

# Manufacturing Information Portal (MIP)



Keep track of key performance indicators at a glance.

- Snap-in functionality
- Easily understood metrics
- Configurable workspace
- Grid layout for displaying services
- Flexible inclusive/exclusive permission setting
- Ability to display information about other applications, including DeltaV digital process automation system
- Permissions for each service allow user groups to view appropriate information
- Microsoft .Net application built for the life science industry
- Can be used standalone or bundled with other Syncade™ Smart Operations Management modules to maximize productivity

## Introduction

Real time metrics and performance statistics can give managers unparalleled insight into where their operations excel and where they could use some help. However, implementing such solutions has always been difficult for most cGXP life science manufacturers. Manufacturing Information Portal provides a window into your operations. Featuring snap-in functionality and easily understood metrics, MIP gives managers the tools they need to effectively compete in today's changing world.

## Benefits

**Snap-in functionality.** MIP's connectivity to devices and systems enables all types of third-party, web-based information to be easily displayed, using Microsoft standard webparts.

**Configurable workspace.** The workspace is customizable to suit the needs of any user, allowing for user-friendly, intuitive presentation of information. Libraries allow for creating user-defined views.

**Simplify validation.** Because MIP is a true zero-client, web-based solution, you can quickly install, validate and deploy the solution to all your users from a centralized server and begin to realize the benefits immediately.

## Product Description

MIP features a completely configurable workspace that allows managers and other personnel to subscribe to services. Organizations are able to use Emerson-supplied services, or can create their own to provide specific information, functionality, or metrics concerning Syncade modules or third-party applications. Services are displayed in a grid layout within the MIP workspace and can be moved and positioned to suit a user's particular preference. Syncade administrators are able to set permissions for each service, allowing or disallowing specific user groups from subscribing to certain services.

MIP can also display information about other applications used within the manufacturing facility. For example, MIP provides a service to show the status of a process within the DeltaV digital automation system, thus providing all the information needed by managers and decision-makers in one central area: Management Information Portal.

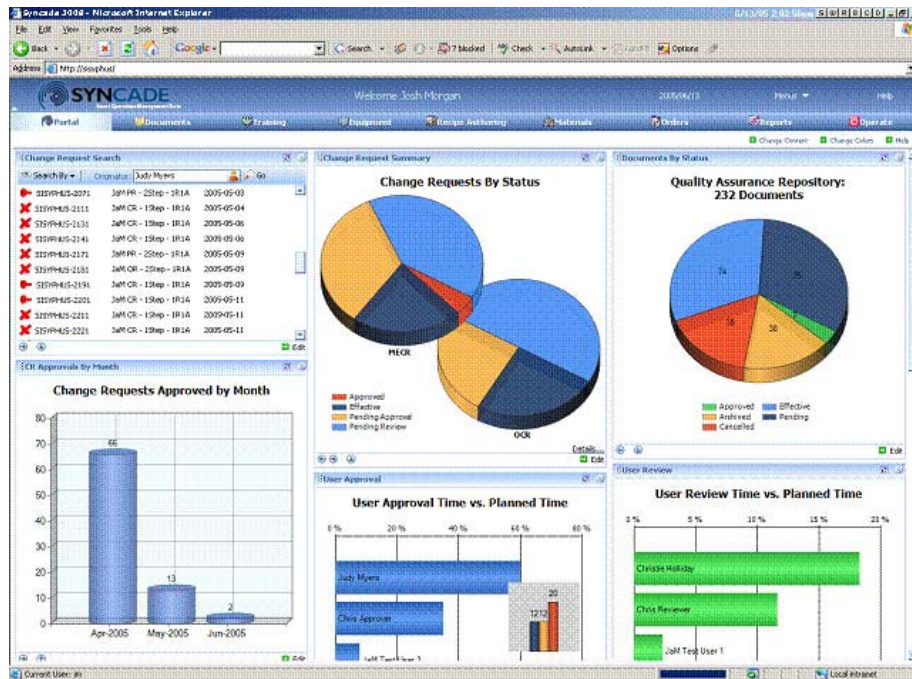
MIP can be used standalone or bundled with other Syncade software modules for maximum productivity.

### **Other Syncade Smart Operations Management Modules**

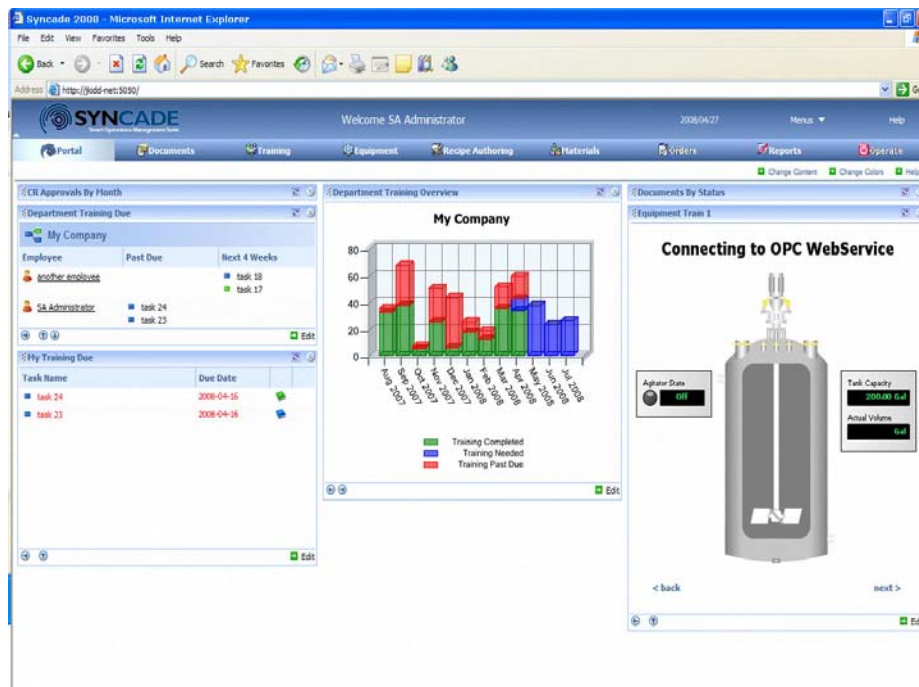
- Equipment Tracking (ET)
- Electronic Batch Record (EBR)
- Materials Management (MM)
- Batch Production Records (BPR)
- Training & Development (TD)
- Recipe Authoring (RA)
- Document Control & Archiving (DCA)
- Security and Audit (SA)
- Weigh and Dispense (WD)

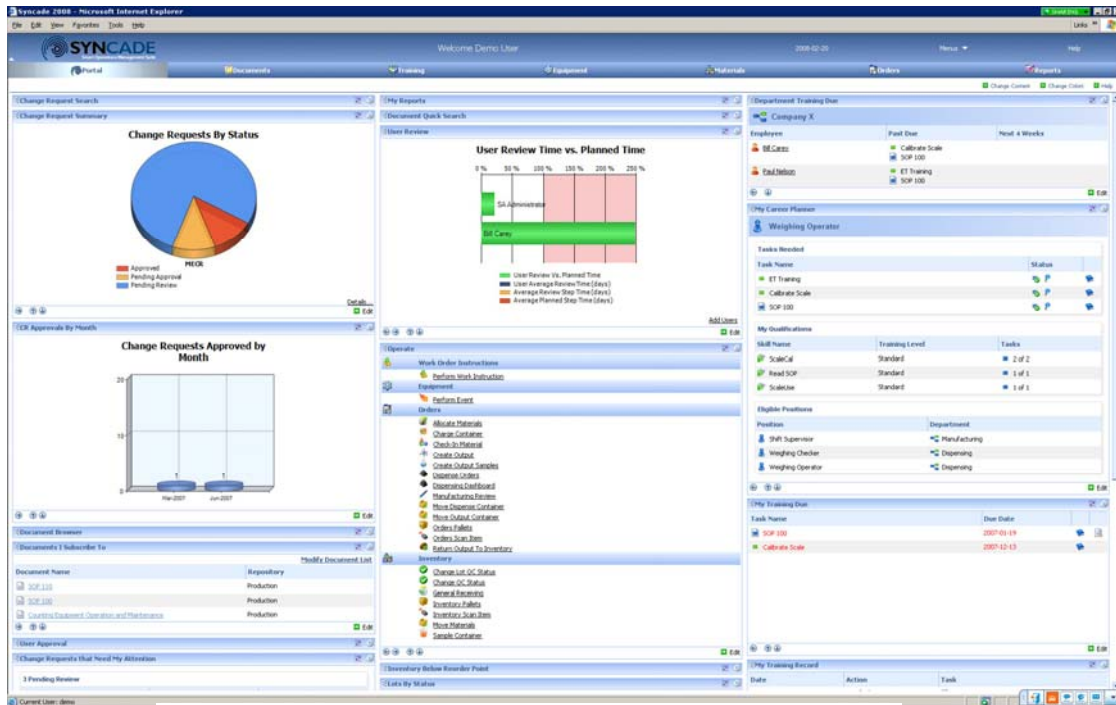
### **General System Requirements**

A server-class PC with Internet Explorer is needed to support the Syncade solution. Microsoft SQL Server is the underlying database. For client access, a PC with Internet Explorer is needed. Please consult the factory for further details regarding hardware requirements and software versions.



MIP provides quick access to an unlimited amount of information in a wide variety of easy-to-process graphical displays.





Permissions allow user groups to view appropriate information.

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