

smiths medical



PharmGuard® Infusion Management System

Enhancing patient safety and clinician workflow with the Smiths Medical infusion portfolio

SAFE, SIMPLE, SMART, SECURE

A smart infusion platform with simple actionable data through safe and secure connectivity.

Integrated PharmGuard® infusion management system including medication safety software can help minimize infusion errors. The configurable system supports hospital-wide optimization through actionable data for quality infusion management.

50% OF THE
1.5 MILLION MEDICATION
ERRORS OCCURRING
IN THE UNITED STATES
EVERY YEAR ARE
INFUSION RELATED.¹



Safe

- Helps prevent medication programming errors with medication safety software
- Allows informed care decisions through monitoring of real-time patient data in the EMR and PharmGuard® system
- Tracks compliance of medication library utilization by facility and care area



Simple

- Actionable reports, with simple drill down capability, to inform infusion management decisions
- Allows easy assessment of medication library compliance by clinical environment
- Accurately tracks infusion pumps throughout your facility by integrating with your real time location system (RTLS)



Smart

- Removes manual programming steps with smart pump programming and manual documentation steps with auto-documentation through EMR interoperability
- Deploys medication libraries and device software wirelessly

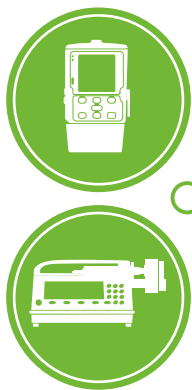


Secure

- Compliance with FDA's guidance for cyber security recommendations with the PharmGuard® system
- Proactive engagement with government agencies on threat assessment and vulnerability scoring

PharmGuard® Infusion Management Software

One system for your entire platform



CADD®-Solis Ambulatory Infusion Pump
Medfusion® Syringe Infusion Pump



Electronic Medical Records
• Smart Pump Programming*
• Auto-Documentation*



Real Time Location System (RTLS)



Alarm Management



Equipment Management

*Medfusion® pump only

Smart pump programming:

Allows infusion program settings to be passed from the EMR through the server to a patient's pump for confirmation/activation. This helps reduce programming errors, improves clinician workflow, and provides CQI data.

Auto-documentation:

Allows infusion data to be sent from the pump through the server into the EMR for charting/documentation. This saves clinicians time in their daily workflow, increases documentation accuracy, and improves patient safety by reducing manual data entry errors.

The PharmGuard® Infusion Management System leverages one platform to manage medication administration across an entire enterprise and by individual facility.

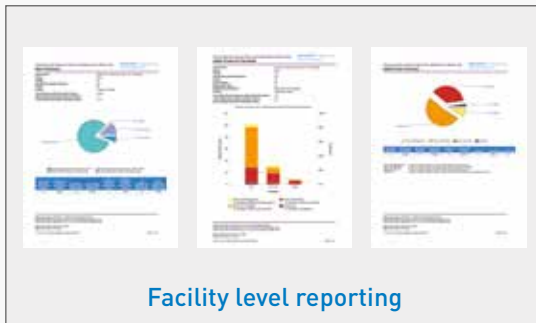
Continuous Quality Improvement

- 42 reports in 7 categories: Pain Management, Protocol Compliance, Protocol Utilization, Safety Events, Device Event, Alarm Event, and Clinical Engineering
- Allows reporting for individual facilities or across the enterprise
- Drill down within reports for more detailed information
- Tracks medication library use and confirms that infusions comply with pharmacy dosing and medication administration facility standards
- Automates delivery of email reports at preferred intervals

INFUSING

CONNECTING

REPORTING



Pathway to an Integrated Solution

The PharmGuard® infusion management system can meet you where you are today and scale with your future needs, providing you with a pathway to a fully integrated solution.



Wireless Communication

- Deploy medication libraries
- Update device software
- Track device activity

Informed Decisions

- Insight into medication delivery and compliance
- Optimize patient safety
- Improve device utilization

Interoperability Solutions

- EMR integration
 - Smart pump programming*
 - Auto-documentation*
- Alarm management
- Equipment management
- Real time location system

*Medfusion® pump only

References

1. Lahue BJ, Pyenson B, Iwasaki K, Blumen HE, Forray S, Rothschild JM. National burden of preventable adverse drug events associated with inpatient injectable medications: Healthcare and medical professional liability costs. *Am Health Drug Benefits*. 2012;5(7):1-10.



Our passion for having a positive impact on peoples' lives is what drives us.

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For more information, visit our web site at www.smiths-medical.com

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