Integration

PRINTING TECHNOLOGIES
ENGINEERED IN GERMANY

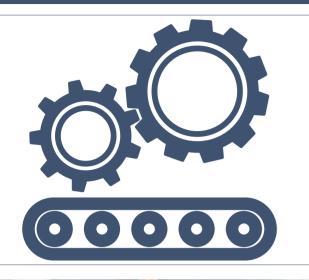## MAXIMUM INTEGRATION INTO SEAMLESS INLINE PRODUCTION PROCESSES

FIELD OF APPLICATION

> Product labeling

> Packaging machines

> Logistics

> Pharmaceutics

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

> Seamless integration into production lines

> Laser- and thermal printer available

> Fast timing (from 2 seconds/page delivery)

> High degree of freedom for programming

> SAP®- and AS/400-compatible (through PCL5 + JetCAPS as well as LAN-IPDS)

> Compatible with standard laser printers

Your Microplex Partner:

Seamless Integration into Production Lines

Microplex print solutions based on the Microplex Multi Intelligence Controller MPC provides multiple benefits for a seamless integration into intelligent production lines and conveyor systems.
The features of the Microplex controller supports your development of defined timings for your application with a real hardware handshake and optional software signals.

❯ Real programmable electrical signals (GPIO/SPS-Control)

❯ Fast integration into systems due to flexible programming features

❯ Seamless administration via web interface

❯ Fast first printed page

Laser and Thermal Printer

For integration into machinery and plant construction Microplex offers a broad variety of print systems based on laser as well as thermal transfer and direct thermal technology. With Microplex it is easy to find the right print system for your application in terms of reliability, print speed, timing, size and cost effective printing.

❯ **logiJET Flathead Thermal Printer**

- logiJET T4-2
- logiJET T6-2
- logiJET T8-3
- logiJET T4-HS

❯ **SOLID Near-Edge Thermal Printer**

- SOLID T4-2
- SOLID T6-2
- SOLID T8-2

❯ **SOLID Cut Sheet Laser Printer**

- SOLID 52A4
- SOLID 60A3
- SOLID 105A3
- SOLID 120A3

❯ **SOLID Thermal Printer with Tractor Paper Feeding**

- SOLID 45ET-2

❯ **Microplex Print Module**

- PM-T8

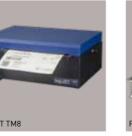❯ **Microplex Mobile Printer**

- logiJET TM4
- logiJET TM8

Multiple Configurations are Possible

Microplex printer with its multi intelligence controller provides multiple configuration possibilities. Via configuration the printers can be adjusted to nearly any application requirement.
More than **40 printer emulations** can be selected. Every emulation can be fine tuned. Beside software signals via **SNMP** and **Status-Out** also electrical signals can be used to control the machinery and establish a real handshake between printer and system.

❯ Monitoring and control of the print out via electrical signals with 8 input and 8 output channels **(GPIO / SPS-Control)**

❯ Monitoring the printer status via **SNMP** (Fleet management)

❯ Individual feedback messages via data channel **(Status-Out)**

❯ User friendly configuration via web panel

❯ Modern WiFi interface with all current protocols, security standards and authentication standards **(IEEE 802.1X)**

Emulations and Barcodes

Thermal Printer Emulations, i.e.	Laser Printer Emulations, i.e.
ZPL II, EPL2, IGP/PGL, Datamax, TEC, IER-Command, Intermec Direct Protocol, LDC, Labelpoint, Etimark MP-1220, cab	PCL5, IGP/PGL, XES, Kyocera Prescribe, Kodescript+, AGFA Reno, LN03+, BULL-MP6090
Matrix Printer Emulations, i.e.	**Further Emulations**
IGP/VGL, IGP/PGL, Epson FX-80, Ansi Genicom, CODE-V, MT-600, IBM Proprinter, IPDS	CUPS-Raster, HPGL, TIFF, Diablo 630, Lineprinter, PDF
Two-Width Codes	**Multiple-width codes**
Codabar, Code39, MSI, Interleaved 2/5	EAN-8, EAN-13, EAN-128, Add-on-Codes, Code 11, Code93, Code 128, UPC-A, UPC-E
Height-Modulated Codes	**2D-Barcodes**
Postnet, Planet, KIX, Royalbar, USPS One Code	Aztec-Code, PDF 417, Datamatrix, Maxi-Code, USD-5, QR-Code

Individual Firmware Adaptation

It might be possible that the Microplex printer „as is" does not fit your system requirements 100%. Since Microplex has all development resources in-house, hardware and software, we can define a suitable modification in cooperation with the system integrator in order to match the requirements.

❯ Individual electrical signals (GPIO / SPS-Control)

❯ Hardware modifications of the printers

❯ Emulation adaptations to fully support the customers print data

❯ Adaptation of status messages (Status-Out)

logiJET T4-2

logiJET T6-2

logiJET T8-3

SOLID T4-2

SOLID T6

SOLID T8

SOLID 60A3

SOLID 52A4

SOLID 105A3

logiJET TM4

logiJET TM8

PM-T8

Examples for the integration of Microplex printers into applications within the newspaper industry, logistics sector, for robotic applications and the integration into conveyor systems.