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digit-all

healthcare

Digital solutions for the healthcare sector

Patient services

How to ensure a better patients & visitors experience in the hospital?

Clinical services

How to efficiently improve the process of care? How to limit the risk of errors? How to save caregivers time?

How to offer the most appropiate solutions in line with the staff's and hospital's expectations?

How to get ready for the best & most pertinent home care services?

Digital operating room

How to manage multimedia flows (imaging, video and audio) inside and outside of the OR?

How to optmise the workflow in the digital OR?

How to capture and manage all videos and images?

Communication & collaboration

How to offer didactic tools for better collaboration?

How to optimize the management of meeting rooms?

Patient services	Clinical services	Digital operating room	Communication & collaboration
Queue management & self check-in	Mobility & tracking	Multimedia management	Mixed & augmented reality as-a-service
Wayfinding	Telehealth	Videoconferencing	Real-time internal collaboration
Infotainment	Instant messaging	Workflow optimization	Intelligent delivery services
	Home care IoT solutions	Control room management	Digital signage & CMS

Patient services

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Queue management & self check-in

Improve waiting experience

- Make waiting experience better for visitors and patients
- Reduce waiting times and lines at the reception, at the registration

Better inform

- Provide real-time information on waiting times
- Guide the patient/visitor towards the right location, desk, department

Speed up the subscription process

- Allow visitors to subscribe autonomously
- Order administrative documents immediately from the kiosk

Virtual reception

Wayfinding

Improve satisfaction

- Guide patients and visitors inside the hospital building
- Assure greater patient/visitor comfort upon admission
- Reduce time to find the waiting room, the doctor's cabinet, the restrooms, etc.

Complex building environment

Multi-site locations

Infotainment

Entertain patients

- Allow an easy access to entertainment services and educational programs
- Support patients in staying in touch with family and friends
- Improve the reputation of the hospital

Clinical services

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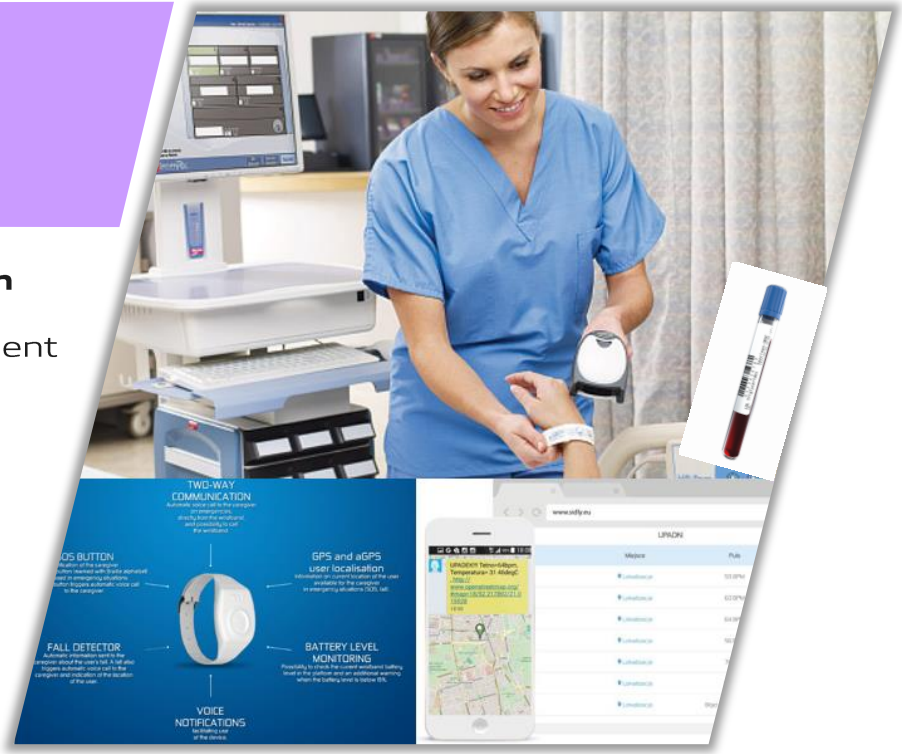
Mobility & tracking

Have direct access to patient information

- Have immediate online access to the HIS
- Avoid manual transcription of medical/patient information

Receive, consult, update and share information anywhere, anytime

- Improve the exchange of information between the medical staff and the patient



Telehealth

Improve health outcomes

- Enable easy access to clinical services
- Empower patients to play an active role in their healthcare
- Allow specialists to serve more patients

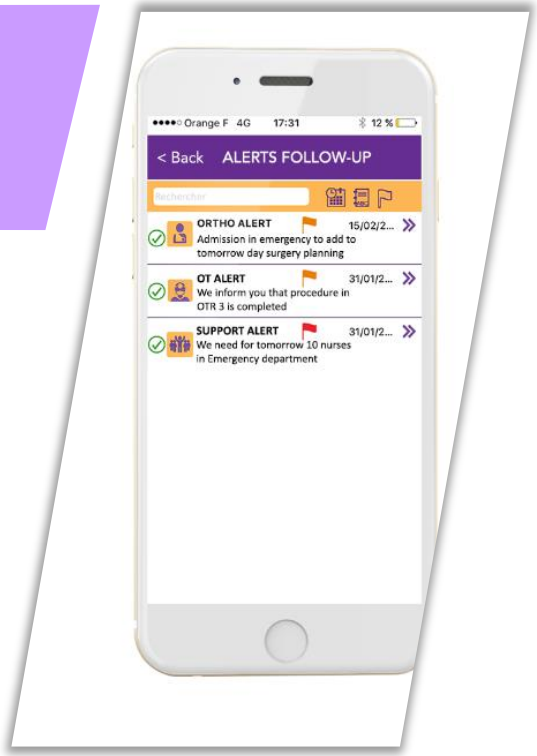
Lower costs of care

- Reduce high cost hospital visits through home monitoring programs
- Have less costly treatments thanks to patients diagnosed and treated earlier

Instant messaging

Indoor alerting mobile solution
Achieve more efficient communication workflows

- Sharing in real time of critical, needed information among stakeholders from different departments



In more than 50% of medical errors, communication problems are central

Nurses can spend up to 2 hours locating the right people or supplies

Homecare IoT solutions

Monitor patients in real-time

- Monitor patients on a continuous basis
- Allow patients to check & share their health factors with the medical staff

Improve disease management

- Access real time information
- Enable caregivers to take the right decisions
- Cut down on hospital residence and re-admissions

Digital operating room

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Multimedia management

- Manage all medias
- Have 1 dedicated recording system for all modes (operating room)
- Easy integrate PACS*
- Have 1 central dedicated server system for non-conventional radiology
- Mobility

*PACS: Picture Archiving and Communication System

Videoconferencing

Enable richer and more immediate care team collaboration

- Optimize clinical efficiency with scalable centralized monitoring, interactive patient care and care team collaboration with clinical decision support

Immediately access the right care provider

- Click-to-consult simplicity for clinician-to-clinician consultations with EHR and diagnostic device integration

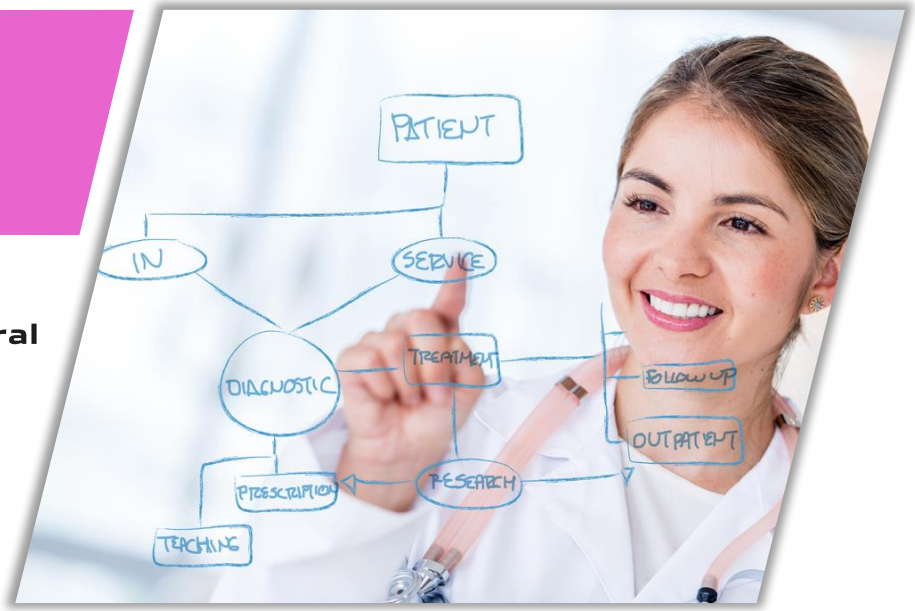
Training

Remote expertise

Workflow optimization

Optimize the planning, control the patient flow, manage the emergency, share a central dashboard

- Interventions alerts
- Room occupancy rate
- Pathway of the patient
- Optimization on demand
- Booking of an intervention
- Alert import protocol



Control room management

Improve patient safety through real-time dashboarding & data analytics

- Reduce complications by 30%
- Reduce room turnover time by 25%
- Reduce post-operational infections by 20%

Communication & collaboration

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Mixed & augmented reality as-a-service

Embrace mixed & augmented reality

- Engage with digital content and interact with holograms in the world around you. Communicate, visualize & instruct in a far better manner.
- Connect people on a medical intervention (surgeons,etc.) wearing smart glasses with remote observers, in order to help completing tasks, give on-site training, be mentored by seniors.

Enjoy our as-a-service offering

Econocom is the exclusive Microsoft Partner for Hololens in Belux.

Real-time internal communication

Bring presentations, interaction & co-working to the next level

- Make use of immersive scenarios in medical training and education
- Optimize your presentations and make your meetings dynamic and efficient.
- Make your hospital more attractive for medical staff

Intelligent delivery services

Improve patient & medical staff satisfaction

- Manage deployment, swap, spare part for medical material
- Allow delivery of medication, urgent deliveries outside opening hours
- Automate logistic processes (LIOS – last inch operating system)
- Focus on a quality last mile delivery

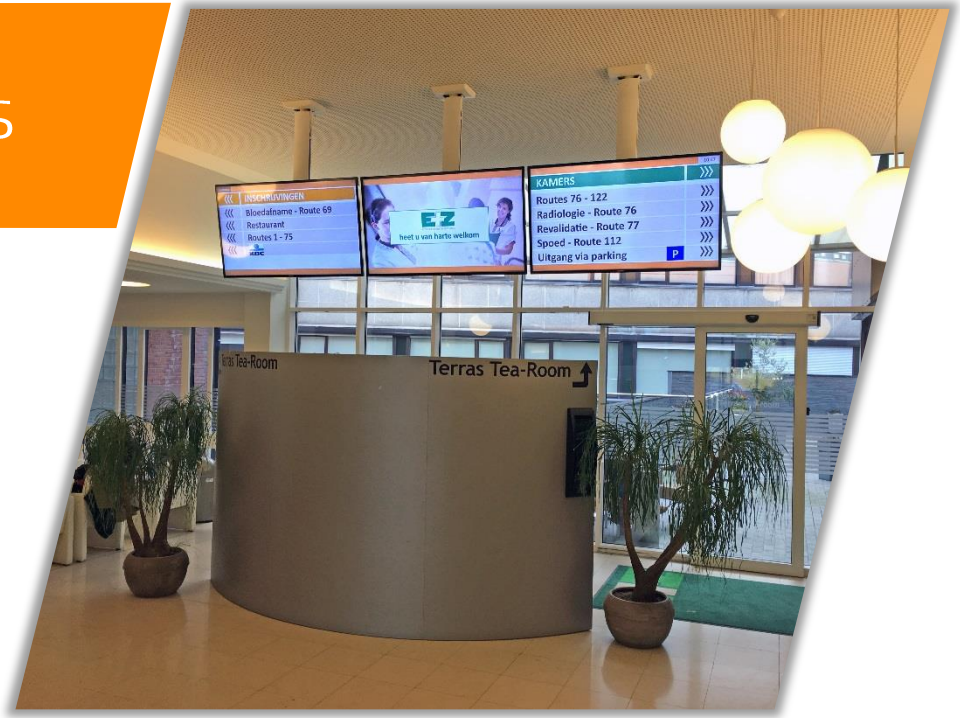
Make use of new business models

- Innovation through business financing
- As-a-service offerings towards end-users (patients, employees)

Digital signage & CMS

Support your new way of working strategy

- Training rooms
- Reception
- Brainstorm rooms
- Meeting rooms
- Collaboration rooms
- Board rooms



They trust us

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A comprehensive integration solution for a hospital 2.0

HÔPITAUX ROBERT SCHUMAN

To take advantage of digital technologies and improve the quality of services for increasingly demanding patients, Robert Schuman Hospitals Luxembourg called on Econocom to effect its digital transformation by incorporating new technologies into the reception and treatment of patients. Econocom deployed a number of projects tailored to patients' and medical staff's uses and needs.

Kirchberg hospital is part of the Hôpitaux Robert Schuman, the largest hospital group in the Grand Duchy of Luxembourg.

- Implementation of a comprehensive digital package including:
  - **supply and customisation of equipment**: 400 IPTVs in the patient rooms, 130 tablets for e-learning programs for staff, tablets for patients, 125 medical carts, etc.
  - **deployment and integration** into the existing infrastructure and maintenance
  - charged as a fee per asset per day
- Immediate benefits:
  - for patients: **increased comfort and services**, access to the hospital's customised, informative, educational contents
  - for medical staff: easier access to information, **access to personalised patient records**
  - for the hospital: presents **a modern image** to the community of medical experts.

integrated digital solutions

with no disruption to medical services

revolutionised care in a transformed hospital

connected, well-informed, responsible patients,
a 2.0-style treatment offering
ideal for collaboration and sharing expertise

Permanently up-to-date patient records to ensure the best care

Erasmus, a teaching hospital affiliated with the University of Brussels, chose Econocom to assist with the digital transformation of its care units. Econocom offered a paperless solution for patient data and provided an "all-in-one" station on the mobile carts used by healthcare professionals.

- **Supply of "all-in-one" ergonomic and hygienic medical stations** featuring a high definition touchscreen, fast processor, removable batteries and a webcam all on the same unit
- **Smooth deployment** implemented in stages at the hospital's pace so as to avoid disruption
- For the client:
  - a tool for **accessing, updating and enhancing patient data securely, at any time and from anywhere in the hospital**
  - **no more data duplication** or entering information twice

an "all-in-one" solution

63 medical stations

custom-designed, operational 24/7 and ultra-light

possible future projects

200 extra carts to be rolled out

Digital transformation of a hospital

Econocom, as Grand Hôpital de Charleroi's main financial and technology partner, contributed to the hospital's major digitalisation project, providing financing, roll-out and business continuity for new-generation healthcare equipment.

- A **new economic model** allowing the hospital to turn fixed costs into variable costs ("pay as you grow")
- **Improved patient well-being** (enhanced content, childcare information booklets, videoconferencing with friends and family)
- **Optimised patient care and reduced costs** thanks to new working processes (shorter consultation times, direct access to electronic health records via the terminal)

235 smart bedside terminals

featuring entertainment and access to the HIS for the medical staff

7 digitalised, connected convalescent rooms

State-of-the-art technology for surgery

C.H.U. *de Charleroi*

Econocom provided Charleroi university hospital with equipment and maintenance for eleven of its operating theatres and a neurosurgery unit featuring a state-of-the-art multimedia flow management solution.

- **A pioneering technology adoption strategy** to ensure more efficient, securer patient care
- Digitalised operating theatres as part of **a "paperless hospital"** policy: all surgical procedures are recorded in the hospital's PACS*
- **Optimised surgical practices**: internal and external communication via videoconferencing for remote expertise and training
- **Modern, open communicating technology** that can incorporate the hospital's in-house solutions

11 operating theatres

1 neurosurgery unit

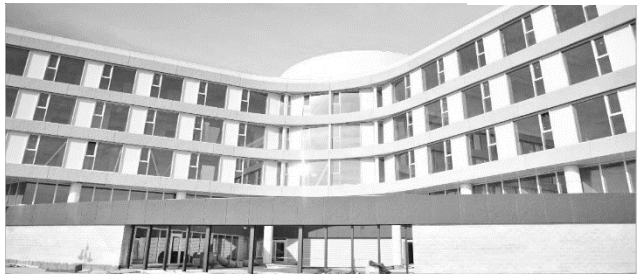
training for hospital staff

for the new solution provided by Econocom

*PACS: Picture Archiving and Communication System

A fully-digitalized operating quarter at new Delta hospital

Econocom fully digitalized 29 operating theatres at new Delta hospital in Brussels (CHIREC).



- **Optimised surgical practices & visual comfort** thanks to ultra-high resolution images projected on different screens. Captured images and videos are recorded and synchronized with the PACS*
- **Last-generation videoconference system that allows** live collaboration, remote expertise and training
- **Last-generation technical medical equipment**
- Special **training** organized by Econocom for hospital staff

29 operating theatres

*PACS: Picture Archiving and Communication System

Why Econocom

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Governance of your digital project

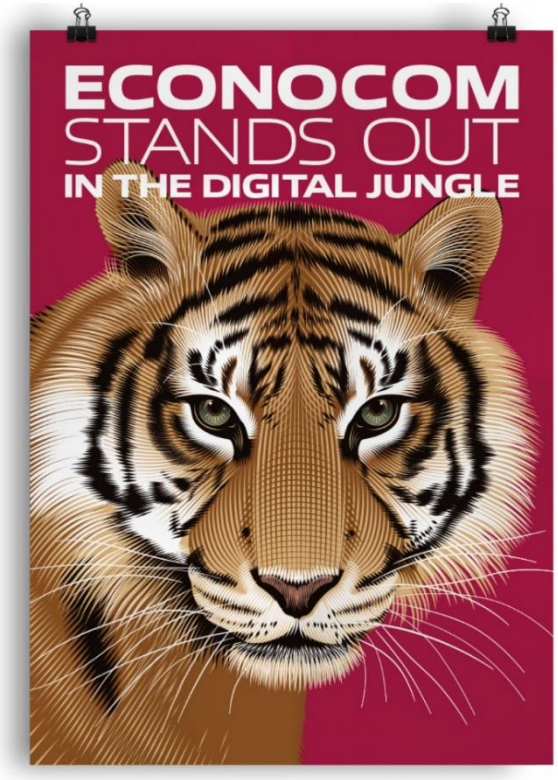
Modular solutions – End-to-end solutions – Tailor-made solutions

Development & adaptation of the ecosystem	Integration & deployment	Exploitation

Financing

Support in the analysis and the calculation of the ROI
Flexibile financing, without impact on equity, without mandatory restitution
Financing solutions with services and simplified administration
Payment as-a-service – payment per patient, per day

ECONOCOM: A MAJOR EUROPEAN DIGITAL TRANSFORMATION PLAYER



€3.0bn
revenue in 2017

over **40** years' experience

19 countries

7 million technology assets managed

10,700 employees

Visit our Digital Healthcare & Experience Centers

Interested in a visit?

For Belgium & Lux :
marketing.be@econocom.com

For France :
Digital.center@econocom.com

Horizon Park
Leuvensesteenweg 510/80
1930 Zaventem
Belgium

11 Square
Léon Blum
92800 Puteaux
France

Reference player in digital transformation

Reference player in digital transformation

A DEDICATED TEAM FOR HEALTHCARE

- Thorough understanding of your/sector's needs
- Consultants with multiple competences
- Technical & financial specialists

TURNKEY DIGITAL SOLUTIONS

- Comprehensive, tailored solutions
- Preference for open standards and technologies
- Integrated solutions, offering the possiblity to upgrade, to adapt in the future

A COMPREHENSIVE APPROACH

- A single point of contact
- Modular solutions
- Way of payment offered as « as a service », « pay per use », « pay per patient »

A SPECIALIZED METHODOLOGY

- Continuous technological monitoring
- Multi-manufacturer expertise
- Over 40 years of experience and expertise

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