



## AUTOPHARM3: Medication Management Software

### Specification Sheet

**AutoPharm<sup>®</sup>3** is a powerful software platform designed to deliver improved patient safety through better medication inventory control and workflow management in your central pharmacy. It works throughout your organization to automate your medication ordering, receiving, stocking, picking, barcoding, and return processes.

## AUTOPHARM3: Complete Medication Management

**Powerful AutoPharm®3 software** is designed to improve medication management throughout your organization, including multiple facilities and remote inventory locations. It provides real-time perpetual inventory management and enables centralized ordering. AutoPharm3 synchronizes user workflow to optimize automated dispensing unit (ADU) replenishment and cart fills. It supports automated medication packaging, and works with your bedside and barcode verification systems for enhanced efficiency, greater inventory control, and improved patient safety.

**Efficient pharmacist checks.** Quick check-scans help your pharmacist perform and document medication checks on all orders.

- Allows real-time views of medications that have not been checked
- Enables documentation and remediation of the unchecked medications
- Gives administrators the ability to document and print reports of what was checked and by whom

**Automated ADU integration.** Provides a seamless interface with the Cardinal Procar database, allowing AutoPharm3 to replenish medications in Pyxis® ADUs.

- Enables Cardinal Assist and backordered Assist orders to be automatically or manually replenished
- Allows automatic replenishment of stock outs, critical lows, and load medication orders for Cardinal Assist and backordered Assist orders, within the pharmacy
- Enables batch picking for a particular medication across all ADUs

**Reliable high-alert medication warnings.**

AutoPharm3 helps fulfill Joint Commission (JCAHO) and ISMP recommendations for handling high-alert medications.

- Prints distinguishing label for each high-alert medication order
- Special indicators, reports, and appropriate caution and warning messages within the Pharmacist Check workflow

**Improved order readability.** AutoPharm3 provides enhanced details on dispensing labels to help technicians and nursing staff differentiate look-alike/sound-alike medications.

- Enables the use of the “Tall Man” lettering (e.g., DimenhyDRINATE vs. DiphenhydrAMINE) to help distinguish between look-alike medications on screens, menus, and printed labels
- Allows quick, toolbar access to modify medication names to “Tall Man” lettering

**Easy installation.** AutoPharm3 eases the installation and configuration process.

- User-friendly interfaces to facilitate user permissions management, label layout, device management, and checking transaction process
- Combines all installation processes into a single executable file and provides more user-friendly interfaces
- Eliminates the need to dive into code or databases to make configuration changes

**Broader inventory controls.** AutoPharm3 extends inventory controls to all locations within the pharmacy and beyond to remote inventory locations.

- Provides richer support for all inventory locations, including static shelving, satellite locations, and multi-hospital systems
- AutoPharm3 has been proven in multi-site configurations, providing support for remote hospitals and clinics

# AUTOPHARM3: Software Functions & Features

<p><b>NDC</b></p> <p>Add, delete, or view items on the master NDC list</p> <p>Multiple NDC associates allowed for each drug, including Carecast, Mnemonic, NDC, PARx, and UPC</p> <p>Carecast Robot Ready button</p> <p>Verify Scan tab for quick NDC checks</p>	<p><b>MANUAL PICK</b></p> <p>Retrieve medication without an electronic order</p> <p>Patient and order information can be added to the orders</p> <p>Medications can be located by charge code or identifier</p> <p>Specific scanner selection in multiple scanner pharmacy</p>	<p><b>REMOTE LOCATIONS</b></p> <p>Allows users to set up and process orders for remote stations</p> <p>Limited Formulary website to place secure orders from any networked computer</p> <p>Custom pick list</p> <p>Order amount restrictions for remote locations</p>
<p><b>FORMULARY</b></p> <p>Choice of active or inactive setting for new medications</p> <p>Edit Formulary tab</p> <p>Process Formulary tab</p> <p>View complete list of medications in the database</p> <p>Automatic formulary updates</p> <p>Edit medication info</p> <p>Edit wholesaler IDs</p> <p>Setting High-Alert status</p>	<p><b>CONFIGURE</b></p> <p>Allows administrator to customize workstation configurations</p> <p>Client configuration settings for PC</p> <p>Miscellaneous Codes tab</p> <p>Reorder Sources tab</p> <p>DEA Class tab</p> <p>AHFS Codes tab</p> <p>Facilities tab</p> <p>Wholesalers tab</p>	<p><b>REPORTS</b></p> <p>Centralized reporting tools to print or view reports</p> <p>Quantity on Hand Greater than Maximum report</p> <p>Empty Location report</p> <p>AutoPack Orders report</p> <p>Drug-Identifier Cross-Reference report</p> <p>Medication Activity History report</p> <p>Pharmacist Check report</p> <p>Pharmacist Audit Check report</p>
<p><b>DRUG LOCATION</b></p> <p>Activating locations and print location labels</p> <p>Access a list of medications and their locations</p> <p>High-visibility Find feature</p> <p>Bin label printer access and print bin labels</p> <p>Dual display of available storage devices and the drug list with bin and slot information</p>	<p><b>RECEIVE ORDERS</b></p> <p>Import a PO file from the wholesaler</p> <p>Select a wholesaler</p> <p>Unrecognized medications shown in red</p> <p>Print Location Labels tab</p> <p>Verify Scan tab allows NDCs to be checked while receiving orders</p>	<p><b>FACILITY</b></p> <p>Access or change hospital and pharmacy information</p> <p>Zones tab</p> <p>Storage Devices tab</p> <p>Pick Types tab</p> <p>Label Layout tab</p>
<p><b>RESTOCK</b></p> <p>Separate Returns and Restocks processes for improved workflow</p> <p>Bin label scans to verify the item has been correctly returned</p> <p>Zone selection</p> <p>Allow change of location so items can be returned to another location</p> <p>Held queue for processing carousel or remote location restocks</p> <p>Allows Immediate or Held returns to the carousel or remote location</p>	<p><b>ORDER</b></p> <p>Choice of placing an order for a specific device or for all devices</p> <p>Choice of internal or wholesaler order</p> <p>Place a suggested order for replenishment</p> <p><b>MULTIPLE FACILITY SUPPORT</b></p> <p>Complete multi-facility support with centralized ordering and administration</p> <p>Internal ordering enables one facility to order medications from a second facility, or a closed facility to forward orders to an open facility</p>	<p><b>DATABASE</b></p> <p>Redesigned SQL database</p> <p>Higher levels of data integrity</p> <p>More configurable system security</p> <p><b>WORKFLOW</b></p> <p>Build Restock or Return queue without interrupting dispense</p> <p>Returns and Restocks processed outside of the Dispensing Manager for uninterrupted workflow</p>

## AUTOPHARM3: Hardware Specifications

	SERVER	WORKSTATION
<b>Operating System</b>	Windows® Server 2003 R2 Standard Edition	Windows Vista® Business Windows XP Pro
<b>Processor</b>	Intel® Quad-Core Xeon® 2.66 GHz	Intel Core™2 Duo T7300
<b>Memory</b>	4 GB, expandable to 32 GB	2 GB
<b>Hard Drive</b>	Two (2) 72 GB hot-swap, 2.5, SAS, 10,000 RPM Two (2) 146 GB hot-swap, 2.5, SAS, 10,000 RPM	40 GB, 2.5"
<b>Optical Drive</b>	CD/DVD Combo	CDRW/DVD Combo
<b>Connectivity</b>	Two (2) embedded NC373i Multifunctional Gigabit Network Adapters with TCP/IP Offload Engine	One (1) On-Board Intel 82566DM Gigabit Port, One (1) via PCI Expansion Slot, 4 USB Ports
<b>Power</b>	50/60 Hz, AC 90-264 V, 800W, HP Hot Plug / Redundant Power Supply	19 VDC
<b>UPS</b>	800VA, 540W 17.9 min Backup Time (at ½ load), Surge Protection 320 Joules	Compact 650VA, 390W, 15 min Backup Time (at ½ load), Surge Protection Rating 365 Joules
<b>Dimensions</b>	3.4" x 17.5" x 26" 45 lbs	17.55 x 13.85 x 2.9 15.7 lbs
<b>Environmental</b>	Operating Environment: 50-95°F, Relative Humidity: 10-90%, BTUs per hour: 1907	Operating Environment: 30° to 120° F Relative Humidity 10 - 90% non-condensing
<b>Included Utilities</b>	PowerBuilder® Bomgar™ Client Ajax SQL 2005 Service Pack 2 .NET Framework 2.0.exe file Internet Information Services (IIS)	Talyst® AutoPharm®3 Label Printer Drivers Serial Port Driver Bomgar Client Crystal Reports® Adobe® Reader Word Viewer 2003 Excel Viewer 2003 Serial Port Software