eHealth

Remote and collaborative environment

Telemedicine and telediagnosis
system

altice labs

What is Medigraf?

Medigraf is a medical communication and collaboration solution, created for health professionals in various areas.

Manage daily processes in remote medical practice

Medigraf allows conducting medical appointments via videoconference, through a simple Internet access. This includes analysing complementary means of diagnosis in real time, even when the patient and the health professionals are in different places.

The solution provides remote healthcare services, offering a collaborative environment with videoconference and clinical data sharing possibilities. Medigraf allows health professionals to work remotely as a team for a shared diagnosis regardless of the distance between them.

This platform can become a daily healthcare tool, by efficiently answering doctors' needs and favouring effective network collaboration through Web 2.0 technologies, enabling the implementation of new communication and cooperation paradigms.

Medigraf represents a new generation of Telemedicine platforms, facilitating the access and distribution of clinical information as well as collaborative communication, anytime, anywhere.

Who benefits from it?
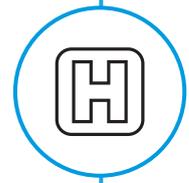
Health organizations, regardless of their size
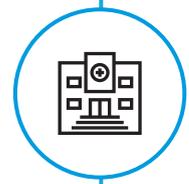
Health Ministries

Medical schools or other health training institutions

Business benefits

• **Reduced umber of unnecessary patients' emergency evacuations or doctors' travels;**

• **Reduced "door-to-needle" time;**

• **Increased knowledge sharing and in obtaining second medical opinions:**
  • Possibility to share medical cases;
  • Possibility to share and edit images of exams or videos in real-time.

• **Medical schools or other health training institutions.**

Why Medigraf?

Medigraf allows these professionals, and health institutions in which they work, to manage their daily processes in a more practical and fluid way, as well as to answer the specific needs of remote medical practice.

Along with a set of management features regarding users and appointments, it also enables videoconferences between several places on the planet, as long as they have Internet access.

This is actually the feature that allows, on one hand, answering to the lack of specialized healthcare professionals in remote areas with better diagnoses and treatments and, on the other hand, reducing costs that come with the constant travels of doctors and patients.

Discover Medigraf

Medigraf's core features are the ability to share clinical information in real time and the possibility of collaborative/simultaneous viewing of complementary means of diagnosis by several healthcare professionals (e.g. real-time transmission of high quality ultrasounds, to ensure correct clinical evaluations).

Collaborative Web environment

- Access, management and distribution of clinical information;
- Scheduling, management and distribution of medical appointments;
- Sharing and discussing second medical opinions.

Synchronous and Asynchronous communication services

- Videoconference, chat and e-mail messages;
- Real-time sharing and editing of DICOM files, as well as archiving or sharing digital images and medical reports;
- Synchronous and asynchronous diagnosis.

Real-time communication tool
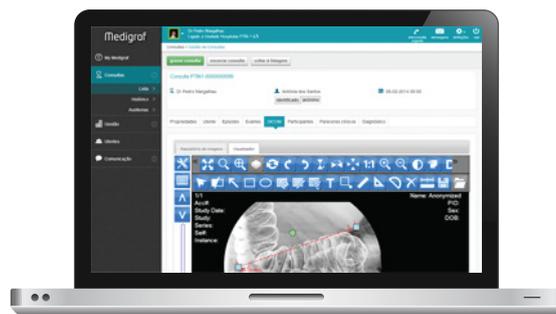
Sharing and editing DICOM image

Daily work tool

- Management of patient's file and history;
- Schedule management;
- E-mail, reports and indicators;
- Can be integrated with PACS, hospital information systems and devices for complementary means of diagnosis (e.g. mammography unit, EEG, ECG);
- Simple access through the computer or tablet (iOS or Android), without the need to use a specific workstation.
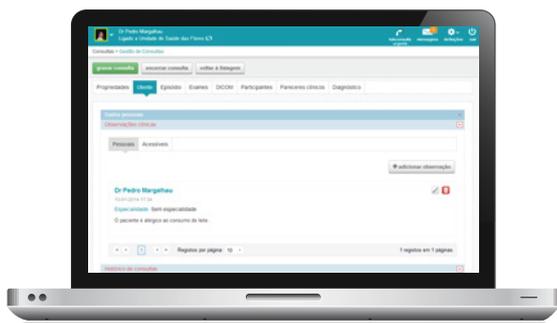

Review patient's history
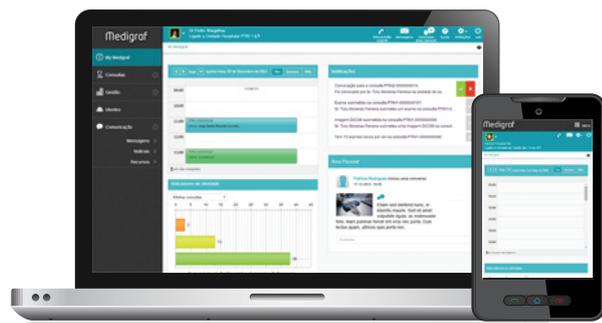
Access from several devices

The architecture

The variety of institutions that integrate the health network are all interconnected and linked to the application server, thanks to a dedicated VPN connection.

After system authentication, health professionals may engage in direct synchronous communication with each other, using videoconference, without having to go through the application server.

This solution can be established based on Intranet and/or Cloud scenarios.

Medigraf

Health Unit 1   Health Unit N   Administrator
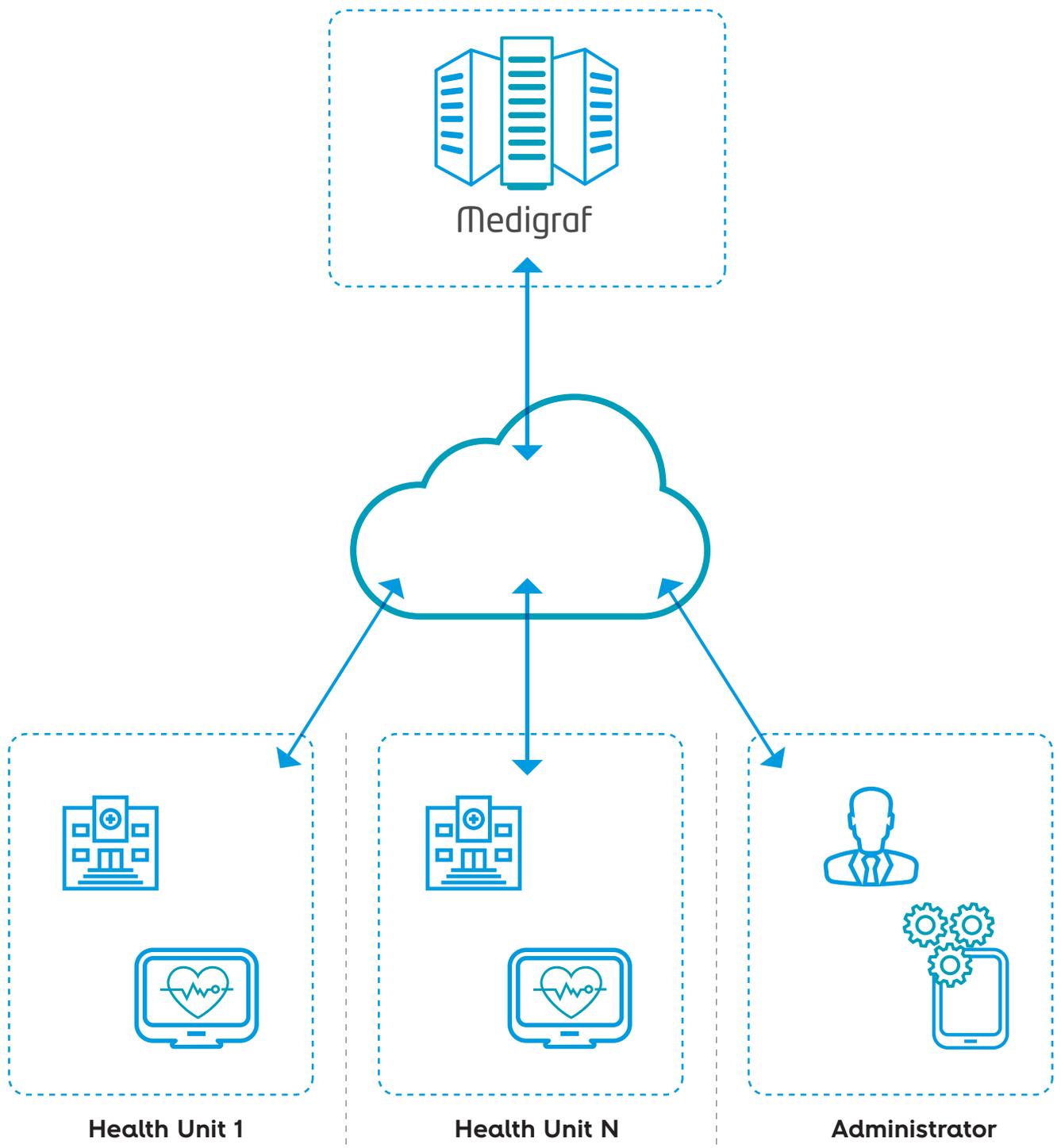
Awards

AfricaCom 2013 – "Changing Lives" Category

It acknowledges an initiative with significant impact in African community and telecommunications, contributing to its economical and social development.

Broadband Infovision Awards 2013 - "Changing Lives" Category

The Broadband Infovision Awards are considered one of the most prestigious when it comes to recognizing excellence in the Broad Band Market.

Finalist in the Digital Humanitarian Category, in TM Forum's Excellence Awards 2014

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About Altice Labs

Delivering key telecommunications technologies since 1950, Altice Labs has been shaping the future of technology, enabling Communications Service Providers and Enterprises to offer advanced and differentiated services to their customers and users.

Altice Labs is an innovation and transformation catalyst supported on a strong and dynamic Innovation Ecosystem. Through technology, we are committed to improve people's lives and the way in which companies do business.

www.alticelabs.com