Digitomedica

We connect and integrate with only 1 platform about 90% of all brands of patient monitoring equipment, respiratory devices and medication pumps in the market

We develop tools to visualize and exploit continuous waves and vital signs



All hospitals need to optimize their human and technological resources through digital transformation

Open multi-brand connectivity and integration platforms are the key technology required to make this possible, as they break silos between care services, and allow access to all data from medical devices, anywhere, and at any time.

Visualization, alarm management and analysis tools are built on top of such platform, making it available to clinical and nursing staff according to their functional needs and clinical protocols

Digitomedica

What do we do?

- We implement IoMT platforms that connect patients and medical devices inside or outside the hospital
- We develop applications, visualization and advanced analytics with the data we collect.
- We identify, evaluate and redesign protocols with the data captured by our platforms

How do we do it?

- Connecting, integrating and exploiting any vital signs data generated in any medical device at any point along the healthcare path, inside or outside the hospital.
- Applying consulting tools such as Lean, Six Sigma and Design Thinking to help identify inefficiencies that follow from not having the right information at the right place.

C- Level team



Juan Jauregui





Vicent Bas





Enric Llopis



David Baker



Our solution

IoT platform:

Connects medical devices

Processes and stores signals, and has an integration engine to pass discrete data to thirdparty systems, like HIS.

Clinical management applications:

Use the data that is pulled out from this devices, real time at 200Hz, to provide visualization and analyzed data to cover the clinical needs of each service.





IOMT Platform: Total Connectivity

- Capture and homogenize wave data, technical and physiological alarms, configuration parameters and vital signs of any medical device
- Manufacturer diagnostic, driver's library for more than 300 devices
- Storage of all information in a mixed data model.
- Scalable architecture with horizontal load balancing and unlimited number of supported simultaneous beds.
- +170 vital signs and supported wavesConectividad Total



IOMT Platform: Full interoperability

- NET Core REST API with authentication through AD or JWT. It allows the input and output of data through https calls.
- ASP .NET WebService, webservice with SOAP 1.2 messaging for admissions, transfers and discharges.
- HL7 inbound ADT. HL7 2.5-2.7 ADT messaging input interface for patient demographics and administrative activity.
- Supports ADT messages A01, A02, A03, A08, A11, A12, A13, A31 and A40.
- HL7 outbound ORU 2.7, data output in HL7 2.7 standard
- Total Interoperabilidad

IoMT Platform: Benefits

- The platform allows access and stores the data generated from medical devices, so that the center can use them for their exploitation.
- The platform can be used as the integration engine with corporate departmental systems, ensuring that any new technology acquired is compatible with the system.
- The platform allows hospital informatic systems to simplify their integration management: one platform for all devices.
- Given that the integration layer is bidirectional (from platform to HIS and from HIS to platform), data from, for example, microbiology or pharmacy services can be integrated into dashboards or Command Centers for comprehensive hospital management for monitoring indicators of Quality of care.
- Clinical Management Applications provide visualization and data analytics personalized for different care services

Check some of our most sucessfull Clinical management applications

MVIEW Central: Central Nursing Station





WorkStation: Advanced care for ICUs

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Digitomedica

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1392 Bed installed

300+ Monitoring equipment

13 R&D Licences

Global Prescence

France and germany 25 beds HPP Hospital Marseille 1 R&D Kliniken Köln 36 beds Hôpitaux Robert Schuman 16 beds Hôpital de Libramont

Canada y Sur America 4 R&D St. Michel's Hospital 2 R&D Royal Columbian Hospital 1 R&D McMaster Children's Hospital 50 beds Hospital Británico de Buenos Aires Paices Nordicos 234 beds Sunderby Hospital 291 beds Sairaala Nova 38 beds Jalkarannan Sairaala

España y Portugal 56 beds Hospital Vall d'Hebrón 42 beds Fundació Althaia **218 beds** Hospital Clínic 1 quirófano Hospital Doctor Josep Trueta **7 guirófano** Hospital de Bellvitge 2 quirófano Metro Sud Viladecans 32 beds Hospital Parc Taulí 48 beds Covid-19 Hospital Parc Taulí **100 beds** Hospital de Bellvitge **10 beds** Hospital de Granollers 35 beds Consorci Sanitari de l'Anoia 60 beds Hospital Lucus augusti, Hospital general 100 beds Hospital da Luz 25 beds Hospital Fernando Fonseca

I am Juan Jauregui Becker

Let's meet

Let me explain you our system and its benefits

Let me offer you a demo to try our system out

Let's work together!

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