VISION
computer applications

Company Profile

*"Let's change the world healthcare …
together"*

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Vision Computer Applications plans, implements and supports intergraded Information and Communication Technology solutions (Turn Key Solutions), mainly to the Healthcare sector, taking always under consideration the higher quality standards.

By following an innovative organizational structure from 1992 until today, the company managed to successfully accomplish its primary target, fulfilling its clients' needs, by offering reliable solutions that are based in innovative technologies.

Throughout its twenty and more years of operations, Vision Computer Applications showed consistency, credibility and innovation in practice. All these characteristics allowed the company to outperform and participate in the technology evolution among the competition.

The successful corporate philosophy and business practice are supported by the continuing client support, the quality of the offered products and services, the right utilization of all company resources and its persistence for continuing development in order to fully serve market needs.

Vision Computer Applications **produces** Electronic Health Record (EHR) information systems since 1992. The company's executives come from the medical informatics sector with several years of experience. They all have worked out important studies, and carried out major IT projects in private organizations, Large and Medium size businesses, hospitals and private clinics, public sector organisations, with the complete support and collaboration of distinguished scientists in the each field.

"The Electronic Healthcare Information Systems we produce, are based on our outstanding technical know how and the field experience of our MD Consultants."

Our vision for each of our product is to create the connecting link between an Electronic Medical Record (EMR) and a Personal Health Record (PHR), to bring closer patients and doctors, and help people to organize better their personal health information integrating characteristics of social services.

All of our products are differentiated from existing EMR (Electronic Medical Records) applications, targeting a large growing global market, offering a social character to its users. Each product succesfully concetrates to an extensive analysis of our clientele's needs and not to templates that will need hours of customization and high costs. The solutions we give are always best value for money.

In the vision of a patient-centered healthcare, our brand new HealthBox product keeps a patient centered philosophy in focus, making it easy for all users to use it, along with

doctors playing the most significant role. This is the why HealthBox differs from any existing EMR or PHR tool. Through the use of a series of innovative technology applications, is offering an advanced service that targets the needs of patients and practitioners alike.

Definitions

Personal Health Records (PHR)

The term "personal health record" is not new. The earliest mention of the term was in an article indexed by PubMed dated June 1978 (PubMed, 1978), and even earlier in 1956 reference is made to a personal health log (DRAGSTEDT, CA, 1956). However, most scientific articles written about PHRs have been published since 2000.

The term "PHR" has been applied to both paper-based and computerized systems; current usage usually implies an electronic application used to collect and store health data. In recent years, several formal definitions of the term have been proposed by various organizations (AHIMA e-HIM Personal Health Record Work Group , 2008).

It is important to note that PHRs are not the same as Electronic Health Records (EHRs). The latter are software systems designed for use by health care providers. Like the data recorded in paper-based medical records, the data in EHRs are legally mandated notes on the care provided by clinicians to patients. There is no legal mandate that compels a consumer or patient to store her personal health information in a PHR.

Electronic Health (or Medical) Records (EHR)

An **electronic health record (EHR)**, or **electronic medical record (EMR)**, is a systematic collection of electronic health information about an individual patient or population (Gunter & Terry, 2005). It is a record in digital format that is theoretically capable of being shared across different health care settings. In some cases this sharing can occur by way of network-connected, enterprise-wide information systems and other information networks or exchanges. EHRs may include a range of data, including demographics, medical history, medication and allergies, immunization status, laboratory test results, radiology images, vital signs, personal statistics like age and weight, and billing information.

The system should be designed to represent data that accurately captures the state of the patient at all times, allowing for an entire patient history to be viewed without the need to track down the patient's previous medical record volume and assists in ensuring data is accurate, appropriate and legible.

A complete Electronic Healthcare Record Information System for a general medical practice or small clinic. All of our products have a fast database for data storing with a strong encryption

HealthBox for General Medical Practice includes a complete patient's medical record with demographics, historical data and visits with examinations. It has a complete patients' browse with a smart search field that searches in all of patients' files and records. It includes also group filters and statistical graphical representations.

Complete store and management of historical data as: family medical history, patient's history with deceases that coexist, previous hospitalization, surgeries and habits, commemorative history, biometrics, allergies (with analytics description and documentation), vaccines and mood changes.

The application also has basic patient's pictures store database with processing features (x-rays etc.), and advanced visit management with clinical examinations, laboratory tests with normal values and add to favorites feature, diagnosis and administered drugs with formulary.

The most important feature is that each patient can have his/her medical history and visits report in an electronic or hardcopy format.

In addition the application provides many printing sets for each section as well as a module for invoice issuing and special export utility (MS office templates, Email template etc.)

A complete Electronic Healthcare Record Information System that specializes in cardiology and coronary surgery.

HealthBox for Cardiology includes a complete patient's medical record with demographics, historical data and visits with specialized examinations. It has a complete patients' browse with smart search module that completes searches in all of patients' files and records. Also the user can create easily through wizards group filters and see statistical graphical representations.

Complete store and management of historical data as: family medical history, patient's history with deceases that coexist, previous hospitalization, surgeries and habits, commemorative history, biometrics, predisposing factors, patient's pictures store database with processing features (x-rays etc.), and advanced visit management.

Clinical examinations, laboratory tests with normal values and add to favorites feature, diagnosis and ICD10 values, administered drugs with formulary and treatment protocols are some of the more simple modules that are included.

In addition the application, includes specialized procedures and exams like, electrocardiogram (ECG) with specific fields, echocardiogram, chest X-ray, noninvasive cardiac exams like stress tests and holter. However, the most important modules are the invasive cardiac operations like heart catheterization and coronary angioplasty according to the latest advancements, as well as the electrophysiological study and patient's heart operations, with extensive analysis and digital pictures in all of them.

Here also, the most important feature is that each patient can have his/her medical history and visits report in an electronic or hardcopy format.

In addition the application provides many printing sets for each section as well as a module for invoice issuing and special export utility (MS office templates, Email template etc.).

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