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.
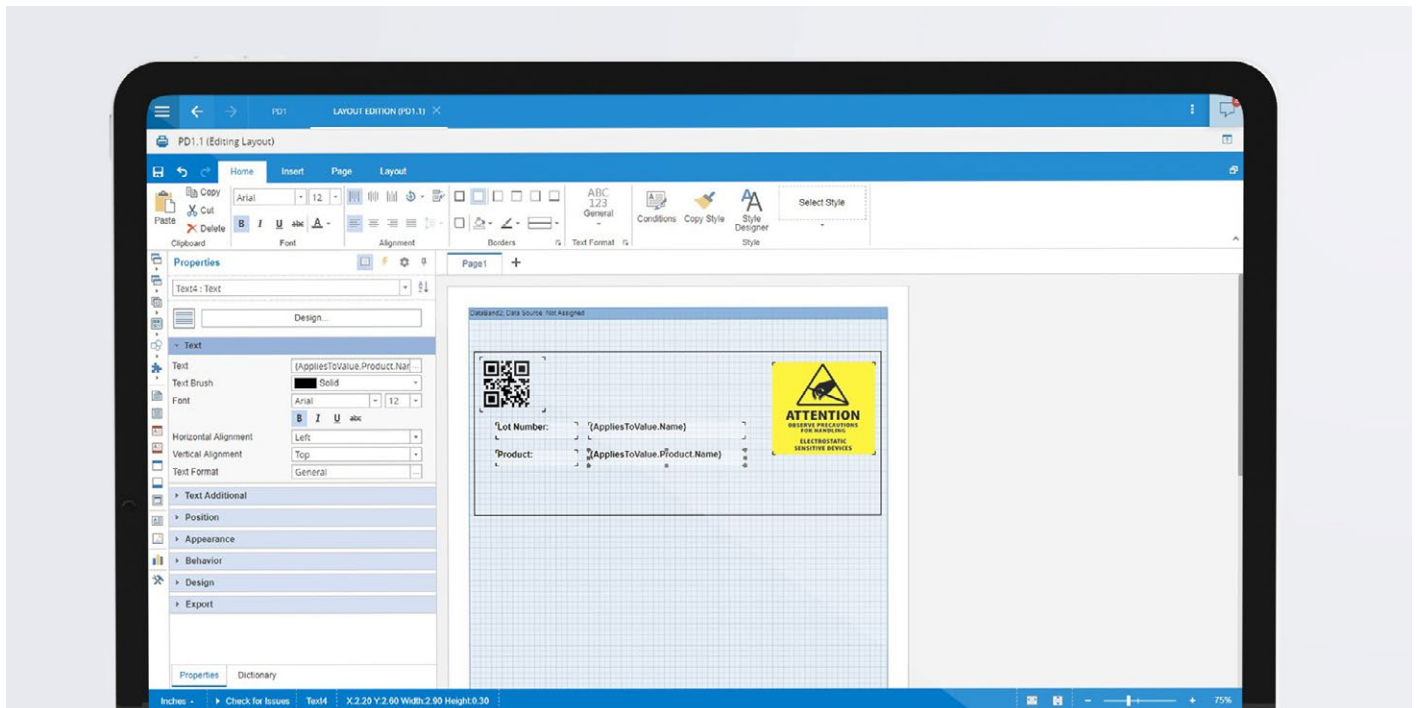

Figure 1 Label editor example

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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.

Benefits

- Increased operational efficiency
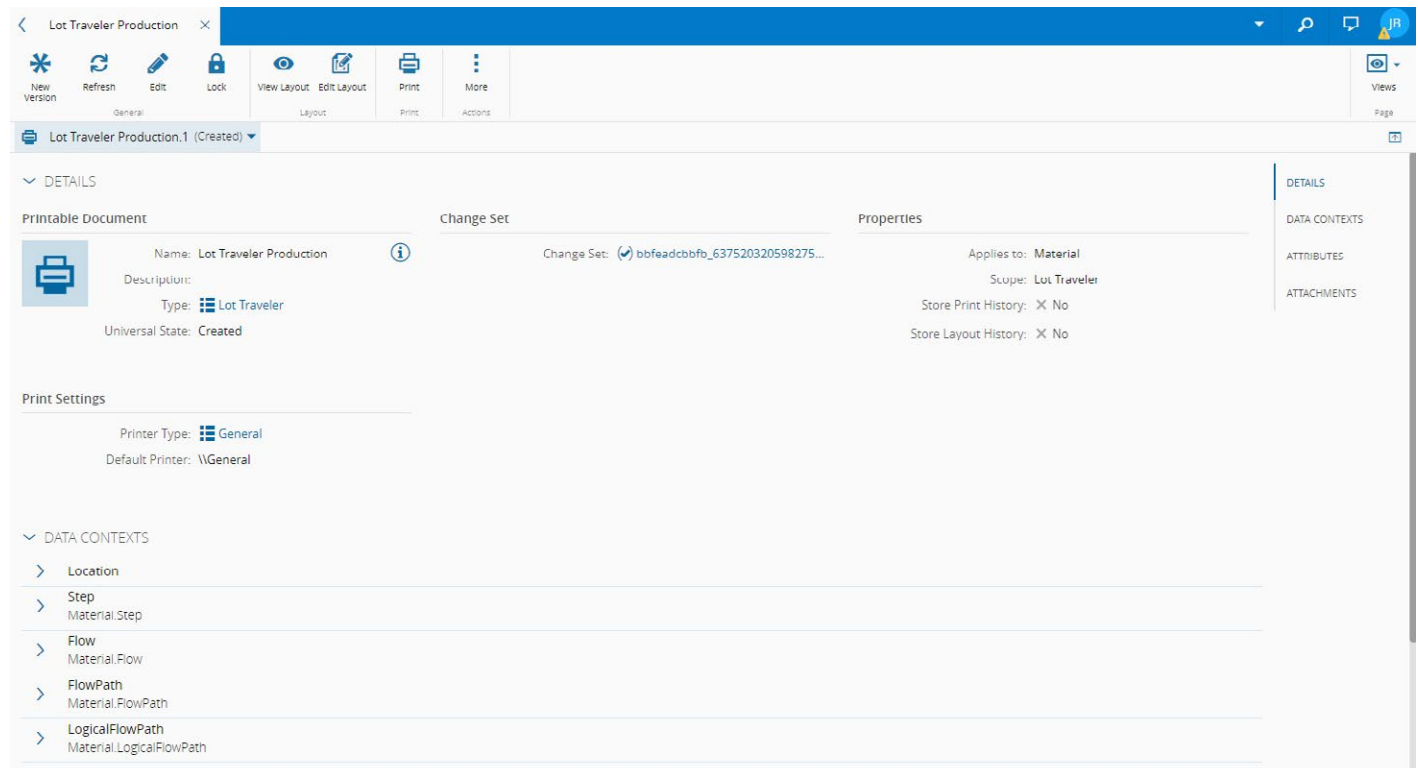- Improved traceability and regulatory compliance

- Reduction of errors

Figure 2 Data Contexts Editor

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