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**PRINTING TECHNOLOGIES**  
ENGINEERED IN GERMANY

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# INTEGRATION

Perfect for:

- Product labeling
- Packaging machines
- Logistics
- Pharmaceuticals

## 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

## MAXIMUM INTEGRATION INTO SEAMLESS INLINE PRODUCTION PROCESSES

**GPIO/SPS-Control, Status-Out, SNMP, ...**

# MAXIMUM INTEGRATION INTO SEAMLESS INLINE PRODUCTION PROCESSES



## 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

### ➤ SOLID Near-Edge Thermal Printer

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

### ➤ SOLID Cut Sheet Laser Printer

- SOLID 52A4
- SOLID 50A3-3
- SOLID 90A3
- SOLID 105A3
- SOLID 120A3

### ➤ SOLID Thermal Printer with Tractor Paper Feeding

- SOLID 45ET-2

### ➤ Microplex Print Module

- 8-inch print module

### ➤ 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 30 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



## Emulations and Barcodes

### Thermal Printer Emulations, i.e.

ZPL II, EPL2, IGP/PGL, Datamax, TEC, IER-Command, UBI Fingerprint, LDC, LabelPoint, Etimark MP-1220, cab

### Laser Printer Emulations, i.e.

PCL5, IGP/PGL, XES, Kyocera Prescribe, Kodescript+, AGFA Reno, LN03+, BULL-MP6090

### Matrix Printer Emulations, i.e.

IGP/VGL, Epson FX-80, Ansi Genicom, CODE-V, MT-600, IBM Proprinter, IPDS

### Further Emulations

CUPS-Raster, HPGL, TIFF, Diablo 630, Lineprinter, ...

### Two-Width Codes

Codabar, Code39, MSI, Interleaved 2/5,

### Multiple-width codes

EAN-8, EAN-13, EAN-128, Add-on-Codes, Code 11, Code93, Code 128, UPC-A, UPC-E

### Height-Modulated Codes

Postnet, Planet, KIX, Royalbar, USPS One Code

### 2D-Barcodes

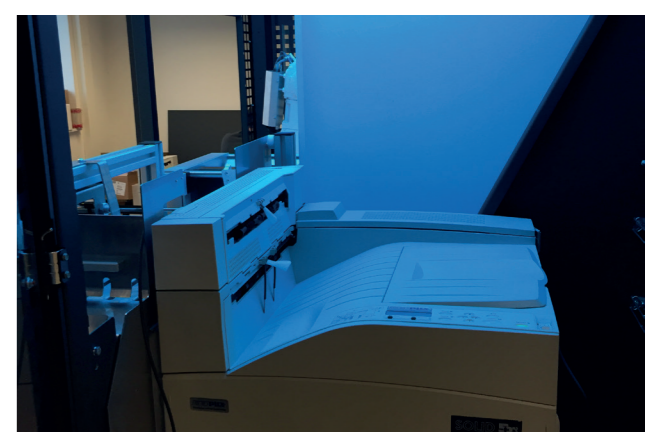
Aztec-Code, PDF 417, Datamatrix, Maxi-Code, USD-5, QR-Code



## 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)



Example for the integration of a SOLID 50A3-3 cut sheet laser printer into a robot system for automatic labeling. The printout of individual data (A4) is done in 3 seconds.