

OnDemandCARE: An Integrated Suite of Healthcare Software Products and Vista Enhancements

OnDemandCARE provides an affordable, OpenSource-based integrated solution as an Application Service Provider (ASP) Subscription Service Model: Electronic Medical Record; PACS, Document Management & Imaging; Financial; Supply Chain Management; and Business Intelligence.

OnDemandCARE is helping organizations across the country raise their profiles, improve patient satisfaction and differentiate themselves in competitive environments, including environments where other organizations are also using EHRs. By making services available from OnDemandCARE, you can strengthen your existing patient relationships and attract new patients.



Much more than an online health diary or a one size fits all information portal, OnDemandCARE gives patients controlled access to information in their medical records along with convenient self-service options. It will help you meet a growing demand for consumer involvement, letting patients take an active role in their own healthcare while reducing the burden on your internal resources. Your organization's staff will spend less time answering phone calls and your patients will enjoy quick access to the information they need.



WorldVistA EHR VOE/1.0 CCHIT CERTIFIED

The WorldVistA EHR VOE/1.0 provided extensions to run on the G.T.M and Linux platforms. These platforms are more reliable than current Windows Server platforms, and with the addition of these platforms being OpenSource, they have had over a decade of security debugging, and are considered to be the highest state of the art in data and platform security and reliability.

OnDemandCARE-HIM Offers Numerous Levels of Functionality.

OnDemandCARE-HIM (Health Information Management) adds numerous new levels of functionality to the core levels of the Vista FOIA and WorldVista EHR VOE/1.0 system:

ASP (Application Service Provider). ODC-HIM is designed to work entirely through the web with a series of local, regional and master nodes that ensure data redundancy and security. Effectively this gives a participating Health Care Provider access to this data from anywhere.

Multi-Facility. Many facilities – large or small (hospitals, clinics, individual physicians, nursing homes, or medical providers) – may be added within the system, and they are all treated as discreet standalone entities within the system.

Clinic Functionality. Stand-alone clinics may be configured within the system and the subsystems that work specifically for large hospitals are selectively deactivated.

User Automated Processes. For clinics and hospitals that do not have core departments, such as a pharmacy, automated process specific for each user will ensure data flows through the system appropriately. As an example in a small clinic with no pharmacist when a physician orders a drug the Automation will look and see if this physician works in a clinic with no pharmacy, if there is no pharmacy the Automated process will immediately mark the prescription as being filled, and begin the countdown timer. There are over two dozen such processes that allow clinics and small hospitals to function and still make use of all the feature and function within ODC-HIM.

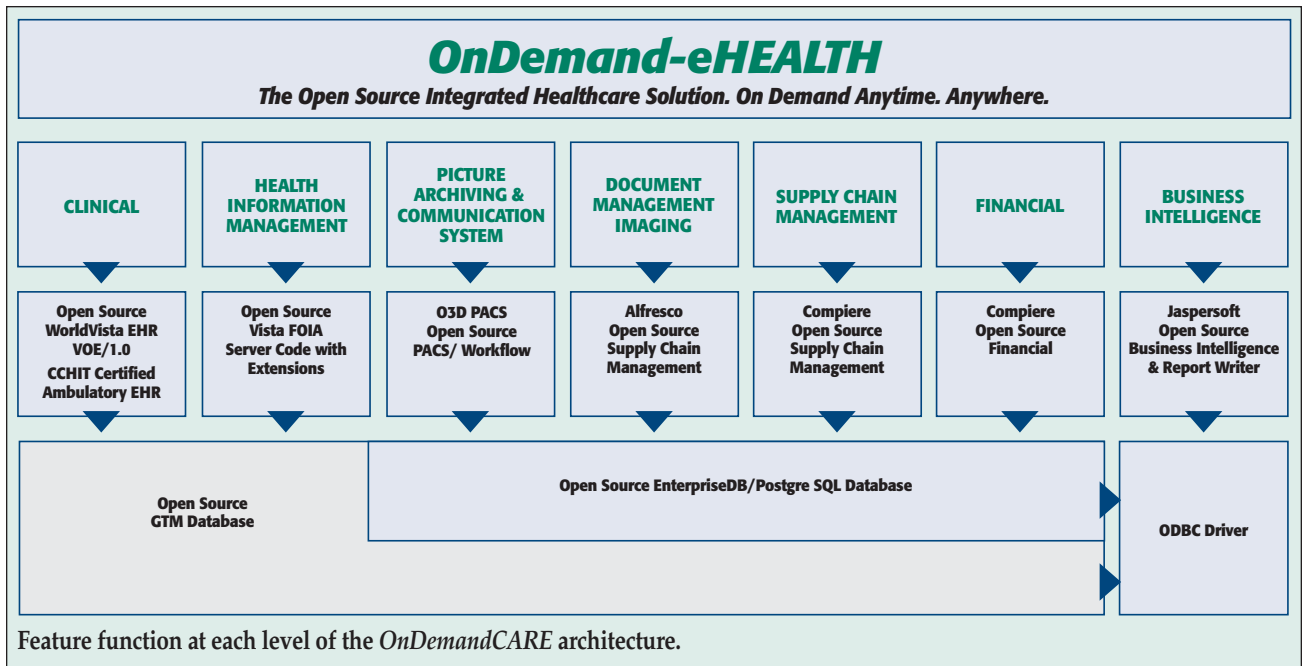
Parameterization. The ability to turn off or redirect any given subsystem either to be non-functional and have the rest of the system act as if it is still connected. Since VistA's error correction system is very elaborate and will react if a subsystem is absent, this also allows for connecting any existing external system and having VistA react as if that is a native VistA system.

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VistA-FOIA (Freedom Of Information Act)

VistA-FOIA it is a complete paperless system that includes a variety of integrated systems (at right).

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Each VistA-FOIA system is designed and configured to work for a single hospital and it's attached clinics. The assumption is that all users of the system should have access to all patients within the system, and that there are a group of highly trained system and subsystem experts employed to configure, upgrade and maintain the system. Every existing VA hospital has several (2-3), IRM employees that have the sole purpose of applying the 100+ updates that come out each month to the appropriate systems within VistA.

There are also individuals that are experts on critical subsystems within each VA hospital. They are tasked with configuring and maintaining the subsystems they are knowledgeable about.

The VistA FOIA system is not designed to work as an ASP; is not designed to work for stand-alone clinics; and is not designed to work for hospitals that do not have all the core departments within the individual VA hospital.

- Clinical Information EMR system
- Health Information Management
- Laboratory
- Radiology
- Pharmacy
- Electronic Remittance and Billing
- Time Keeping
- Nursing
- Surgery & Risk Assessment
- Social Case Management
- Supply Chain Management
- Bar Code Medication
- Quality Improvement / Risk Management
- Health Summary & Reporting
- Scheduling
- DRG / Case Mix Management
- Accounts Receivable



OnDemandCARE-HIM Offers Numerous Levels of Functionality. CONTINUED

Patient Security. VistA allows all users within a facility to view any and all patient data. *ODC-HIM* adds a layer of patient security that allows only authorized users to see their data. In addition when seeing a new Health Care Provider the provider could do a search for the specific patient, and discover they are in the *ODC-HIM* database but not accessible to them. A patient PIN is required to allow access to their data. Thus giving the patient the ability to allow a given Health Care Provider access to their all of medical data.

Patient Privacy. Some patient visits are very sensitive and require an even higher level of security. A Physician has the ability to make a given visit and all its accompanying diagnosis, and treatment invisible to anyone except themselves. However if another Health Care Provider were to prescribe a drug that would conflict with the hidden drug, then the current alert system would still warn the provider there was a conflict, and who to contact to resolve the conflict.

Billing Modifications. The VA system does not bill Medicare/Medicaid, a pseudo-bill is sent and a simulated 837 is received in response. *ODC-HIM* has modified the billing system to send Medicare/Medicaid bills normally.

Work Flow Customization. *ODC-HIM* using the latest Web based technologies, Cascading Style Sheets and XML, which allows customization to its interface and work flow presentation to meet the needs of any client and users.

National Medical Exchange & Interfacing Standardization. *ODC-HIM* has a wide variety of interfaces to hundreds of existing external products, as well as 4 HL7 interface engines, SQL, and numerous other interface abilities. Not found within VistA FOIA. *ODC-HIM* has been modified to be an Interface Standard and Hub. It is designed to be central hub in a National Medical Exchange. Allowing medical information to be shared between all current Electronic Medical Systems.

Process Flow Sheets. Many States have specific requirements for treatment of patients with specific disease states or treatment regimens. *ODC-HIM* has developed a continuous treatment record so that treatments like Diabetes or Coumadin can be monitored in accordance with the State regulation, but still be an electronic record. Each Process Flow Sheet also has accompanying reports that allow for immediate printing of the flow sheet data to satisfy inspectors. This system is setup in accordance with State and Local regulations and is part of the current configuration process.



PACS. IHE compliant Picture Archiving and Communication System used for acquiring, transferring and storing medical images.

Client Customization of Existing Name Space. Currently to make changes to the VistA-FOIA and still remain part of the update stream requires understanding of the layers of programming and custom programming within VistA. In order for *ODC-HIM* to be able to quickly make changes required by commercial clients we have our own programming Name Space, where all of our work is done, and overrides the existing code. This allows us to take in new feature function, and know that it will not overwrite any customized feature function that a specific client has requested.

Touch Screen, and Voice Recognition. *ODC-HIM* client software works with most windows compatible touch screens and Voice recognition software.

Wireless Technology. Mobile workstations, pen tables and other wireless devices, enables medical staff to enter and access patient data with mobility and efficiency.

Document Management & Imaging. Supports users by capturing, publishing, finding, and storing electronic documents with multi-version control. One of the value added features is to store all documents with meta-informations like title, author, keywords, and language. Another feature is to organize documents by different criterias. User can communicate with some other users directly or via e-mail.



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