

Advanced Layout & Printing



Provides the capability to design and print labels and documents based on static and dynamic data

Overview

During the manufacturing process it may be necessary to print some labels (e.g.: Material Identification) and documents (e.g.: Certificate of Conformance). These labels must follow specific designs containing labels, pictures and barcodes and must be printed in specific printers. Furthermore, the content of these labels must contain information that is static and

information that is dynamic, such as the lot number, quantity, and manufacturing date.

The Advanced Layout and Printing is an integrated module provides the ability to design and print labels, lot travelers and other types of documents.

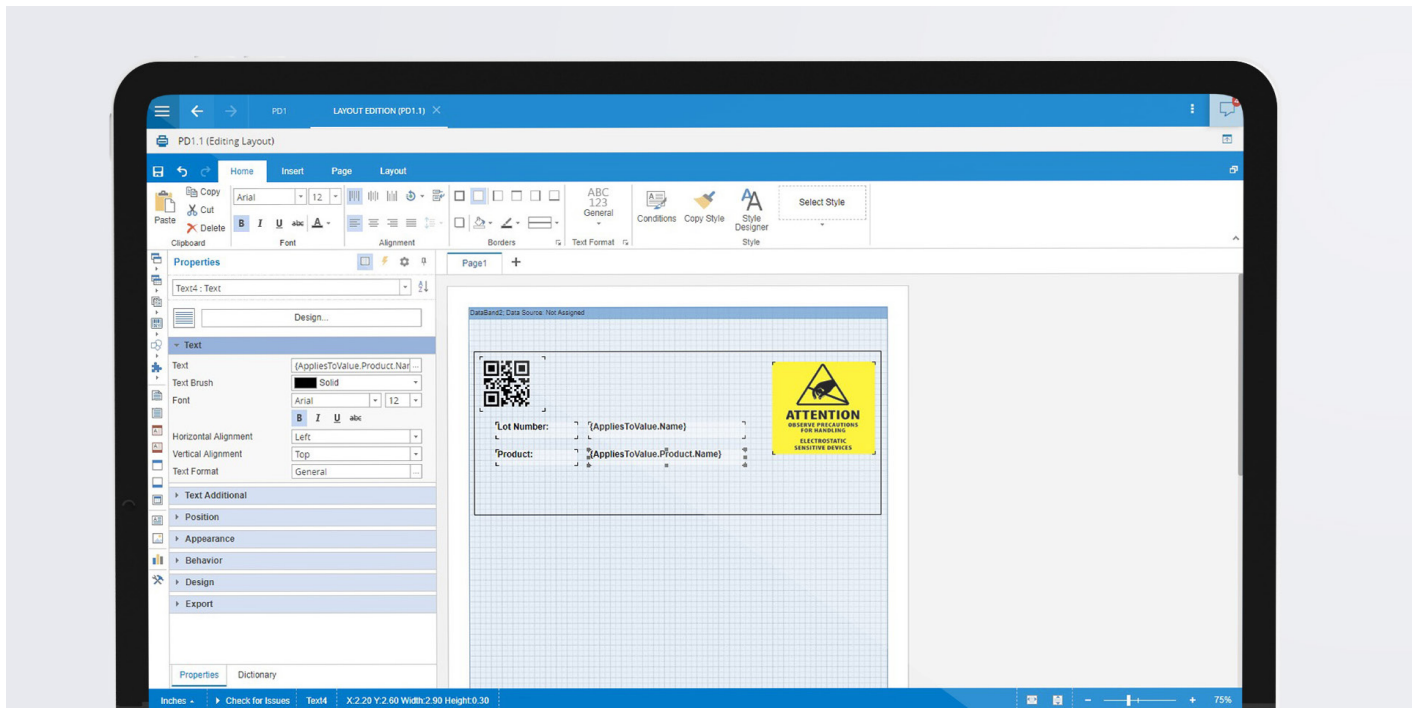


Figure 1 Label editor example

Key Features

- Integrated visual drag-n-drop visual designer.
- Support for lot travelers that are generated dynamically by combining the sequence of lot travelers for the individual steps in a flow.
- Support for both static and dynamic elements (text, pictures, barcodes) that can be resolved during runtime (e.g.: lot name or product description).
- Support for a variety of 1D and 2D barcodes (including QR Code and Data Matrix).
- Support for serial numbers.
- Capability to store the history of the actual printed labels.
- Flexible context resolution mechanisms to resolve which documents to print and which printers to use.
- Integration with Material Tracking.
- Native integration with Seagull BarTender™ and Loftware NiceLabel™ with configurable integrations for other third-party label printing systems.

Benefits

- Increased operational efficiency
- Improved traceability and regulatory compliance
- Reduction of errors

The screenshot displays the 'Data Contexts Editor' interface. At the top, there's a navigation bar with 'Lot Traveler Production' and a search icon. Below this is a toolbar with icons for 'New Version', 'Refresh', 'Edit', 'Lock', 'View Layout', 'Edit Layout', 'Print', and 'More'. The main area is divided into several sections:

- Printable Document:** Includes a printer icon, 'Name: Lot Traveler Production', 'Description:', 'Type: Lot Traveler', and 'Universal State: Created'.
- Change Set:** Shows 'Change Set: bbfeadcbfbf_637520320598275...'.
- Properties:** Includes 'Applies to: Material', 'Scope: Lot Traveler', 'Store Print History: No', and 'Store Layout History: No'.
- Print Settings:** Shows 'Printer Type: General' and 'Default Printer: \General'.
- DATA CONTEXTS:** A list of contexts including 'Location', 'Step', 'Flow', 'FlowPath', and 'LogicalFlowPath'.
- DETAILS:** A sidebar on the right with sections for 'DATA CONTEXTS', 'ATTRIBUTES', and 'ATTACHMENTS'.

Figure 2 Data Contexts Editor