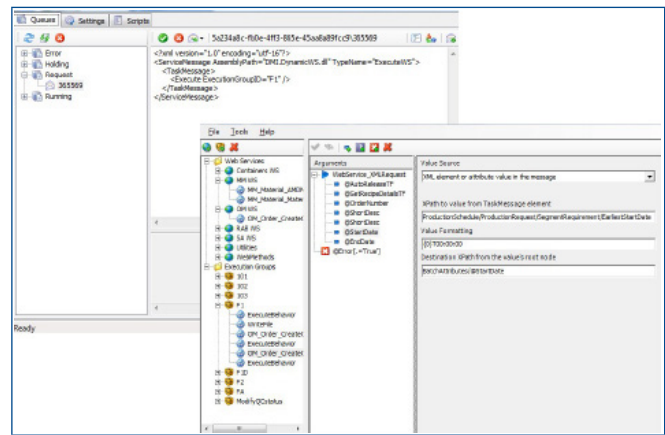


Message Broker

- Integrate business and manufacturing software systems
- Customize to meet your needs
- Receive abnormal situation alerts, asynchronous transaction processing, and guaranteed message delivery



Highly configurable to meet your manufacturing needs.

Overview

Syncade MES offers a modular IT solution to increase performance by integrating the various computerized systems involved in the manufacturing process. By eliminating these silos of disparate information, you can coordinate various work processes governed by these different applications into one easy-to-use system.

Syncade's Message Broker solution enables communication between systems through controlled information transaction management. The Message Broker solution provides a configurable service-oriented architecture that enables Syncade to process XML transactions to and from other manufacturing systems to coordinate the various systems used in your manufacturing process.

Single System Visibility

Integrate business and manufacturing software systems.

Most manufacturing facilities use numerous systems that often do not communicate with each other, resulting in an inefficient use of time and resources. The Message Broker solution enables easy communication between business and manufacturing systems to improve productivity by coordinating activities and eliminating duplicate efforts or manual data entry.

Automatically create manufacturing orders with automated downloads from the ERP. Reconcile Bill of Materials in your ERP while pulling process data from your control system, CMMS systems, lab systems, deviation systems, and more. Use the Syncade MES as a single engine tool to gather the full picture of data from the manufacturing process. Synchronize your key business and plant floor systems for total knowledge management.

Highly configurable. Every transaction has unique settings, such as retries, logging, and email notification, which are required to meet production needs. The Message Broker helps you facilitate these settings so you notify the proper individuals of issues, rather than sending a central email for all errors.

Overcome system downtime. Use Syncade to continue the manufacturing process even when other systems may not be available. The Message Broker allows for the number of attempts to be configured before time out. Email notification of a time out can be sent immediately – helping to quickly identify if another system has gone down. Upon restart of the downed system, failed transactions can be reprocessed. This capability enables real-time troubleshooting and monitoring of the process.

Complete Solution

The Message Broker is a centralized queue for performing communication tasks between Syncade MES modules and third-party applications to synchronize functions and share information. The module manages the lifetime of those tasks and provides logging and notification services for each task.

Through Message Broker, disparate systems can communicate to Syncade, which then provides a single access point to various data sources to improve productivity and expedite product releases.

Other Syncade Manufacturing Execution System Solutions

The Syncade MES supports several Operations Management solutions, including Document Management and Electronic Batch Records. Visit our website to see the complete list of Syncade modules and solutions.

General System Requirements

One or more network application servers and a Microsoft SQL Server are required to support Syncade solutions. Please consult the factory for further details regarding hardware requirements and software versions.

Ordering Information

Description	Part Number
Message Broker Solution	DF1005

Emerson

North America, Latin America:

+1 800 833 8314 or
+1 512 832 3774

Asia Pacific:

+65 6777 8211

Europe, Middle East:

+41 41 768 6111

www.emerson.com/syncade

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