Batched Printing of Records (BPR)

Eliminate wasted time and money during the printing of paper production records.

- ■ Eliminate and streamline work practices
- ■ Reduce complexity of printing
- ■ Embed knowledge of printing records
- ■ Effectively manage manufacturing records
- ■ Rapid employee adoption and use
- ■ Flexible printing solutions.
- ■ Regulatory compliance
- ■ Easily interfaced to EPR system
- ■ Microsoft .Net application built for secure document management, as well as simplified change management and validation

Introduction

Manually stamping paper pages to ensure accurate manufacturing/ production records is a time consuming and costly endeavor. Batched Printing of Records provides a controlled solution for producing consistent documentation for paper-driven processes. Issuing consistent manufacturing records has never been more convenient than with the BPR pre-stamped lot number feature.

Benefits

Eliminate and Streamline Work Practices. Eliminate stamping each page of a record with lot numbers/batch numbers/ticket numbers/etc. Simply type the information in once and it populates in all required locations within the record ensuring that your records come out right first time while eliminating second person verifications.

Reduce Complexity Of Printing Records. A record is often comprised of various documents that are printed separately and compiled later. With BPR, the compilation of various documents is done for you so you'll never forget a form or document again.

Embed Knowledge of Printing Records. When an employee leaves a position, often, the knowledge about those work practices involved go with them. This results in higher training costs and more room for new employee errors. With BPR, you can embed work practices within the application so that the knowledge of your process and work practices remains reducing training costs, time, and errors.

Effectively Manage Manufacturing Records. Easily transform paper-based manual manufacturing record systems into a computer-supported system.

Rapid Employee Adoption and Use. Attractive and easily understood production record printing application guarantees rapid employee adoption and use.

Flexible Printing Solutions. Configurable software options remove the headaches associated with custom software printing solutions.

Regulatory Compliance. Automatic audit trail and other control measures ensure cGXP and 21CFR Part 11 compliance for those industries requiring such.

EMERSON.
Process Management

Simplify Validation and Commissioning. BPR 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 immediately realize the benefits. You will be amazed at the time savings and ease of use BPR can provide, all while ensuring that regulatory needs are met.

Product Description

Batched Printing of Records provides a high level of control over production records, easing the challenge of handling, copying and stamping lot numbers to create a paper manufacturing record. For those industries under cGXP regulations, BPR is fully compliant with all cGXP regulations, including 21 CFR Part 11. It is web-based and built on the Microsoft .NET.

BPR overlays are a collection of unique stampings or parameters that can be applied to a document. Overlays and their parameters are user-definable and allow organizations to specify the location, font, size, color, and rotation of the stamping. Organizations can also define events to execute calculations and formulas and define the result as an overlay parameter. Since overlays are reusable, user error is drastically reduced, resulting in increased consistency and productivity.

BPR package classes define a reusable container for documents and their associated overlays. Using package classes, organizations can define a maximum number of print jobs and organize their batch production records in a logical manner. Operators are then able to create print jobs, preview print jobs to ensure accuracy, and view previous print jobs, including any parameters that were populated for a particular print job.

The intuitive administrative dialogs allow organizations to easily configure BPR to conform to their existing operations. The printer tray feature allows the user to configure printers into logical groups. Configurable VBA script can be executed when specific printer events occur. The text displayed can be customized to suit any company's internal nomenclature, and international organizations can even configure the text to display in their native language.

Audit trails are written for actions performed within BPR. These audit trails require no input from the user and eliminate the need for paper logs. For those industries adhering to FDA regulations, the audit trails conform to 21CFR Part 11 requirements and ensures that your operation remains in total compliance.

Used with Document Control and Archiving (DCA), BPR ensures that only the current effective master production record is used. In addition, any updates to documents within DCA automatically update the appropriate packages and package classes to use the most current version of a document. Organizations using DCA and BPR can seamlessly complete the transition from a paper-based manual manufacturing record system to a computer-supported batch record system without drastic changes to current processes; this allows for easy adoption by staff.

Other Syncade™ Smart Operations Management Applications

- Equipment Tracking (ET)
- Document Control & Archiving (DCA)
- Materials Management (MM)
- Electronic Batch Records (EBR)
- Training & Development (TD)
- Recipe Authoring (RA)
- Security & Audit (SA)
- Weigh & Dispense (WD)
- Manufacturing Information Portal (MIP)

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.
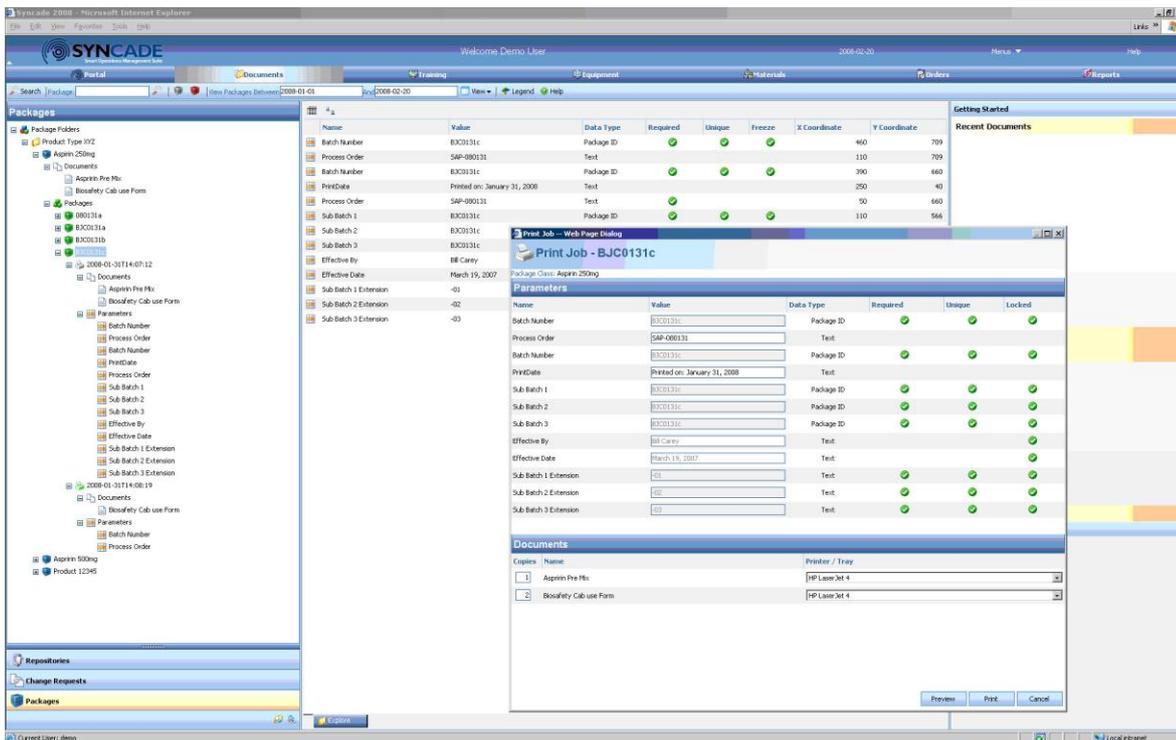
SYNCADE
Smart Operations Management Suite

Viewer - Microsoft Internet Explorer

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ACME Pharma	MANUFACTURING PROCEDURE		
TITLE Aspirin, Preparation	**PROCEDURE NO.** BA1000		**PAGE** 2 of 3
Process Order ID SAP-080131	**Batch ID** BJC0131c		

Instruction	Parameter	Actual	Per'd By / Date	Ver'd By / Date
1 Preparation				
Equipment Verification Before Use				
1.1 Ensure the following equipment is ready for use per SOP 5000.	Mixing Tank	T-1000		
	Reactor	R-1000		
1.2 Label equipment with "In Use" label per SOP 5001				
Components				
Item	Item #	Vessel	Theo. Amount	

2 of 5   8.5 x 11 in

Creating a manufacturing production record is easy.

EMERSON
Process Management

BPR provides a history of the production record.

To locate a sales office near you, visit our website at: www.EmersonProcess.com/Syncade

…or call us at: Asia Pacific: 65.777.8211
Europe, Middle East: 41.41.768.6111
North America, Latin America: +1 800.833.8314 or
+1 512.832.3774

...or email us at: Syncade@Emerson.com

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