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**REGION**  
Global

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**USE CASE**  
Medical Devices

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**COMPANY SIZE**  
Enterprise

## Key Benefits

- Automated production printing
- Faster print processes
- Reduced errors
- Accurate production

# BarTender® integration enables semi-automatic document printing for medical supply manufacturer

BarTender Integration Builder helps a multinational medical supply manufacturer semi-automatically design, manage, and print documents, resulting in faster print processes, reduced errors, and accurate production.

## Challenge

To keep up with ever-evolving regulation demands, a multinational medical supply manufacturer needed to semi-automatically design, manage, and print documents during packaging production. The company wanted to connect its continuous production printers with its Manufacturing Execution System (MES) so the process would ensure document and data integrity with minimal line operator input.

## Action

The manufacturer worked with Seagull Scientific Professional Services to deploy a powerful, flexible tool within BarTender 2022 Enterprise Edition: BarTender Integration Builder. Every few minutes, a BarTender integration consults the manufacturer's MES data for new work orders. From there, a local database evaluates the data and conditionally updates the documents and data within the inline printers—removing line operator involvement at this stage. To further limit label errors, the BarTender integration runs a series of qualification actions to ensure the data correctly corresponds with the document fields.

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## Result

After the implementation, the medical supply manufacturer successfully achieved:

- Semi-automatic work order transmissions from its MES to its inline production printers while ensuring document and data integrity
- Drastically faster print processes and reduced errors thanks to a decrease of user interaction
- Easily accessible, automatically validated documents such that production commences accurately and efficiently