ForSite2020

Enterprise-wide scheduling for VistA

The ForSite2020 RMS Enterprise Scheduling solution has been in production at VA Roudebush Hospital, Indianapolis, Indiana since 1999. The system is currently used to schedule all outpatient clinics as well as diagnostic departments. ForSite2020 RMS streamlines the scheduling process with coordination of conflict free times and allocation of all required resources across facility and department boundaries. A few of the fundamental benefits to be expected include improved productivity, resource utilization, and patient and staff satisfaction.

System overview

Interfaces include: (bi-directional HL7 format)

- Registration Interface with VistA
- Orders/ Consults Interface with CPRS
- Check-in/Check-out Interface with VistA
- Multi-VistA interface capable

Solution modules include

- Enterprise Scheduling
- Patient Self Scheduling Portal
- Faxing Module for Inbound Orders

System architecture

- Windows Platform
- Client/Server
- Citrix Enabled
- Relational Database

- Replication to a SQL database
- Patient Portal Deployed on IIS Webserver using ASP .NET Infrastructure
- Language: C and .Net

Features at a glance

+ Enterprise Master Patient Index
+ Rules Based Scheduling for:
  › Clinics
  › Rehabilitation Services
  › Diagnostic Services (Radiology, Cardiology, Oncology, etc)
+ Cross Facility Scheduling
+ Wait List Management
+ Follow-Up and Recall Notification
+ Means Test Notification
+ Pending Consults for Scheduling

+ Work Queue Processing Preferred Date Analysis
+ Date Refusal Tracking
+ Next Available Analysis
+ Standard Management Reports
+ End User Report Writer
+ Email Reminders
+ Text Message Reminders

User security

- Active Directory/LDAP Integration
- Single Sign On
- Security Assignment by User or User Group
- Authorization (User Keys) by Facility/Site/Department/Function