



Order Entry, MedPass, Reporting

Sapphire eMAR is a comprehensive online solution, completely eliminating all paper pharmacy processes. Offering order entry, medpass, reporting, inventory management, reconciliation and much more, Sapphire will assist your medical staff to operate more efficiently, all while improving accuracy.

EASY TO USE

Sapphire eMAR has been designed with the user in mind. The design makes it simple to navigate, with numerous parameters which may be customized specifically for each facility. Additional user features include an online help system, dashboard alerts (new products, enhancements, procedures, etc.), quick links to additional programs, and printable records.

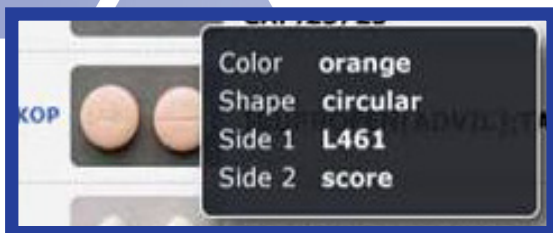
SECURE

Sapphire eMAR is fully HIPAA compliant, and contains enhanced security features. Additionally, your data is secure with a clustered server architecture which enables immediate recovery in the event of a Diamond server hardware failure. Data is also stored off site and at an additional backup site. The MedPass feature of Sapphire persistently stores all information to prevent any sort of data loss.

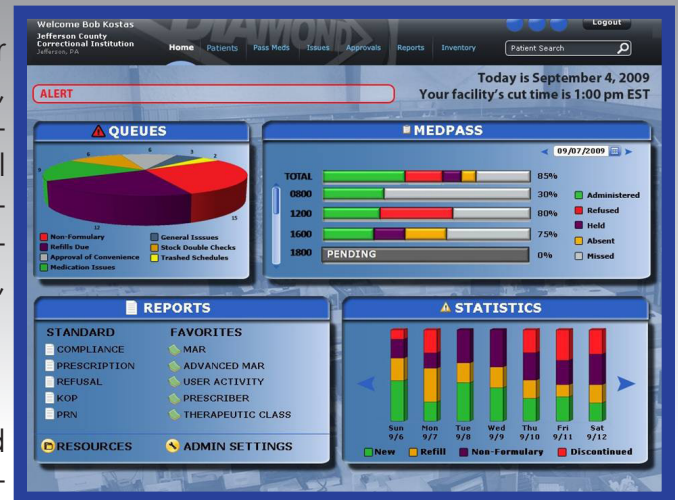
CUSTOMIZED TO YOUR NEEDS

Sapphire allows your facility to set custom user roles and permissions, allowing even greater control over security. Medications may be set up and categorized as controlled, OTC or Keep On Person, and your default HOA schedules can be set or customized to meet your facility's needs.

Sapphire gives your staff the ability to also set up custom reasons for PRN's, inventory adjustments, non-formulary selections, discontinued orders as well as medpass refusals or absences. Settings may also be adjusted to require secondary credentials for destroying non-controlled stock or non-controlled and controlled patient medications.

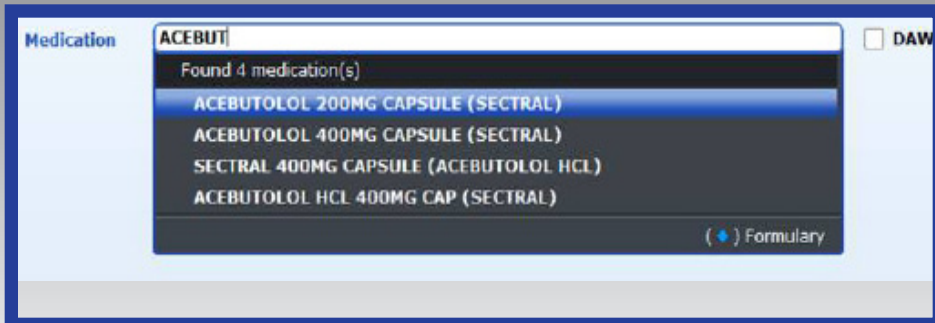


Also, Sapphire offers the option to view medication images during MedPass, which further assists in accuracy. Options to set a default days supply of medications, designate patients as KOP, apply default cut-dates, and split and merge patient charts also add to the efficiency Sapphire offers.



ORDER ENTRY

Sapphire's order entry is comprehensive, and includes several features to help eliminate any ordering errors. Utilizing drop down menus, you can easily order medications and select prescribers. From there, Sapphire features a custom direction builder, with the ability to enter allergies and distribution type (staff administered vs. KOP).

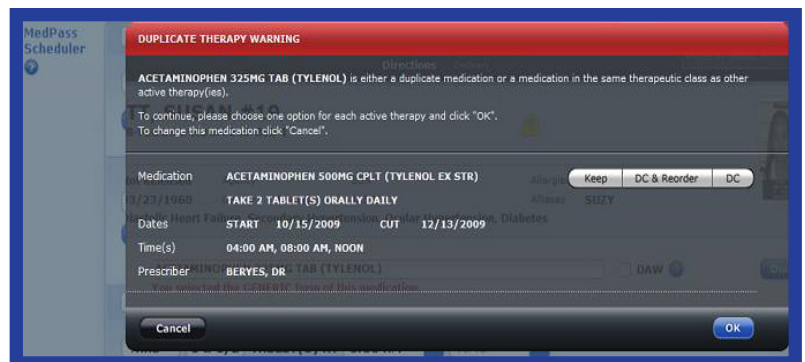


The patient chart provides all necessary information such as currently and previously prescribed medications, start and end dates, prescriber, staff activity, refill/reorder dates, doses administered and individual MAR's. Changes are easy to make in the patient's profile and in the order status.

For ease of use, Diamond's entire medication inventory is displayed for selection. Brand, generic and synonym name searches will also assist your staff in selecting the appropriate medication. Medication selections auto-complete and automatic generic conversions are utilized for cost containment. For your facility, medication selections are broken down into most commonly prescribed per specific patient and also by most commonly prescribed per facility.

Sapphire also provides safety features such as an allergy database and alerts the user of allergies that may be associated with each patient. Duplicate therapy warnings are also issued.

Once orders are received utilizing our reconciliation program, they are automatically populated to the MAR.



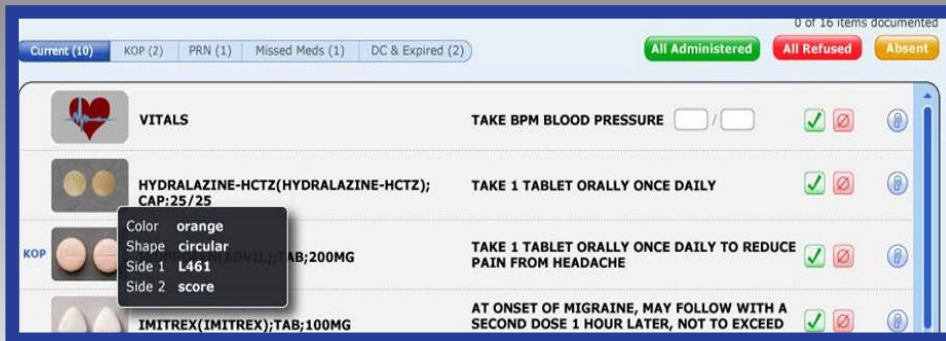
ADDITIONAL ORDERING FEATURES:

- Ability to Select Diagnosis for Patient and Medication
- Vitals and Labs May be Linked to Specific Medication Orders
- Advanced Tapered Dosing Capabilities
- STAT Dosing Documentation
- Non-Formulary Requests Completed and Approved Online

AND MUCH MORE...

MEDPASS

The MedPass function of Sapphire is versatile and enables your facility to efficiently administer and record medication utilizing a barcode scanner. A prep list may be printed prior to MedPass, and it can be sorted by time, location or alphabetically. MedPass can also be sorted by name or location. Barcode scanning ability ensures that the right patient is receiving the right medication at the right time. Sapphire's MedPass records the proper administration date, time and initials of the staff administering.



During each MedPass, Sapphire allows you to see which medications were not administered. The status bar displays during MedPass shows your staff the MedPass statistics.

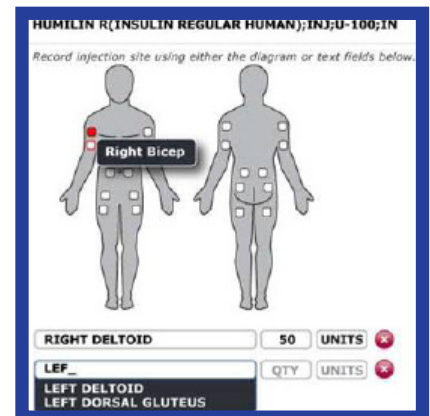


Notes may be added during any MedPass administration while compliance is displayed and tracked. In keeping with HIPAA compliance, there is a hide and lock screen function to ensure patient information security. Sapphire's in depth patient profile for MedPass may be set to include enhanced patient lookup and patient photos.



Like with order entry, Sapphire has options in MedPass to ensure the proper medication is received utilizing a barcode scanner. Medication displays list both brand and generic names and display medication images, which include shape, color and imprints.

If medication is administered via injection, Sapphire features point and click medication documentation, recording injection quantities.



ADDITIONAL MEDPASS FEATURES:

- MedPass Time Elapsed Display
 - Scan Stock Only Medications for Patient Distribution
 - Document Amount of PRN Doses
 - Customized Absence Selections
 - View Medications Received, Refused, Placed On Hold and for Inmate Absences
- AND MUCH MORE...**

REPORTING

Sapphire's reporting function can generate numerous reports to measure compliance, user activity, therapeutic class reports and much more. It has the ability to generate a refill/reorder report that will alert staff to all medication orders that are due for a refill or reorder within seven days based on the administration. Compliance reports can be generated based on administration percentages or doses missed. Refusal reports can also be generated that will show any patient who has refused their medications within a certain data parameter.

UNIT	FULL NAME	UNIT	FULL NAME	UNIT	FULL NAME	UNIT	FULL NAME	UNIT	FULL NAME
SMK	SCOTT JAMES KIRWAN								
MIL	MARY BESS LARKINSOOD								
JAS	JEFFERY ANDREW SWANSON								

	SMITH, JOHN #ABC123 UNIT A - WING D - ROOM 362 - BED 2 Facility KENTUCKY STATE REFORMATORY - 02 Location BLOCK D Agency BED 2 DOB 03/14/1953 Gender MALE JMS ID SSN 555-55-5555 Aliases JOHNNY, BEEF, JACK Diagnosis 659.01 - Nonkoyxox Allergies BANANA
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REPORT GENERATED BY BOB T. SMITH AT 10/8/2009 11:36 PM

ALL PREPARED NAMES IN SIGNATURE TABLES COMPLY WITH ELECTRONIC SIGNATURE GUIDELINES

Compliance reports can be generated based on administration percentages or doses missed. Refusal reports can also be generated that will show any patient who has refused their medications within a certain data parameter.

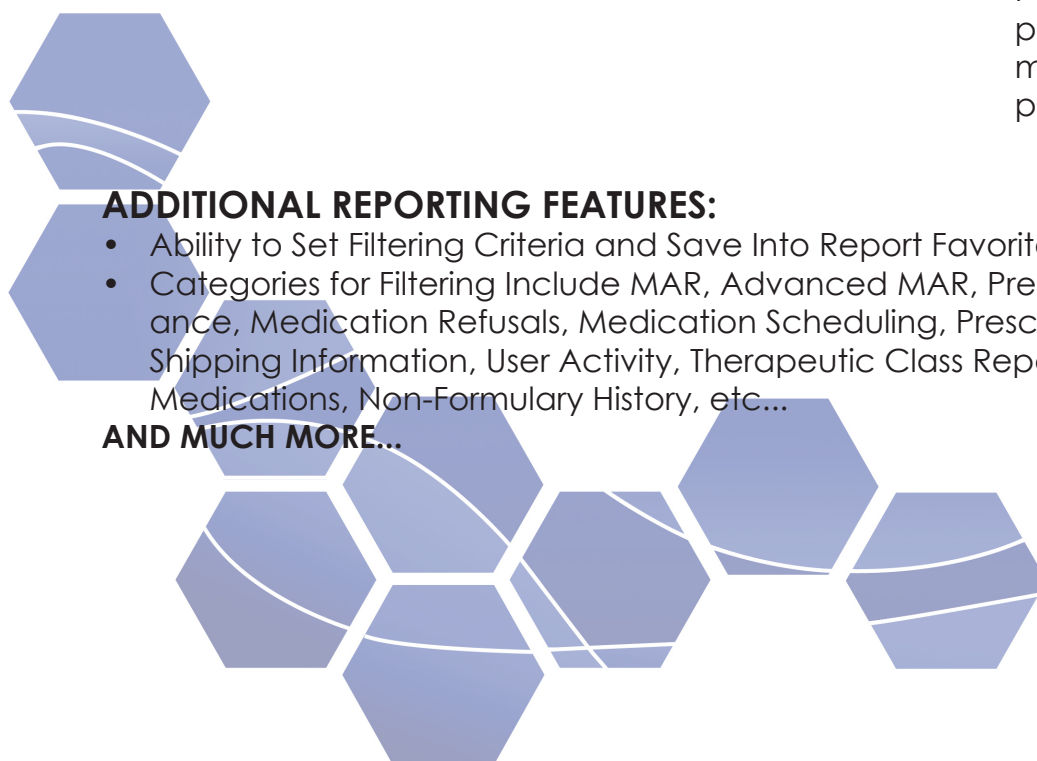
KOP reports will populate all patients who are currently taking KOP medications. Prescription reports can display all medications ordered within certain dates. These can be medication specific or in general. Reports may even be generated for a specific site or grouped by a region of sites.

Paper MAR's may be batch printed at the end of each month for inclusion into the patient's physical chart.

ADDITIONAL REPORTING FEATURES:

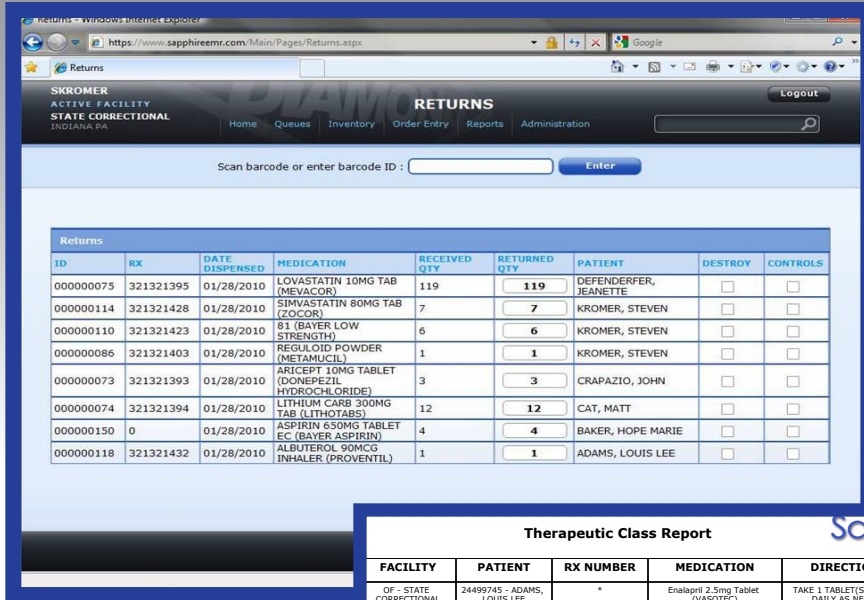
- Ability to Set Filtering Criteria and Save Into Report Favorites
- Categories for Filtering Include MAR, Advanced MAR, Prescription, Medication Compliance, Medication Refusals, Medication Scheduling, Prescriber Profiles, Inventory Listing, Shipping Information, User Activity, Therapeutic Class Report, PRN Medications, KOP Medications, Non-Formulary History, etc...

AND MUCH MORE...



RETURNS

With Sapphire, returning medications have never been easier. Simply scan the barcode and notate the amount of medication being returned. You may then print the report and include it with your medication returns. In addition, all returned information will be archived.



The screenshot shows the 'Returns' page in the Sapphire eMAR system. At the top, there is a search bar labeled 'Scan barcode or enter barcode ID:' with an 'Enter' button. Below this is a table with the following columns: ID, RX, DATE DISPENSED, MEDICATION, RECEIVED QTY, RETURNED QTY, PATIENT, DESTROY, and CONTROLS. The table contains 11 rows of medication return data.

ID	RX	DATE DISPENSED	MEDICATION	RECEIVED QTY	RETURNED QTY	PATIENT	DESTROY	CONTROLS
00000075	321321395	01/28/2010	LOVASTATIN 10MG TAB (MEVACOR)	119	119	DEFENDERFER, JEANETTE	<input type="checkbox"/>	<input type="checkbox"/>
00000114	321321428	01/28/2010	SIMVASTATIN 80MG TAB (ZOCOR)	7	7	KROMER, STEVEN	<input type="checkbox"/>	<input type="checkbox"/>
00000110	321321423	01/28/2010	91 (BAYER LOW STRENGTH)	6	6	KROMER, STEVEN	<input type="checkbox"/>	<input type="checkbox"/>
00000086	321321403	01/28/2010	REGULOID POWDER (METAMUCIL)	1	1	KROMER, STEVEN	<input type="checkbox"/>	<input type="checkbox"/>
00000073	321321393	01/28/2010	ARICEPT 10MG TABLET (DONPEZIL HYDROCHLORIDE)	3	3	CRAPAZIO, JOHN	<input type="checkbox"/>	<input type="checkbox"/>
00000074	321321394	01/28/2010	LITHIUM CARB 300MG TAB (LITHOTABS)	12	12	CAT, MATT	<input type="checkbox"/>	<input type="checkbox"/>
00000150	0	01/28/2010	ASPIRIN 650MG TABLET EC (BAYER ASPIRIN)	4	4	BAKER, HOPE MARIE	<input type="checkbox"/>	<input type="checkbox"/>
00000118	321321432	01/28/2010	ALBUTEROL 90MCG INHALER (PROVENTIL)	1	1	ADAMS, LOUIS LEE	<input type="checkbox"/>	<input type="checkbox"/>

Therapeutic Class Report

Sapphire Health
1.800.882.6337 FAX: 1.800.523.008

FACILITY	PATIENT	RX NUMBER	MEDICATION	DIRECTIONS	START DATE	STOP DATE	PRESCRIBER	CLASS
OF - STATE CORRECTIONAL	24499745 - ADAMS, LOUIS LEE	*	Enalapril 2.5mg Tablet (VASOTEC)	TAKE 1 TABLET(S) ORALLY DAILY AS NEEDED	01/12/2010	02/11/2010	BAZZEL, JUDD	Cardiac
OF - STATE CORRECTIONAL	24499745 - ADAMS, LOUIS LEE	*	Albuterol 90mcg Inhaler (PROVENTIL)	INHALE 1 PUFF(S) ORALLY TWICE DAILY	01/18/2010	02/17/2010	BAZZEL, JUDD	Asthma
OF - STATE CORRECTIONAL	24499745 - ADAMS, LOUIS LEE	*	Albuterol 90mcg Inhaler (PROVENTIL)	INHALE 1 PUFF(S) ORALLY TWICE DAILY	01/18/2010	02/17/2010	BAZZEL, JUDD	Asthma
OF - STATE CORRECTIONAL	3972724 - BAKER, HOPE MARIE	*	Aspirin 650mg Tablet Ec (BAYER ASPIRIN)	TAKE 1 TABLET(S) ORALLY TWICE DAILY	01/25/2010	02/14/2010	BAZZEL, JUDD	Analgesic
OF - STATE CORRECTIONAL	3972724 - BAKER, HOPE MARIE	*	Aspirin 650mg Tablet Ec (BAYER ASPIRIN)	TAKE 1 TABLET(S) ORALLY TWICE DAILY	01/25/2010	02/14/2010	BAZZEL, JUDD	Analgesic
OF - STATE CORRECTIONAL	3972724 - BAKER, HOPE MARIE	*	Prempro 0.3/1.5mg Tablet (CONJ ESTROG MEDROXYPROGEST ACE)	TAKE 3 TABLET(S) ORALLY DAILY	01/28/2010	02/18/2010	BAZZEL, JUDD	Endocrine
OF - STATE CORRECTIONAL	546546687 - CAT, MATT	*	Lithium Carb 300mg Tab (LITHOTABS)	TAKE 4 TABLET(S) ORALLY HS	01/11/2010	03/12/2010	FUGE, THOMAS	MoodStabilizer,Psych
OF - STATE CORRECTIONAL	546546687 - CAT, MATT	*	Lithium Carb 300mg Tab (LITHOTABS)	TAKE 4 TABLET(S) ORALLY HS	01/11/2010	03/12/2010	FUGE, THOMAS	MoodStabilizer,Psych
OF - STATE CORRECTIONAL	- LANE, CANDY	*	* Alprazolam 0.25mg Tab (XANAX)	1D QD	12/30/1999	02/05/2010	SMITH, ABBY	Benzodiazepine,Psych
OF - STATE CORRECTIONAL	- LANE, CANDY	*	Propoxy-r/apap 100-650 Ta (DARVOCE-T-N 100)	1D QD	12/30/1999	01/06/2010	FUGE, THOMAS	Analgesic
OF - STATE CORRECTIONAL	- LANE, CANDY	*	Propoxy-r/apap 100-650 Ta (DARVOCE-T-N 100)	1D QD	12/30/1999	01/30/2010	SMITH, ABBY	Analgesic
OF - STATE CORRECTIONAL	- LANE, CANDY	*	Propoxy-r/apap 100-650 Ta (DARVOCE-T-N 100)	1D QD	12/30/1999	02/05/2010	SMITH, ABBY	Analgesic
OF - STATE CORRECTIONAL	- LANE, CANDY	*	Propoxy-r/apap 100-650 Ta (DARVOCE-T-N 100)	1D QD	12/30/1999	12/07/2010	SMITH, ABBY	Hiv
OF - STATE CORRECTIONAL	88888 - MAYNARD, AARON JAMES	*	Adderall 15mg Tablet (AMPHETAMINE DEXTROAMPHETAMINE)	1D QD	12/30/1999	03/05/2010	FUGE, THOMAS	CnsStimulant,Psych
OF - STATE CORRECTIONAL	88888 - MAYNARD, AARON JAMES	*	Adderall 15mg Tablet (AMPHETAMINE DEXTROAMPHETAMINE)	BID	12/30/1999	01/06/2010	FUGE, THOMAS	CnsStimulant,Psych
OF - STATE CORRECTIONAL	88888 - MAYNARD, AARON JAMES	*	* Alprazolam 0.25mg Tab (XANAX)	1D BID	12/30/1999	03/05/2010	FUGE, THOMAS	Benzodiazepine,Psych
OF - STATE CORRECTIONAL	88888 - MAYNARD, AARON JAMES	*	* Diphenhydramine 25mg Ca (BENADRYL)	TAKE 2 CAPSULE(S) ORALLY DAILY	01/08/2010	01/12/2010	FUGE, THOMAS	Benadryl,Psych
OF - STATE CORRECTIONAL	88888 - MAYNARD, AARON JAMES	*	Lomotil Tablet (DI-ATRO)	1D QD	12/30/1999	03/05/2010	FUGE, THOMAS	GastroIntestinal
OF - STATE CORRECTIONAL	88888 - MAYNARD, AARON JAMES	*	Acetaminophen 325mg Tab (ANAPROFEN)		12/30/1999	02/03/2010	BAZZEL, JUDD	Analgesic
OF - STATE CORRECTIONAL	46321 - MYER, OSCAR	*	Albuterol 90mcg Inhaler (PROVENTIL)	INHALE 2 PUFF(S) ORALLY FOUR TIMES DAILY	01/15/2010	02/14/2010	BAZZEL, JUDD	Asthma
OF - STATE CORRECTIONAL	46321 - MYER, OSCAR	*	Albuterol 90mcg Inhaler (PROVENTIL)	INHALE 2 PUFF(S) ORALLY FOUR TIMES DAILY	01/15/2010	02/14/2010	BAZZEL, JUDD	Asthma
OF - STATE CORRECTIONAL	46321 - MYER, OSCAR	*	Albuterol 90mcg Inhaler (PROVENTIL)	INHALE 2 PUFF(S) ORALLY FOUR TIMES DAILY	01/15/2010	02/14/2010	BAZZEL, JUDD	Asthma
OF - STATE CORRECTIONAL	46321 - MYER, OSCAR	*	Albuterol 90mcg Inhaler (PROVENTIL)	INHALE 2 PUFF(S) ORALLY FOUR TIMES DAILY	01/15/2010	02/14/2010	BAZZEL, JUDD	Asthma
OF - STATE CORRECTIONAL	212121 - MYERS, TERRY L	*	Zyprexa 5mg Tablet (OLANZAPINE)	TAKE 1 TABLET(S) ORALLY HS	01/13/2010	02/12/2010	FUGE, THOMAS	AtypicalAntiPsych,Psych
OF - STATE CORRECTIONAL	55555 - MYERS, TERRY L	*	Cymbalta 20mg Capsule (DULOXETINE HCL)	TAKE 1 CAPSULE(S) ORALLY HS	01/13/2010	02/12/2010	BAZZEL, JUDD	AntiDepressant,Atypica
OF - STATE CORRECTIONAL	141414 - SHADLE, HEATHER MARIE	*	Trazodone 100mg Tablet (DESYRE)	TAKE 1 TABLET(S) ORALLY DAILY	01/19/2010	04/19/2010	BAZZEL, JUDD	AntiDepressant,Atypica

INVENTORY-PATIENT STOCK AND CONTROLLED STOCK

Inventory for controlled medications, stock medications and patient specific medications can be managed with great ease and accuracy using Sapphire.



The screenshot shows the 'Patient Inventory' interface with a search bar and two tables. The top table is 'Patient Inventory' and the bottom table is 'History'.

PK #	MEDICATION	PATIENT	QTY	LOG
35429806	ACETAMINOPHEN 300MG CPLT (TYLENOL EX STR)	MCNILEY, MICHAEL	90.00	
35429807	LIPITOR 10MG TAB W/D (ATORVASTATIN CALCIUM)	SMITH, BRAD	60.00	
35429808	LORATADINE 10MG TABLET (CLARITIN)	SMITH, BRAD	1,000.00	
35429809	VITAMIN C 500MG CAPS SA (ASCORBIC ACID)	MCNILEY, MICHAEL	55.00	
35429810	MULTI VIT FORMULA (MULTIPLE VITAMIN)	SMITH, BRAD	60.00	

PK	MEDICATION	PATIENT	PROD QTY	ADJUSTED QTY	LOG
35429809	VITAMIN C 500MG CAPS SA (ASCORBIC ACID)	MCNILEY, MICHAEL	55.00	55.00	
35429809	VITAMIN C 500MG CAPS SA (ASCORBIC ACID)	MCNILEY, MICHAEL	55.00	55.00	
35429809	VITAMIN C 500MG CAPS SA (ASCORBIC ACID)	MCNILEY, MICHAEL	55.00	55.00	
35429809	VITAMIN C 500MG CAPS SA (ASCORBIC ACID)	MCNILEY, MICHAEL	60.00	55.00	
35429810	MULTI VIT FORMULA (MULTIPLE VITAMIN)	SMITH, BRAD	30.00	60.00	
35429809	VITAMIN C 500MG CAPS SA (ASCORBIC ACID)	MCNILEY, MICHAEL	30.00	60.00	
35429808	LORATADINE 10MG TABLET (CLARITIN)	SMITH, BRAD	540.00	1080.00	
35429807	LIPITOR 10MG TAB W/D (ATORVASTATIN CALCIUM)	SMITH, BRAD	30.00	60.00	
35429806	ACETAMINOPHEN 300MG CPLT (TYLENOL EX STR)	MCNILEY, MICHAEL	60.00	90.00	
35429806	ACETAMINOPHEN 300MG CPLT (TYLENOL EX STR)	MCNILEY, MICHAEL	30.00	60.00	
35429810	MULTI VIT FORMULA (MULTIPLE VITAMIN)	SMITH, BRAD	0.00	30.00	
35429809	VITAMIN C 500MG CAPS SA (ASCORBIC ACID)	MCNILEY, MICHAEL	0.00	30.00	

With Sapphire, your facility will be able to manage all controlled medications utilizing an online double verification for all control counts. Any count discrepancies will need to be documented and a reason must be given; ensuring not only accuracy but also accountability.

Sapphire assists you to maintain medication inventory. Maximum and minimum quantities are able to be entered and Sapphire will notify you when your supply is running low.

This feature enables your facility to quickly assess your remaining stock supply and easily reorder the medication.

Medication inventory is based on actual administrations. As you scan orders in and as you administer doses, your inventory count will automatically adjust, and Sapphire has the ability to account for any dropped or damaged doses. We've also incorporated the ability to alert users when refills are due; and to initiate the process with the click of a button, eliminating the need for manually tracking refills and reorders.

TO LEARN MORE ABOUT THE FULL CAPABILITIES OF SAPPHERE OR TO REQUEST A DEMO, PLEASE CONTACT:
LORA ZACHESKY 1.800.882.6337 x1060 lzachesky@diamondpharmacy.com
NIKKI TUSKEY 1.800.882.6337 x1082 ntuskey@diamondpharmacy.com