

DoseEdge Pharmacy Workflow Manager

Frequently Asked Questions



What is the **DoseEdge Pharmacy Workflow Manager**?

The **DoseEdge** System is a pharmacy workflow solution that integrates with a hospital's Pharmacy Information System (PIS) to assist with the preparation and management of IV and oral liquid doses. The software manages the workflow for both patient-specific and stock doses from routing orders to the appropriate preparation area to aiding with preparation and remote inspection to dose tracking and detailed reporting. Through its unique features, the **DoseEdge** System helps promote dose preparation safety, reduce waste and enhance pharmacy productivity.

How can the **DoseEdge** System help me?

The **DoseEdge** System is the leading pharmacy workflow management system that automates the entire IV and oral liquid dose preparation and dispensing process to help:

- Promote Dose Preparation Safety
 - Automatic calculations and barcode verification of ingredients help reduce key sources of preparation errors, including wrong drug selection and incorrect dose concentration
 - Standardized preparation steps facilitate uniform processes among users
- Reduce Waste – opportunities for waste reduction include the ability to:
 - Identify errors prior to admixture to reduce rejections and remakes
 - Use unexpired returned doses to fill other medication orders
 - Automatically remove discontinued doses from the preparation queue
 - Implement just-in-time dose preparation
 - Utilize dose tracking to minimize lost or missing doses
- Enhance Pharmacy Productivity
 - Remote dose inspection and approval frees pharmacists to concentrate on clinical activities
 - Reporting functions within the **DoseEdge** System allow for analyzing error rates, trending of workloads and other productivity measures

DOSEEDGE
Pharmacy Workflow Manager

The **DoseEdge** System is not intended to replace the knowledge, judgment or expertise of pharmacists and pharmacy technicians in the preparation of IV admixtures or oral liquid doses.

For safe and proper use of the devices referenced herein, refer to the appropriate manual.

FREQUENTLY ASKED QUESTIONS

How does the DoseEdge System work?

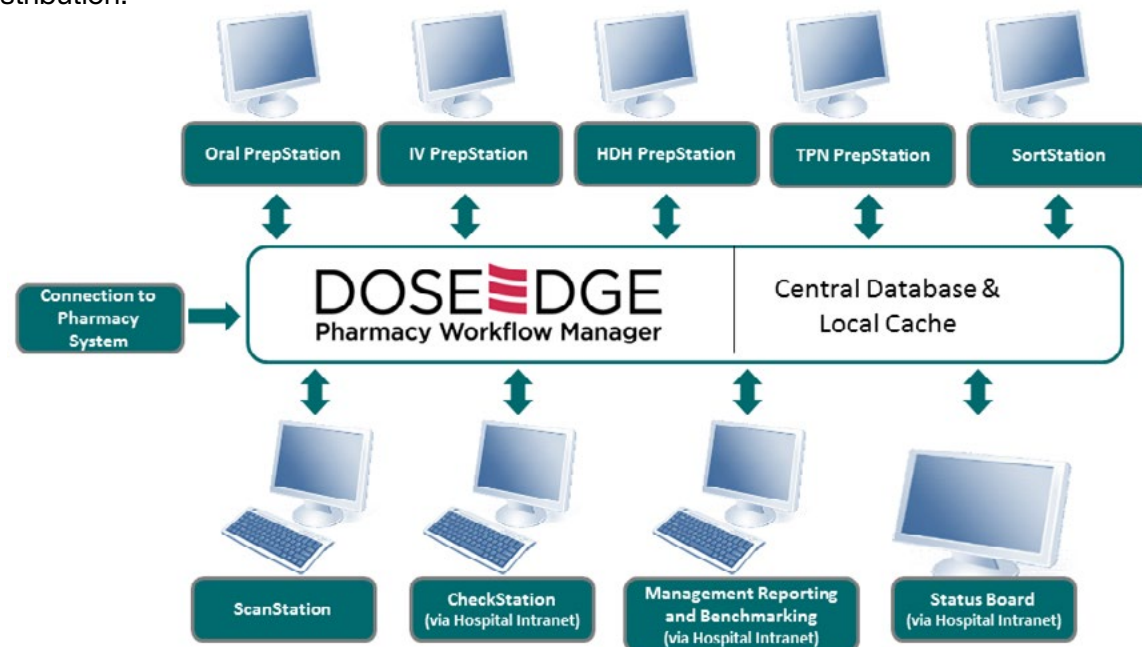
When a dose is needed, your pharmacy information system (PIS) prints a label for each dose ordered. The **DoseEdge** System emulates that printer to capture the order. A label processor parses the order into a set of data that is stored in a database. The **DoseEdge** System uses that information to track each dose order and route it through the dose preparation process. In some cases, an HL7 interface can also be used to accept dose orders from the PIS.

Doses are prepared at PrepStations, based on rules that determine which doses can be prepared at that location (e.g., if a PrepStation is located at a satellite that fills only non-hazardous orders, the **DoseEdge** System will send only non-hazardous dose orders to that PrepStation).

What is the typical workflow with the DoseEdge System?

In general, the workflow for processing a non-hazardous dose using the **DoseEdge** System is as follows:

1. The technician monitors an electronic dose queue at the PrepStation and processes doses based on priority indicators; individual patient labels print as doses are processed.
2. The technician follows onscreen instructions to prepare the dose. Barcoded drug containers are scanned and verified as being acceptable for use in making the dose. The technician also captures digital images of the compounding process for later review by a pharmacist.
3. The technician quarantines completed dose(s), products and preparation materials until verified by a pharmacist.
4. The pharmacist uses a web-based CheckStation to inspect doses remotely, reviewing detailed information and images captured by the technician during preparation.
5. The Status Board is used to monitor when doses are approved and ready for distribution to the floor.
6. The technician/pharmacist sorts doses for distribution and a verification label is printed and applied to the dose.
7. Verified doses that are ready for distribution can be tracked outside the pharmacy using a mobile barcode scanner.
8. Status Boards positioned in the pharmacy and/or nursing areas provide ongoing visibility to the status and location of individual doses as they move through the phases of queuing, preparation, approval and distribution.



What do I need to get started?

We'll first need to understand your current workflow to assess your pharmacy's specific IV (and/or oral liquid) preparation needs and requirements. A contract is drafted that includes recommended hardware, implementation fees and pricing. Once the contracting process is complete, an internal team from your institution's pharmacy and IT departments must be identified to assist with the implementation of the **DoseEdge** System.

What is the implementation process?

The implementation process takes approximately four to six months, although this varies by facility.

The implementation process occurs in four phases:

1. Pre-Implementation
2. Kick-Off
3. Build, Train and Test
4. Go-Live

The amount of customization needed by the facility dictates the duration of each implementation phase.

Additional details on the implementation process can be found in our booklet entitled, "Implementation: What You Need to Know" (USMP/MG84/14-0025).

Can the DoseEdge System replicate the labels I currently produce?

In many cases, yes; or you can use one of the standard **DoseEdge** System label designs, which are customizable to your facility's requirements. If you elect to have your label replicated, it will extend both the label processor configuration step and the time needed to prepare and test your dose labels.

Can the DoseEdge System be set up to be billed through a wholesaler?

No. Currently, we do not have a way to have monthly subscription fees billed through your wholesaler.

Where can I get a demonstration of the DoseEdge System?

Demonstration videos are available at www.youtube.com/baxterpharmacyops. For an onsite demonstration, contact your Baxter representative at 800-422-9837.