

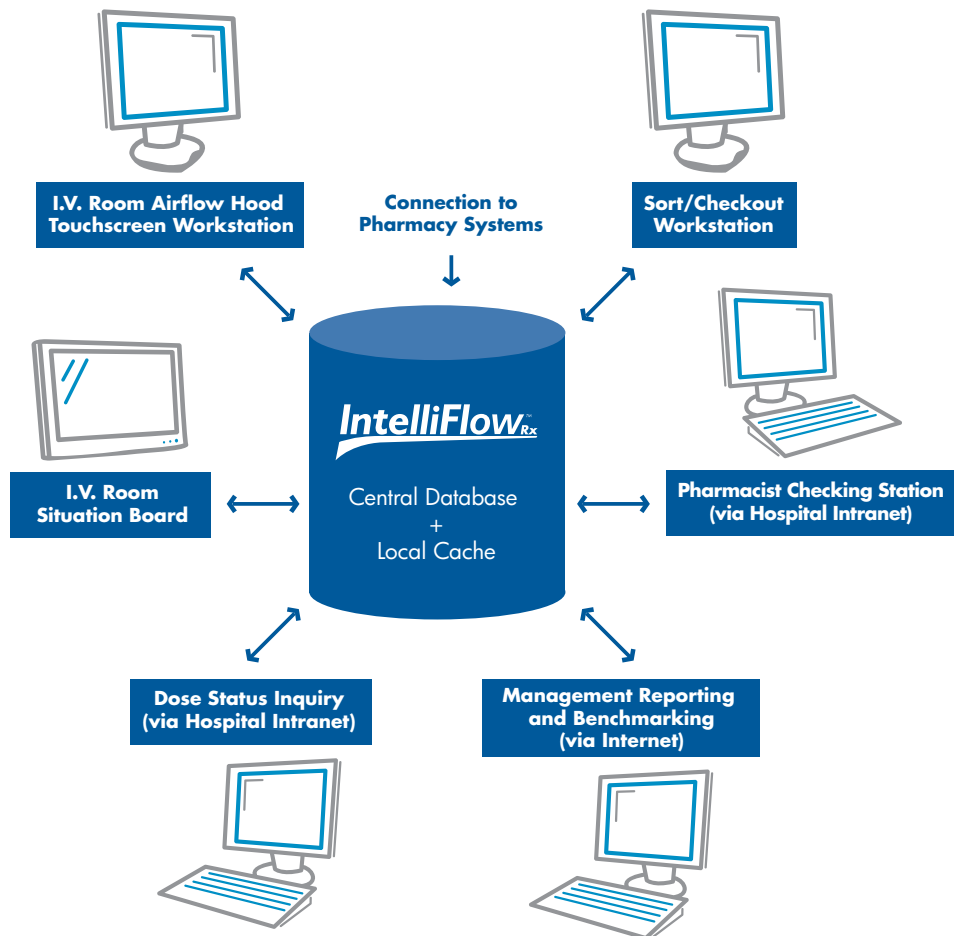
IntelliFlowTM_{Rx}

I.V. Room Workflow Manager

The world's first fully integrated workflow manager for I.V. rooms.

Improve patient safety, reduce opportunities for errors, and improve efficiency

- Eliminates key causes of missing doses and remakes
- Reduces the need for pharmacists to enter the I.V. Room or “gown up” to inspect doses
- Eliminates key sources of preparation errors
- Solves CMS NDC code capture/reporting problem for I.V. doses
- Eliminates stacks of labels – no more sorting, bursting, or carrying labels around
- Provides a complete audit trail – always be able to go back and check one more time



Certainty, Speed and Precision – One I.V. Dose at a Time

Component	Capabilities	Requirements
Label Processor and Local Database Cache Server	<ul style="list-style-type: none"> - Receives all dose information from Pharmacy System - Every dose is visible and accounted for – no dose is ever lost! - Continuously updates and sorts doses to be produced - Integrated formulary alerts IntelliFlow_{Rx} System to doses involving high-risk or short effectiveness drugs - Automatic sorting and distribution of dose orders to proper workstations and IntelliFill_{Lite} if present - Continuously and securely backed up to IntelliFlow_{Rx} Central 	<ul style="list-style-type: none"> - Microsoft Windows XP PRO SP2 - Microsoft Internet Information Services (IIS) - 2 100 GB mirrored drives (RAID 1) - 2GB RAM - Internet Connectivity – broadband performance required
Situation Board	<ul style="list-style-type: none"> - Available anywhere on hospital's intranet - Every dose is visible and accounted for – no dose is ever lost! No expensive and time consuming re-makes - Continuously updated with a complete view of the current status and workload of the I.V. Room - Continuous view of backlog of doses to be compounded - Continuous view of in-process doses presently being compounded at flow hoods - Continuous reminder of “time to next dose due” - Continuous reminder of remaining time to compound doses with short effective periods 	<ul style="list-style-type: none"> - Microsoft Windows OS - Internet Explorer 6 (or higher) - Adobe SVG Viewer 3.03 - Widescreen PC monitor (16:9 aspect ratio; 1366x768 resolution)
Pharmacist Checking Workstation Client	<ul style="list-style-type: none"> - Available anywhere on hospital's intranet - Complete dose inspection and approval can be done remotely! High resolution digital images of all products utilized – double-checked via barcode scanning – and all dose measurements enable a thorough and complete inspection without entering the I.V. room - Continuously updated with the full audit trail for each dose prepared 	<ul style="list-style-type: none"> - Microsoft Windows OS - Internet Explorer 6 (or higher)
Pharmacy Tech Workstation	<ul style="list-style-type: none"> - Touchscreen user interface designed for highest efficiency and ease of use - Integrated barcode scanning ensures correct product(s) matched to correct patient doses with immediate feedback if a potential error is detected - Integrated products formulary enables automatic calculation of dose amounts - Dose Labels printed on-demand as work on their compounding is begun – all I.V. doses are bar coded - Intermediates produced – such as reconstituted drugs – are bar code labeled, tracked, and identified - Verification and audit trail of dose measurements and product labels including lot numbers, expiry dates, etc. as needed is provided by a fully integrated high resolution digital imaging system operated via a footpedal - Digital imaging and bar code verification enable complete remote dose inspection to be done remotely - Incorporates a flexible best practices I.V. dose preparation workflow - All completed doses are immediately available at IntelliFlow_{Rx} Pharmacist Checking Workstation 	<ul style="list-style-type: none"> - Tangent model 7500K all-in-one - Microsoft Windows XP PRO SP2 - Touch screen interface and drivers (optional) - 1 GB RAM - 80 GB hard disk - 4+ USB ports - 1 parallel printer port - Network port - Barcode scanner: HHP 4820-HFSTAND5E or HHP 4600g (Scanner part #4600GSR051CE 4600g Scanner, Cable part #42206202-02E 9' USB Cable) - Label printer: Zebra TLP3844-Z - Camera: Lumenera Lu175 - Camera mount: Sunpak Model 620-CNSBB - Foot pedal: Kinesis Savant Elite USB - Custom touchscreen mounting hardware available from GermFree, Ormond Beach, FL
Sort/Checkout Workstation	<ul style="list-style-type: none"> - Touchscreen or Standard Mouse/Keyboard User Interface - Barcode scanning used to identify doses that have been approved at Pharmacist Checking Workstation - Doses that failed inspection positively identified and will have been automatically re-queued - Final Approval label is printed only for approved doses 	<ul style="list-style-type: none"> - Touchscreen (Tangent 7500K) or Standard PC - 1 GB RAM (minimum – 2 GB recommended) - Network Port - Hard Drive – OS minimum + 1GB for IntelliFlow_{Rx} client use - 1 parallel port - 4 USB ports - Microsoft Windows XP PRO SP2 - Barcode Scanner (same HHP models as Pharmacy Tech WS) - Label Printer (Same Zebra as pharmacy Tech WS) – optional
IntelliFlow_{Rx} Central Database	<ul style="list-style-type: none"> - Securely backs up local server/cache - Complete management reporting suite provides a complete view of I.V. room workload trends, efficiency - Can be configured to provide reports on multiple I.V. rooms within a hospital and multiple hospitals within a hospital network 	
Other Web-Based Pharmacy Inquiry Workstations	<ul style="list-style-type: none"> - Available anywhere on hospital's intranet - Query the status of any dose in seconds. Every dose is visible and accounted for – no dose is ever lost 	<ul style="list-style-type: none"> - Microsoft Windows OS - Internet Explorer 6 (or higher)

Additional Compatible Hardware will be included in the IntelliFlow_{Rx} Hardware Compatibility List as items are tested and approved.