TRACE- it® DATA & PRINT

Browser-based client for controlling marking devices

The TRACE-it Data & Print package provides an intuitive and easy-to-use interface for managing and controlling a wide range of marking devices in a production environment.

This is how it works:
In the user interface, a user searches for reference data (item number, production order) in the TRACE-it database. If the entered value matches a unique reference, the description and the print preview are displayed; if the entered data is not unique, the TRACE-it user will get an overview based on the partially entered data and can select the correct record. Depending on the configuration, either a **preview or a print job can be requested** . This can be done for a single marking device or for all marking devices along a production line. After the print job has been sent, the status is displayed in the client so that the user can verify that the correct data has been successfully sent to the correct marking device.

Using the latest web technologies the TRACE-it WebClient is intuitive and easy to use. It can run on any device that has a browser . A local installation on the individual workstations is not required.

TRACE-it Data & Print is based on the TRACE-it code, which contains the following components:

TRACE -it DATABASE
TRACE-it contains its own SQL database for the administration and processing of data. The system provides secure real-time access to data from any station in the network.

TRACE -it BUSINESS LOGIC
TRACE-it uses several independent services that run in background. This modern setup guarantees a fast and reliable system. In their interaction, these services enable the execution of all the required functions, e.g. importing data from other systems (ERP, MES, etc.), sending print jobs, user authentication, etc.
In addition, the TRACE-it WebAPI communicates with the TRACE-it WebClient.
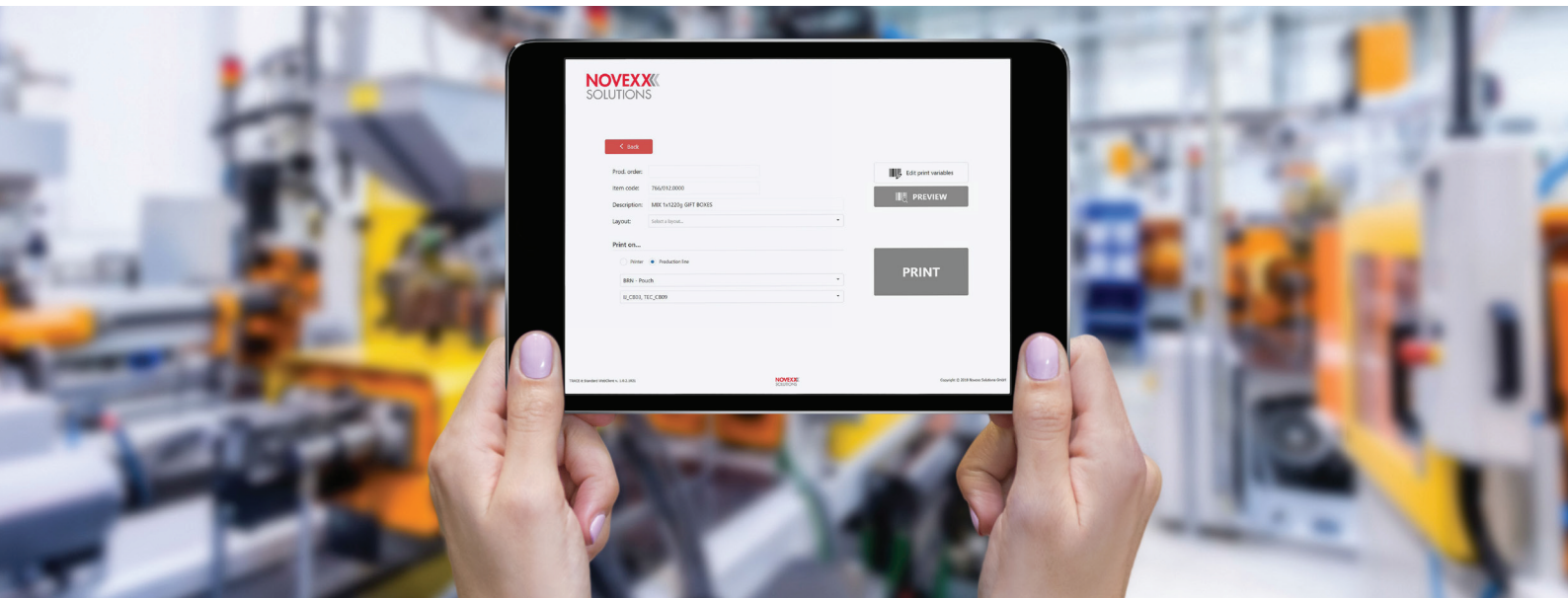
TRACE -it ADMIN
The TRACE-it Admin is the configuration tool for TRACE-it. It displays a simplified and easy-to-use view of the SQL database. The TRACE-it Administrator can manage data, configure different devices and production lines, and manage user roles.

LABEL DESIGN SOFTWARE
Label design software is used to design label layouts and to generate print jobs. TRACE-it is compatible with NiceLabel, Jetmark, Bartender, CoLOS, and Codesoft. Additionally, TRACE-it supports direct print language.

TRACE- it DATA & PRINT

FEATURE LISTE

SQL database	x	PostGre SQL database
Items & production order table	x	Ability to store product information
Printing history	x	Traceability of processed print jobs
Labeling software support	x	One label design included (additional one is optional)
Direct print language support	x	Printer native language support
Single printer support	x	Drive a single coding device
Production line support	x	Drive all coding devices on a production line
Data acquisition devices	o	Support for scanners and I/O devices
Users & profiles	x	Ability to create TRACE-it users & profiles (AD optionally)
Number of printers	x	Up to 5, 10, 20, 30, 40, 50, 50+
Data import	x	Import data into TRACE-it from other systems or files
WebAPI	x	REST WebAPI with Crud calls
TRACE-it Admin	x	TRACE-it control panel
Production WebClient	x	WebClient for production purposes
Enter search reference	x	User can enter a (partial) reference
Previews	x	Ability to show preview(s) before printing
Multi-browser support	x	Chrome, Edge, Explorer, and Firefox are supported
Manual data entry	x	Ability to enter data manually by a TRACE-it user
Server-based	x	Runs on a server

x – included   o – available as an option

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