# GTIVistA
### Enterprise-wide EHR

**GTIVistA is a Robust, Flexible, Scalable & Evidence Based Clinical Practice Solution Seamlessly Integrated with HMIS/PMS**

- **Supports ICD, CPT, HCPCS and SNOMED**
- **Adheres to HIPAA**
- **Interfaces based on HL-7 & DICOM**

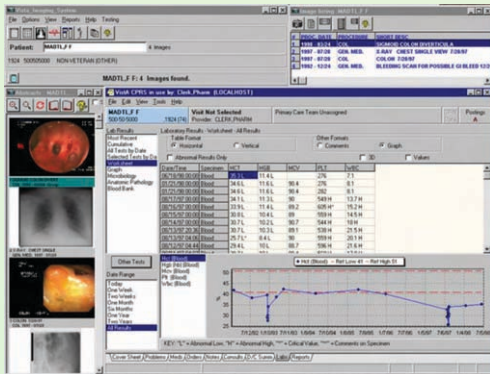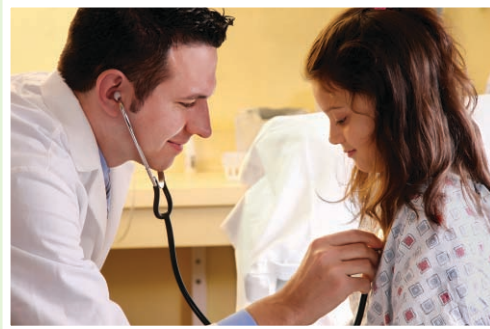# GTI InFotel

ISO 9001:2008 • ISO 2000:2005

## About Us

GTI Infotel is an ISO 9001:2008 & ISO 20000:2005 organizations providing the healthcare industry an open source EHR that is affordable and backed by a reliable support organization. We design, customizes, update, manage, and support products and services for our clients. From development to deployment, organizations can rely on GTI's expertise at every step. We offer a full range of solutions backed by 24/7 comprehensive services.

At GTI, our vision extends beyond the point of care to create a better life for healthcare professionals, patients and clients. Our products and services support our mission by offering a diverse range of resources that are easy to use, trusted and reliable.

## VistA EHR

VistA is the **world's largest & most sophisticated** electronic health record system developed under Open Source by the Veterans Health Administration (VHA), Department of Veteran Affairs (VA), USA. The VHA manages the largest medical system in the US, providing care to over 8 million veterans, employing 180,000 medical personnel and operating 163 hospitals, over 800 clinics, and 135 nursing homes throughout the US on VistA, a single electronic healthcare information network.

It has taken **over 12,000 doctors, clinicians & software professionals** to develop this ever evolving system that has become **the best clinical transformation solution in the world.** VistA is robust, flexible, scalable & evidence based clinical practice solution that is residing on a vast clinical knowledge base. This, together with hundreds of patches/updates released & uploaded through-out the year on open source ensures that VistA is not only the best but also the most modern solution at any given time.

VistA EHR is being used by **over 1500 hospitals & clinics around the world** in the USA, Europe, Middle East, Africa and the Indian Subcontinent. It consists of nearly 160 integrated software modules incorporating:

- Patient Registration and Management
- Patient Care
- Order entry and reporting
- Clinical services management
- Supplies and assets management
- Clinical Audit
- Management reporting
- Training materials
- And a vast documentation library

"The VistA system will take about US$4 billion to develop*".

*as reported by healthcare.com in March 2012.

## Case Study: JPNATC, AIIMS

All India Institute of Medical Sciences (AIIMS) is one of the largest and most prestigious hospitals in India catering to over 3.32 million out patients and over 130,000 admissions. GTI has implemented VistA EHR at JPNA Trauma Centre of AIIMS and is providing the following Services using its *MediCall* Solution:

- EHR Project Management
- On-site technical & data entry professionals
- Off-site call center for patients & faculty
- Equipment support
- Operations & Maintenance for VistA EHR

# GTIVistA EHR & PMS/HMIS Solution

GTIVistA is an enterprise-wide Electronic Health Record (EHR) built around Open Source VistA EHR complimented by a comprehensive suites of proprietary PMS/HMIS solutions.

GTI has been working on VistA for several years to develop a turn-key solution for Hospitals & Clinics catering to the Clinicians as well as the Patients. GTIVistA incorporates the best of EHR complimented with user friendly, scalable & easily accessible HMIS/PMS (Hospital Management Information System/Practice Management System). It incorporates over 160 modules; some of the critical ones are:

- **CPRS (Computerized Patient Record System):** CPRS provides a client server interface that allows healthcare providers to review & update a patient electronic medical record. This includes the ability to place orders, including those for medication, procedures, nursing, diets, laboratory & much more.
- LIS (laboratory Information System)
- RIS (Radiology Information System)
- Pharmacy
- BCMA (Bar Code Medication Administration System)
- Patient Vital Monitoring
- Surgery
- Tele-medicine & much more

- **HMIS/PMS/PIMS** (Patient Information Management Solution):
  o Registration
  o Admission/Discharge/Transfer
  o Billing
  o Appointment
  o Dashboard
  o MIS Reporting
  o Medico-Legal Cases
  o Inventory
  o Equipment Utilization & much more
  o Nursing
  o Website Integration
  o Call center Integration

## Quality for the Clinicians
- On-demand access to patient data
- Improve outcome
- Error Reduction
- Clinical Research
- ICD, HL-7, HIPAA & DICOM Compliant
- Evidence based Clinical Practice

## Management efficiency for the Directors
- Maximize revenue & ROI
- Minimize disruptions & exposure
- Improve staff efficiency & prodcutivity
- Lower administravie cost
- Lower Lab/Radiology rework
- Constants updates on Open Source

## Care for the Patient
- Improved Patient Safety
- Improved quality of care
- Information availability
- Assured of professional treatment
- Transparency for Patients

## Efficiency for Technologists
- Prioritize based on data
- Application Integration & expansion
- Quality Certifications
- Standardized templating
- Information Security
- Vendor Neutral

# EHR on the Cloud

The enterprise wide GTIVistA can be locally deployed at the Hospital or can be accessed over the cloud as an on-demand solution. The cloud based deployment helps hospitals & clinics to access our enterprise-wide EHR, liberating organizations from geographic, technological & economic constraints. On the cloud services also ensure use of hundreds of update releases by the VistA community at no extra cost.

## GTI's Enterprise Solution for VistA

Our Clinical experts in VistA complimented by IT expertise in Mumps, GT.M, Cache, Mirth, Delphi, EWD & other such technologies provides professional solutions to healthcare organizations thinking of or have deployed VistA EHR. From development to deployment, organizations can rely on GTI's expertise at every step. We offer a full range of solutions, backed by 24/7 comprehensive services. Our services for VistA include:

- **Implementation, Integration & Interfacing:** GTI's core competency is VistA System deployment at Hospitals. GTI specializes in customizing & developing VistA/CPRS and integrating it with administrative, billing, PACS & other such applications and developing interfaces with Commercial Software. GTI also takes up existing VistA implementation to develop/customize new modules/interfaces/reports. GTI implementation services incorporates:
  - o   VistA deployment
  - o   Network integration
  - o   PACS Integration
  - o   Laboratory & patient monitor interfaces
  - o   Other interfaces such as Spirometers, Coagulation machines & much more
- **Support & Maintenance:** GTI specializes in deeply understanding an existing VistA installation and supporting it. GTI's team of Clinical as well as Technical professionals ensure that they recognizes the need & develop/support accordingly. This includes:
  - o   Clinical Transformation
  - o   Clinical Adoption
  - o   Workflow optimization
- **Web-based broker-less front-end:** GTI has expertise in ASP, Java, Mirth, EWD, etc.  to develop web based front end for variety of custom applications such as:
  - o   Patient Information
  - o   Management System
  - o   MIS Reports & much more
- **Project Management:** At GTI every aspect of delivery the right product & services at a Healthcare organization is essential. The Project Management Group ensures are doing that by incorporating all the above services along with professional:
  - o   IT Support
  - o   Clinical
  - o   Administrative Support
  - o   Training & much more

## Award Winning Solution

GTI has presented its solutions at several international in conference where it has received various awards and accolades. It has been presented at:

- OSEHRA  Open Source EHR Summit, Washington DC, USA
- WorldVistA Community Meeting, VA, USA
- National Conference on Medical Informatics
- CEUTEH (Cost Effective use of Technology in Healthcare), AIIMS
- eIndia Conference
- mBillionth Conference
- eWorld Summit

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