

ProcessLIMS

1. Background

There is an increasing demand for greater information of manufacturing and quality systems to the manufacturing batch. The events and information that occur at each stage of manufacturing in the process are related to the batch.

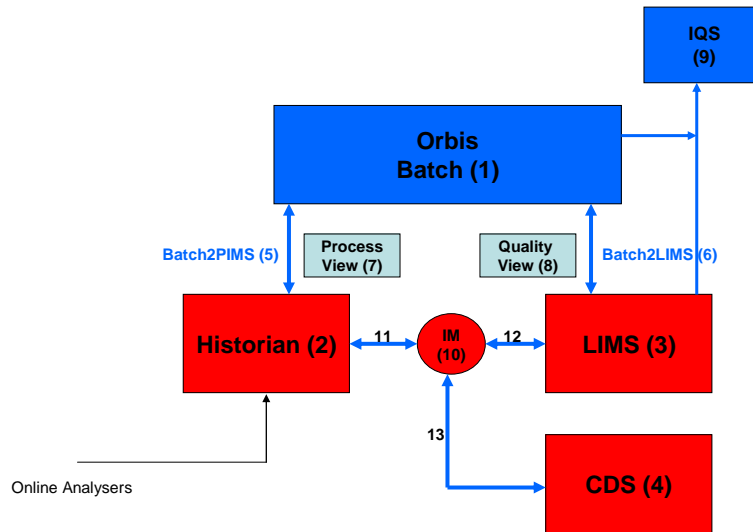
The Orbis Batch models the process and material movements at each stage of the process. The batch records are open for the integration of data with each supporting system. These systems are:

1. Process Manufacturing Historian
2. Laboratory Information Management System
3. Integrated Quality System

The objectives of an Integrated Quality System are to provide:

1. Product quality traceability
2. Process quality knowledge
3. Increased use of online testing analysers
4. Increased reliance on process quality testing
5. Near or real-time quality reporting
6. Efficient management of data

2. Architecture



Software Applications:

1. Batch
2. Historian
3. LIMS & Instrument Integration/Manager
4. CDS
5. Integrated Quality & Stocks

Interfaces:

1. Batch2PIMS
2. Batch2LIMS
3. OPC Agent
4. LIMS Agent
5. CDS Agent

Services:

1. Process View: Service
2. Quality View: Service

In the coming months this article will be further updated with information on *ProcessLIMS* and its components.