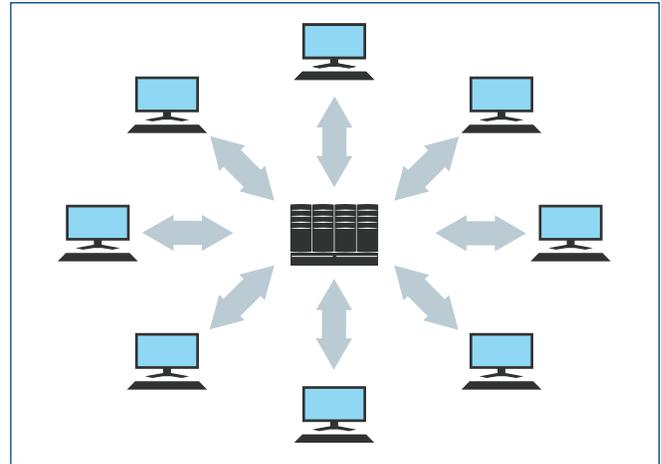


Message Broker

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



Overview

Syncade Suite 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 module enables communication between systems through controlled information transaction management. The Message Broker module 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 module 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 Syncade 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 module 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 module 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.

