen Normandy working on the promotion and support of the use of virtual reality in research.

▲ **IRIB  
(INSTITUTE FOR RESEARCH AND  
INNOVATION IN BIOMEDICINE)**  
<http://irib.univ-rouen.fr/>

The Institute for Research and Innovation in Biomedicine is a federative structure of research regrouping all the resources of biomedical research in Rouen-Normandie. The objective of this Institute is to develop a high-level biomedical research focused on the understanding of disease physiopathology and the development of new diagnostic and therapeutic tools resulting from the complementarity of clinicians, biologists and chemists of Rouen University.

# TRAINING



## ▲ NORMANDY UNIVERSITY ([www.normandie-univ.fr](http://www.normandie-univ.fr))

2 050 research professor, 750 formations, 70 000 students including 18 000 master students and 5 200 engineering students. A specific University degree on E-health.



## ▲ MEDICAL TRAINING CENTER ([www.mtc.chu-rouen.fr](http://www.mtc.chu-rouen.fr))

MTC Rouen Normandy provides a wide range of cutting edge medical techniques in optimal learning conditions.



## ▲ ENSICAEN ENGINEERING SCHOOL ([www.ensicaen.fr](http://www.ensicaen.fr))

780 students. 5 departments: Computer science - Electronics & applied physics - Material science & chemistry - Mechanical & material engineering - Industrial engineering.

Computer science department: Computer science, Security, Image processing.

Electronics and applied physics department: Microelectronics and communication devices.



## ▲ INSA ROUEN (<http://bit.ly/2ayzF5m>)

Department Information Systems Design: The ASI Department of INSA has an objective to train engineers with technical capabilities in computer sciences, the information processing, and the electronics and physics field.



|                                     |                                |                              |  |
|-------------------------------------|--------------------------------|------------------------------|--|
| E-SECURE<br>TRANSACTIONS<br>CLUSTER | 150<br>Members<br>and partners | 255<br>Certified<br>projects | 650<br>Millions euros<br>invested in R&D |
|-------------------------------------|--------------------------------|------------------------------|--|

# SERVICES & SUPPORTS



## ▲ NORMAN HEALTHTECH NETWORK ([www.healthtech.lafrenchtech.com](http://www.healthtech.lafrenchtech.com))

This thematic network federates the startups of the e-health, biotech and medtech sectors.



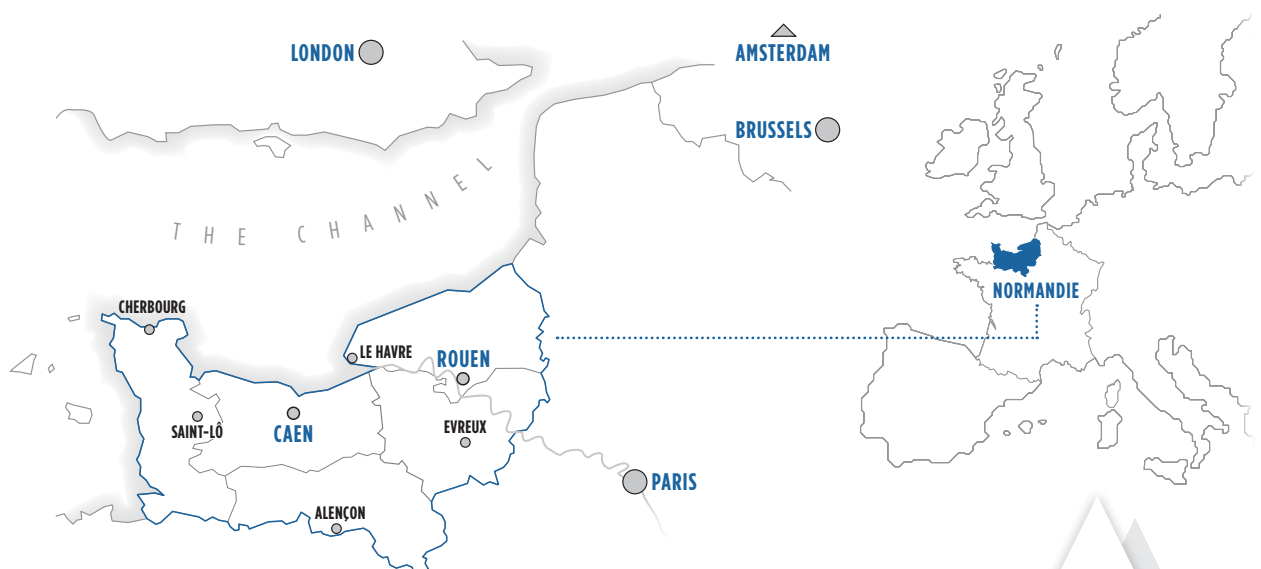
## ▲ TECH SAP OUEST ([www.techsapouest.com](http://www.techsapouest.com))

This association federating different players for developing innovative projects in the healthcare sector by using new technologies & developing experimentation.



## ▲ AD NORMANDIE ([www.adnormandie.fr](http://www.adnormandie.fr))

AD Normandie (regional agency for economic development) works closely with companies and research institutes by supporting their innovative projects and improving local competitiveness. Representative of Business France Invest in Normandy, AD Normandie extends a whole range of services to foreign investors setting up their businesses in Normandy.



## CONTACT

**Julia LOUIS-CHARPENTIER**

[julia.louis-charpentier@adnormandie.fr](mailto:julia.louis-charpentier@adnormandie.fr)

Phone: +33 (0)2 31 06 78 74

