

CONTROLS

INTEGRATED BATCH MANAGEMENT SYSTEM





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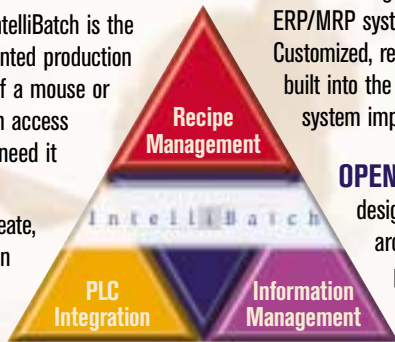
“Shick’s Batch Management System delivers flexibility, reliability and integration.”

Shick Tube-Veyor's IntelliBatch is a flexible and reliable ingredient management and batch execution software solution that seamlessly integrates with your business systems to give you a powerful production management tool.

SYSTEM INTEGRATION: Creating customized batch management and data collection systems is just a part of Shick's total system solution. By combining our practical controls experience with our knowledge of information technology, Shick engineers have developed the IntelliBatch System.

RICH FUNCTIONALITY: IntelliBatch is the solution needed for batch-oriented production management. With the click of a mouse or the touch of a screen, you can access critical information when you need it and where you need it:

- **Recipe Management:** Create, edit and maintain recipes in a standardized format with version control. Build new recipes by copying and modifying similar recipes. Scale recipes during scheduling with complete flexibility over individual ingredients and steps. Search recipes by code or description.
- **Batch Execution:** Schedule recipes, assign priorities or insert new batches up until the moment a batch begins production. Produce recipes as a standard size (100%) or as a percentage of standard size to create partial batches.
- **Ingredient Management:** Change the storage location of ingredients without changing PLC logic and without changing recipes. Automatically update the inventory of ingredients with the



option to make manual inventory adjustments. Record each ingredient's lot code per batch. Enter and search ingredients by code or description.

- **Management Reporting & Analysis:** Print or view ready-to-use reports on ingredient usage, batch history, inventory status or production schedule. Easy-to-use Cognos Impromptu software makes editing existing reports or customizing new reports simple.
- **Process Data Integration:** Communicate bi-directionally between databases and the real-time process through standardized PLC transactions.
- **Business System Integration:** The IntelliBatch database structure allows for timesaving data transfer to a variety of ERP/MRP systems and other applications. Customized, repeatable procedures are easily built into the IntelliBatch database during system implementation.

OPEN DESIGN: IntelliBatch is designed with open software architecture and built on the principles of adaptability and maintainability. This system uses components that are the most widely used in the information technology and controls industry:

- **Microsoft Visual Basic:** Software with off-the-self integration to Allen-Bradley PLC5 and SLC500 Series, Data Highway and Ethernet connections.
- **Oracle:** Database stores data and executes standard transactions. Network options include single unit, clustered networks and enterprise-wide networks.
- **Cognos Impromptu:** Business intelligence tool delivers standard reports that are easily customized.

IMPLEMENTATION AND SUPPORT:

From the earliest stages of an IntelliBatch software implementation, Shick engineers listen to a customer's unique business requirements in order to optimize the software. Prior to implementation, an engineer conducts a detailed, on-site review focused on your operation and users. We analyze your process environment and, if needed, provide PLC

and instrumentation hardware upgrades to improve the quality of batch data. As our staff prepares to install your IntelliBatch software, we conduct an on-site operational review of the program. Then our experts remain on site through start-up and training. Once operational, Shick engineers rely on a remote connection to regularly monitor the IntelliBatch database to improve your operational efficiency and ensure the ideal performance of the IntelliBatch software. For a complete overview of Shick, the IntelliBatch system or for a site review to determine how IntelliBatch will improve your production efficiency, call us at 1-877-WE AUTOMATE.



For more than 40 years, Shick's methods and processes have provided the right control system solution for our customers' needs.



SHICK TUBE-VEYOR CORPORATION

WORLD HEADQUARTERS
Shick Tube-Veyor Corporation
4346 Clary Blvd.
Kansas City, MO 64130 USA
Tel: (816) 861-7224
Fax: (816) 921-1901

ASIA PACIFIC
Shick Tube-Veyor Asia Pacific Pte Ltd
Blk 5000 Ang Mo Kio Ave 5 #05-07
Techplace II
Singapore 569870
Tel: (65) 4824600
Fax: (65) 4818255



www.shicktube.com
controls@shicktube.com