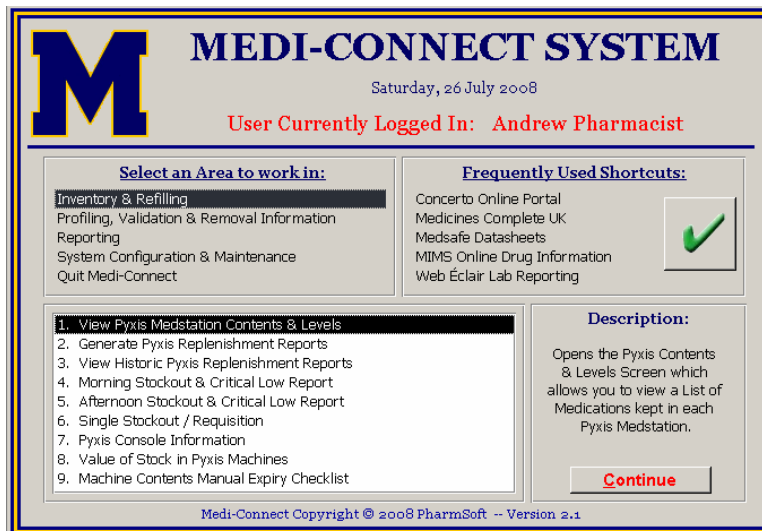


# PHARMSOFT LIMITED

Innovative Software Solutions for Pharmacy



Pharmsoft Limited is proud to present **Medi-Connect**: a software package that allows hospital pharmacies to interface easily, safely and efficiently with the Pyxis Medstation system. Medi-Connect can be run on any PC on the hospital network, unlocking the ability to generate profiles anywhere in Pharmacy or on the wards.

Medi-Connect was designed by a Pharmacist with an extensive working knowledge of the Pyxis system – this ensures that profiling, validation & refilling processes are efficient & can be achieved with speed & accuracy.

## Core areas of functionality offered include:

- Generating & sending orders to the Pyxis Medstation system with a clinical review or validation step central to the process.
  - **Profiling** (entry of medications) occurs through a clear, intuitive user interface, ensuring medicine charts can be processed efficiently. Medicines kept within the Medstation are clearly displayed allowing rapid evaluation of medicines that require dispensing.
  - **Validation** (clinical review) occurs in a secure area once the prescribed medicines have been profiled (entered into the system). Only pharmacists have access to this area and all actions are fully auditable to a user.
  - **Seamless** transmission to the Pyxis system occurs within minutes of validation, allowing the medicines to be removed for administration in the clinical areas.
- Efficient replenishment processes including refilling, stock-out and critical low reports that are clear & easy to read; display of current stock levels, and assists with stock expiry management.
- A wide range of built-in reports encompassing:
  - Inventory Management
  - Medication Removals
  - Override transactions
  - Medicine Usage Review
  - Profiling & Validation volumes
  - Medstation stock value
- Alerting functions – Medi-Connect can generate alerts when particular medicines are removed from any Pyxis Medstation, promoting the detection of interactions & notifying pharmacists of the use of high-risk medications (e.g. Gentamicin or Warfarin).
- Stable, supported Microsoft architecture; the Medi-Connect system runs on a SQL Server 2000 database and is accessed via a Microsoft Access 2003 Client. All data is stored on the SQL server; the client software provides the user interface.
- No third party software required; MS SQL Server interfaces directly with the Pyxis servers provided from Cardinal Health & the client accesses the Pyxis servers via an ODBC connection.

**Validate Items - Send medication to the Pyxis System:**

**Patient Details: PATIENT, CATHERINE MEGAN - (W26)** Time: 9:49:45 p.m.

**Items currently profiled on Pyxis (double click to delete from Pyxis):**

In Pyxis?	Medication Name (click to sort A to Z):	Status:
	SALBUTAMOL 5mg / 2.5ml nebule	
	IPRATROPIUM NEBULES 0.5mg / 2ml nebule	
	PREDNISON 20mg tablet	
	OMEPRazole 20mg capsule	
	SPIRONOLACTONE 25mg tablet	
	FRUSEMIDE (FUROSEMIDE) 40mg tablet	
	LOPERAMIDE 2mg capsule	
	CALCIUM CARBONATE (OSTEO 500) 1250mg tablet	
	SIMVASTATIN 20mg tablet	
	LEVODOPA/CARBIDOPA (SINEMET) 200mg/50mg CR tablet	
	PARACETAMOL 500mg tablet	

**Items queued for Validation (use buttons below to Send or Remove):**

Drug Code:	Medication Name:	Status:
TAB107	METOCLOPRAMIDE 10mg tablet	
INJ100	METOCLOPRAMIDE 10mg / 2ml ampoule	
PHS867	TRAMADOL 50mg capsule	
PHF380	TRAMADOL 100mg / 2ml ampoule	

Send Selected Items to Pyxis
Do NOT send Selected Items

Enter Patient NHI Number and Click Retrieve:

FPC8011

Search Again

Change Ward

WARD26

Show Full Screen

Patient Profile

Refresh

Return to Main Menu

Pyxis Validation Area displaying medicines currently profiled and available for removal in the top half of the screen, and medicines waiting for clinical review in the bottom section.

- Software is fully scalable; supports unlimited users with secure access (username & password); multi-site capable, manages an unlimited number of Pyxis Medstations.
- Can be run on any Windows based PC with access to the hospital network, allowing significant efficiencies to be gained compared with profiling directly onto the Main Pyxis server (Console).

### Pyxis Medstation Imprest Refill Report

This report shows the items below the Minimum level that require refilling in the selected Pyxis Medstation.

#### Demo Hospital - WARD26

Location	MedID	Medication Name:	Max	Min	Cur	Pick	Refill
2.17	4	PHA483 PROMETHAZINE 10mg tablet	25	4	2	23	___
7.0	4	PHB920 TENOXICAM 20mg injection	20	10	2	18	___
7.0	26	PHG326 MICONAZOLE Powder 2% / 30g Ea	2	1	1	1	___
8.0	14	PHG238 HEPARIN 5000IU / 0.2ml ampoule	60	30	23	37	___
8.0	51	PHC055 PROCTOSELYL OINTMENT 15G tube	2	1	0	2	___
9.0	1	PHB549 POTASSIUM CHLORIDE 0.75g / 10ml ampoule	60	30	25	35	___
9.0	29	PHM839 DUCOSATE & SENNA tablet	200	50	49	151	___

#### Medications due to Expire in the next 14 Days:

TENOXICAM 20mg injection	30/04/08	PARACETAMOL 500mg tablet	18/10/07
GLICLAZIDE 80mg tablet	30/04/08	EPHEDRINE SULPHATE 30mg / 1ml injection	30/04/08
DOXYCYCLINE 100mg tablet	30/04/08	DICLOFENAC EC 50mg tablet	30/04/08
METHOTRIMEPRAZINE 25mg / 1ml ampoule	30/04/08	AMIODARONE (Cordarone) 100mg tablet	30/04/08
DEXAMETHASONE 4mg / 1ml ampoule	30/04/08	PENYTOIN 100mg capsule	30/05/08
PREDNISON 20mg tablet	30/05/08	DOPAMINE 200mg / 5ml injection	30/05/08
FLUDROCORTISONE (=0.1mg) 100mcg tablet	30/05/08	BISACODYL 10mg suppos	30/05/08
MULTIVITAMIN tablet	30/05/08	DIPYRIDAMOLE S.R. 150mg tablet	31/05/08
OXAEPAM 10mg tablet	31/05/08	COLCHICINE 500mcg tablet	30/06/08
PERHEXILONE MALEATE 100mg tablet	30/06/08	DIAZEPAM 5mg tablet	30/06/08
PREDNISON 5mg tablet	30/06/08	CAPTAPRIL 25mg tablet	30/06/08

Example of a Pyxis refilling report with expiry information

### Pyxis Medstation Contents vs Usage Report

This report shows the contents for the selected Medstations with the total of the Maximum, Minimum, Current levels in ALL Medstations. The aggregated usage from ALL selected Medstations is then shown in decreasing order in the far right-hand column. This report is useful when determining the levels in Medstations that need to be increased or decreased.

Pyxis Machines selected to use the Contents & Levels from:

W10

Pyxis Machines selected to use the Last 30 Days of Usage from:

W10

Med ID:	Medication Name:	Max	Min	Cur	Usage:
PHV070	PARACETAMOL 500mg tablet	720	240	544	1408
PHG296	FRUSEMIDE (FUROSEMIDE) 40mg tablet	1000	100	451	434
PHS283	POTASSIUMCHLORIDE SR 600mg tablet	200	100	144	383
PHM839	DUCOSATE & SENNA tablet	200	50	115	378
PHK469	MULTIVITAMIN tablet	330	100	336	301
PHC092	OMEPRazole 20mg capsule	180	60	108	276
INJ031	CEFUROXIME 750mg vial	180	60	141	253
PHF983	OMEPRazole 40mg capsule	60	20	62	241
PHB403	CALCIUMCARBONATE (OSTEO 500) 1250mg tablet	200	50	143	235
PHV008	ISOSORBIDE MONONITRATE CR 60mg tablet	60	30	33	165
PHF092	GABAPENTIN 300mg capsule	20	10	12	162
PHC538	CILAZAPRIL 0.5mg tablet	60	20	40	160
PHF146	AMOXICYCLIN/CLAVULANIC ACID 500mg/125mg tablet	180	60	140	149
PHR610	ENALAPRIL 5mg tablet	90	30	103	148

Example of a report showing Medstation levels vs usage

For more information, please contact David Ryan on (09) 974-9878 or 021-767-900  
 PHARMSOFT LIMITED. P.O. Box 36541, Northcote, Auckland, N.Z. [david@pharmsoft.co.nz](mailto:david@pharmsoft.co.nz)