Systems Maintenance

AE-EHR WEB SERVERS

Agenda

- AE-EHR Virtual Directories
- AE-EHR Virtual Object Engine
- VOE Control Panel Applet App Groups
- Server Specifications
- Web Services
- Data Access Paths
- Systems Maintenance

AE-EHR Virtual Directories

- AHSWeb - Framework

- Touchworks - AE-EHR Program Files

- TrxWeb - Dictate and PDA functions

- ScanWeb - Scan Image Access

- CMSV4 - VOE DB Communication

- AHSReportHandler - AE-EHR Reports

AE-EHR Virtual Object Engine

- Allscripts **Virtual Object Engine** is the key communication mechanism between the web and database servers

- Leverages system level DSN's setup using **ODBC**

VOE Control Panel Applet App Groups

- **AHSWeb:**
  - IDXwf Database
  - IDXWF ODBC

- **Touchworks:**
  - Works Database
  - Works ODBC

- **TWIS (Document Imaging):**
  - Impact Database
  - TWIS ODBC

Server Specifications

- Windows 2003 with SP2

- IIS 6.0

- Internet Explorer 6.0 SP2 or SP3 (or 7)

Web Services

- WWW Service:
  - Application service for IIS Servers
- AHSVOEService
  - AE-EHR Data Access Service
- Medcin Service
  - Retrieval of Medcin Templates
- Microsoft .Net 2.0
  - ASP .Net for v11 New Functionality

Data Access Paths

- Database
    - VOE Connections
- Document Imaging/Transcription
    - Windows File Share
- Printing
    - Preview handled locally
    - Hard copies sent through queue in database, pulled by spooler

System Maintenance

- **Event Logs -** Regular Review
- **Performance Baseline -** Create snapshot of normal metric levels
- **Plan for Future Growth** (on web server for every 200 connections)
- **Bandwidth/Capacity -** From end users to Web Server(s)
- **Change Control -** Keeps things Stable
- **Test vs. Live System -** Apply in Test First!

Questions?