



midland memorial hospital

16th VistA Community Meeting
January 10, 2008



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- Midland, Texas Population – 101,000
- 320 licensed beds, 2 sites
- Main Campus – Full-Service Acute Care
- West Campus – Women's and Children's services
- Medical Staff – 200+/- community-based independent contractors
- Outpatient Imaging Facilities – MRI, DIA, AWI
- Average Census – 150+/-
- Annual Inpatient Admissions – 11,000+/-
- Annual ER Visits – 50,000+



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Key Milestone Dates

6/03	World VistA Conference
7/03	VistA Evaluation Committee Formed
Fall/03	First Contacts with Medsphere
12/04	Professional Services Contract - Medsphere
10/05	Pharmacy Go-Live
11/05	Laboratory Go-Live
12/05	Order Entry Go-Live (not CPOE)
3/06-6/06	Full CPRS (Documentation/CPOE)
9/06-11/06	Bar Code Medication Administration
2/5/2007	Full EMR – “Paper Lite”



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Current Status

- Main system live throughout facility on both campuses
- BCMA implementation completed
- System improvements ongoing
- Continuing focus on physician adoption
- Streamlining nursing documentation
- Organization changes for Clinical Informatics



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OpenVista Interfaces

- ADT from Quadramed Affinity
- Lab, Pharmacy charges to Quadramed Affinity
- Orders to / from GE(IDX) Imagecast (RIS)
- Images pointer/API/Application Launch to PACS
- Orders to / from A4 (ER)
- Charts from A4 (ER)
- Transcription from Mediscribe
- Case reports from Cath Lab
- Orders to Clinivision (Cardiopulmonary)
- Results from Imagecast (RIS), Clinivision
- Lab results to A4
- First dose Rx orders to McKesson Robot/Rx
- MUSE (EKG) – in development
- Pathology reports – in development



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Technology Stack

- Clustered HP DL580 Servers configured as Active/Passive. Cluster managed by HP Serviceguard.
- HP Storage Area Network (SAN)
- Linux – Red Hat Enterprise AS
- Intersystems Cache' (proprietary)
- Vista / Fileman
- Clients - CPRS, BCMA, PuTTY
- Remote Access – OpenVPN
- Wireless - Cisco



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Final Thoughts – Why did we do it?

- **System obsolescence required action**
- **Financial condition limited options**
- **VistA represented opportunity to leap forward at low cost**
 - **Patient safety enhancement**
 - **Support of quality initiatives**
 - **Tying to our physicians via superior information access**
 - **Meaningful contribution to the industry**



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Questions and Answers