

Intro to Allscripts PM Database

April 2013

Agenda

- **Database basics**
- **PM Databases**
- **Common Architecture Paradigms**
- **File Maintenance**
- **Patients**
- **Demo**
- **vwGen Views**
- **Demo**

Why query the database

- **Summarize Data that you see in PM**
- **Export information to be used by other tools, e.g. use Excel to build Graphs and Pivot Tables**
- **Verify information that you see in PM, or in the interfaces**

Be Careful

- **The Allscripts PM database is Complex**
- **You can do harm**
- **Confirm access and permissions**

What To Do

- **Keep it simple**
 - Create complex queries by combining simple queries together
- **Use TEST**
 - Or, your organization's Data Warehouse, if you have one
 - If you run anything in production, make sure:
 - You have the permission of the IT/DBA group
 - You follow your organization's change management process
 - It is run off-hours
 - It runs quickly
 - Even complex queries should be less than a minute
 - Use (NOLOCK) table hints

What To Do

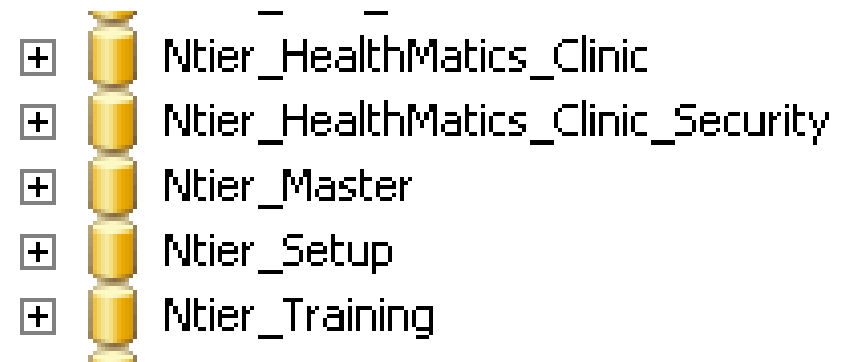
- Avoid performance problems by running queries off hours
 - Queries are one common cause of performance issues reported to Allscripts
- [Verify](#) the accuracy of the output
- Get proper approval to access the database

What NOT To Do

- Delete data. Ever.
- Share passwords with others, even “defaults” like CSI
- Save patient data on your PC or in email
 - HIPAA concerns
 - Your company’s policies

Allscripts PM Databases

- **Prefixed with 'Ntier'**
- **Practice database(s)**
 - Ntier_ClientID/PracticeName
 - Houses all practice data
- **Security database**
 - Houses all security setup
- **Setup database**
 - Used as a template for creating new database
- **Master database**
 - Single point of management for certain dictionaries if configured



Common Architecture Paradigms

- **Primary – Foreign Key Relationships**
 - Key name is consistent in both tables
- **Profiles**
 - Used across several File Maintenance tables to facilitate additional layers of configuration about the record in the File Maintenance table
- **Schema usage**
 - PM
 - HIE_PM
- **Operator Tables**

File Maintenance

- **PM Dictionaries**

- Nothing in the database identifies a table as a File Maintenance table
- System Administration>>File Maintenance in the application

- **Providers**

- Providers
- Referring Providers

- **Carriers**

- **Procedure Codes**

- **Diagnosis Codes**

- **Locations**

- Locations
- Scheduling Locations

Providers

- **Practitioners**
 - Primary table for all providers, both internal and external
- **Provider_Info**
 - Link to ancillary info for internal providers
- **Referring_Doctor_Info**
 - Link to ancillary info for external providers
- **Provider_Billing_Numbers**
 - Stores all billing number info for internal providers
- **Ref_Doctor_Billing_Numbers**
 - Stores all billing number info for external providers
- **Resources**
 - Links provider to appointment

Patients

- **Patients**
 - Patient_Number, Date_Registered, and links to Contacts and Practitioners
- **Contacts**
 - Name, DOB, SSN, Guarantor flag and Subscriber flag
- **Addresses**
 - Address Information.
- **Patient_Info_Fields**
 - Race and Ethnicity, along with other extended patient info
- **Patient_Changes**
 - Tracks history of changes to patients

Patient Insurance

- **Patient_Policies**
 - Link to insurance information, coverage, and policy relationship
- **Policies**
 - Stores insurance policy information and links to insurance carrier

vwGen Views

- **Delivered by Allscripts to give clients an easy avenue to report on patient and financial data**
- **These views can still provide a great foundation to start reporting against the PM database**
- **Often times you will find that these views are pulling back far more data than is necessary**
- **Allscripts PM Help Menu provides detail about the fields available in these views as well as some very helpful definitions of status fields**
- **Do not use vwGen views that do not have PM schema as those will be phased out in future versions**

vwGen Views

- **vwGenAcctBalInfo**
- **vwGenPatAdditInfo**
- **vwGenPatApptInfo**
- **vwGenPatChangelInfo**
- **vwGenPatChartNumbers**
- **vwGenPatInfo**
- **vwGenPatSlidingFeeInfo**
- **vwGenSvcDiagInfo**
- **vwGenSvcInfo**
- **vwGenSvcPmtInfo**
- **vwGenVouchInfo**

Galen Reporting Offerings

- **Custom Reports**
- **Custom Print Forms**
- **ETL and Analytics Reporting**
- **Training**
 - Allscripts EHR DB
 - Allscripts PM DB
 - ETL DB
 - Analytics
 - Advanced Interface/ConnectR
 - AIE

Embrace the new world of healthcare



For the Galen take on industry news, EHR developments, interesting solutions we have developed, and new Galen products check out our blog...

A screenshot of the Galen Healthcare Solutions blog homepage. The header features the Galen logo, the tagline 'embrace the new world of healthcare', the word 'blog', and navigation links for 'Wiki', 'VitalCenter', and 'Galen Healthcare Solutions'. The main content area displays a blog post titled 'The Three Types of Organizations that Need New EHRs' by Christopher Libby, dated February 18, 2013. The post text discusses the era of electronic health records and the challenges of EHR adoption. Below the text is a pie chart titled 'The New EHR Adopter' showing that 38% of Unregistered Professionals and 43% of Medicare Registrants have adopted EHRs. To the right of the chart is a text block explaining that buying a new EHR is not cheap and that only around 20% of providers are attesting to Meaningful Use in the US. On the right side of the page, there is a 'Sign up' section with an email input field and a 'Submit' button, and a 'Search for:' section with a search input field and a 'Search' button. Below these are 'Tags' for various topics including Adoption, Allscripts, Allscripts Consultants, Allscripts Conversion, Allscripts Enterprise EHR, Allscripts PM, Business Continuity, Business Intelligence, Clinical, Conversion, ConnectR, Crystal Reports, and Custom Reports.

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Thank you for joining us today, for additional assistance....

You can contact us through our **NEW** website at www.galenhealthcare.com

A screenshot of the Galen Healthcare Solutions website. The header includes the company logo, navigation links (Blog, Wiki, Webcasts, Forum), a search bar, and a 'Company' dropdown menu. The 'Company' menu is open, showing options: About Us, Executive Team, Careers, and 'Contact Us', which is circled in red. Below the menu, a red box highlights a contact form. The form contains fields for First Name, Last Name, Company, Phone, Email, City, and State/Province. It also has a 'Product/Service Interest' section with checkboxes for Technical Services, Project Management, Implementations, VitalCenter™, and Other. A 'Details' text area is at the bottom of the form. The left sidebar features a 'vitalcenter™' section, a 'BLOG' section with the title 'Creating and Applying Custom "Hold For" Reasons', a 'WIKI' section with the title 'eCalcs – Integrated Health Calculators', and 'EVENTS / WEBCASTS' and 'DEVELOPER FORUM' sections. The main content area has a large image of two men looking at a screen, with the text 'Welcome to the NEW galenhealthcare.com' and a brief description of the company's new website.

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