



microSYST.

Display Systems

Order Picking Systems

Product R&D

Company Qualities

“Our company has evolved on the foundation of its innovative spirit and by looking into the future. And we intend to continue moving in this direction, on the basis of energy-efficiency and sustainability.”

(Harald Kilian, managing director)

microSYST – Our Distinguishing Characteristics

Since its establishment in 1985, microSYST has been one of the leading suppliers of display and picking systems. In these 30 years microSYST gained abundant experience and know-how.

microSYST – what our brand name stands for:

- Know-how right from the beginning
- Customer-specific R&D and production
- Top quality
- Regionally sustainable and efficient

Made in Weiden by microSYST



microSYST – All from a Single Source



microSYST –

Product Portfolio



migan
large format numeric LED displays for indoor and outdoor application

migra
graphics compatible large format LED displays for indoor and outdoor application

mitex
alphanumeric panel-mount LED and VFC displays

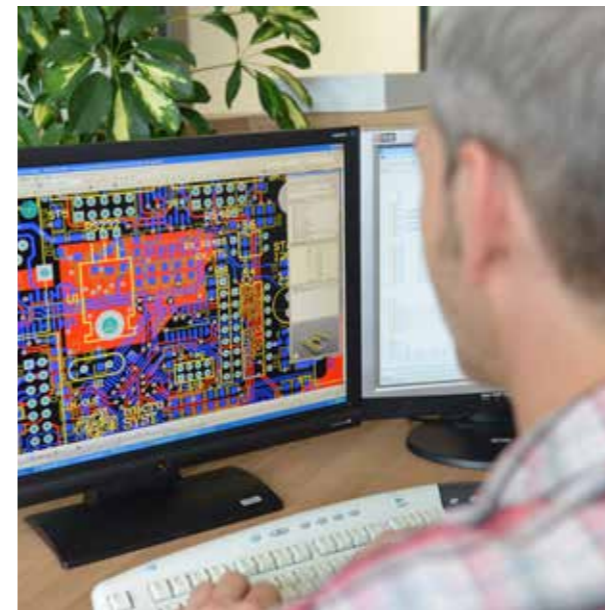
mipan
numeric panel-mount LED displays

mipick
paperless order picking systems with pick-by-light technology

miline
multifunction LED clocks for indoor and semioutdoor application

mitas
control panel with LED feedback

miface
universal interfaces with LED status indicator



Service

- Customer-specific consulting
- Analysis
- Planning
- Development and production of hardware and software
- Installation and commissioning
- Maintenance and support

Industry Experience

- Automotive industry
- Textile industry
- Furniture industry
- Pharmaceutical industry
- Transport and logistics
- Mail order trading
- and more

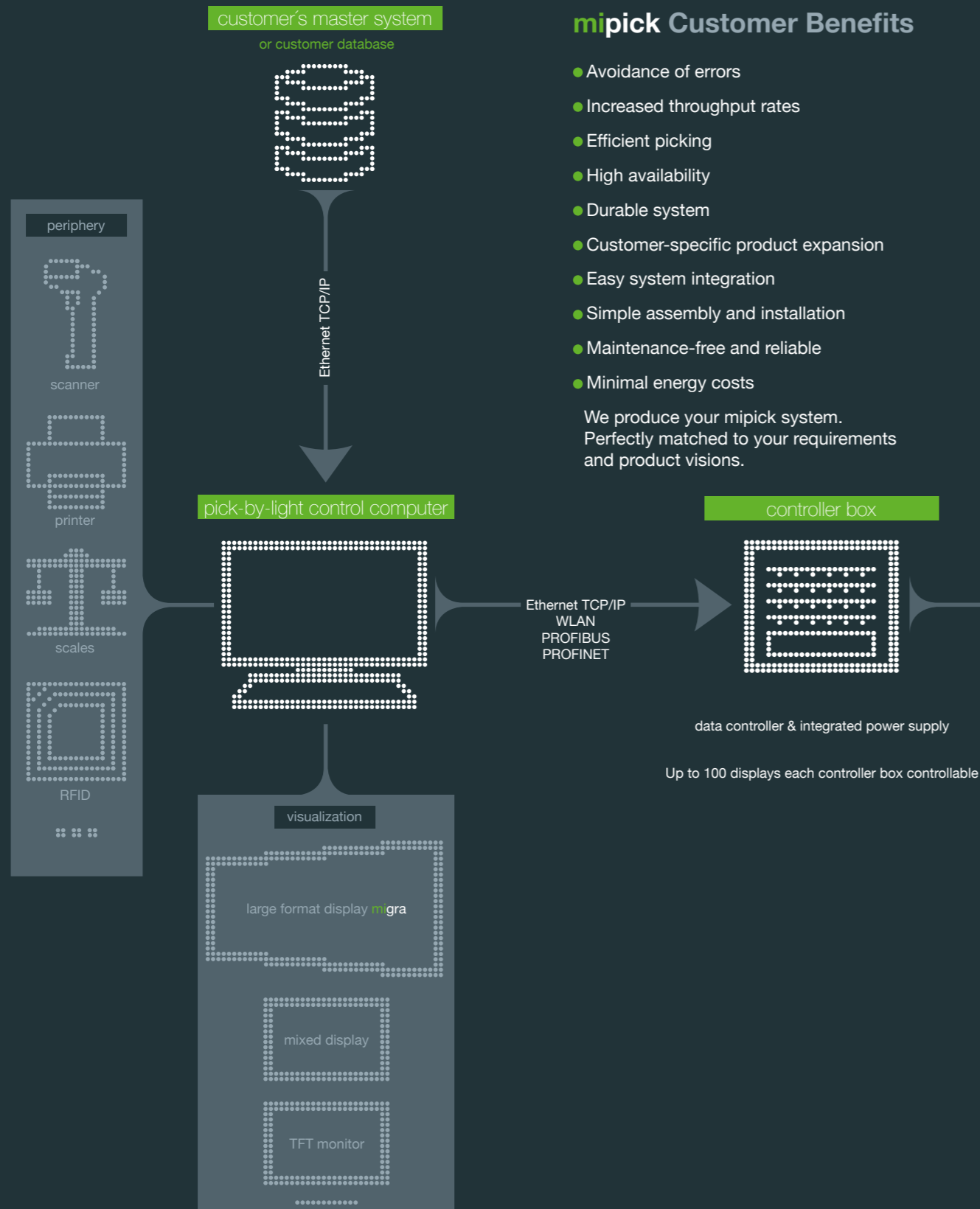
Successful Industry Projects

Excerpt from references:

BMW | MAN | GRANNER | IKEA | ON MARKT

mipick Paperless Order Picking Systems with Pick-by-Light

mipick System Architecture



mipick Customer Benefits

- Avoidance of errors
- Increased throughput rates
- Efficient picking
- High availability
- Durable system
- Customer-specific product expansion
- Easy system integration
- Simple assembly and installation
- Maintenance-free and reliable
- Minimal energy costs

We produce your mipick system.
Perfectly matched to your requirements
and product visions.

mipick Paperless Order Picking Systems with Pick-by-Light

Technical Data

	MP	M21	R221	R425
Characters	LED 7-segment, character height: 14 mm, 2 digits, red	None	LED 7-segment, character height: 20 mm, 2 digits, red or green	LED 7-segment, character height: 20 mm, 4 digits, red or green
Signal lamp	LED 1 red and 1 multicolour LED diameter: 8 mm	LED 1 red and LED 1 green LED diameter: 10 mm	LED 1 red or 1 green LED diameter: 10 mm	
Acknowledgment button	Metal, 18/12 mm diameter (outside/inside), individually replaceable			
Housing	Anodised aluminium			
Dimensions (W X H)	80 x 30 mm	120 x 50 mm	160 x 50 mm	175 x 50 mm
Profile depth	27 mm	30 mm		

Further information on www.microsyst.com

mipick Product Features

Hardware:

- Robust aluminum housing
- Metal acknowledgment buttons (individually replaceable)
- Highly luminous, wide-angle LED signal lamp (individually replaceable)
- Individual, multi-digit LED display
- Optionally available acoustic indicator
- Optionally available membrane keypad
- Optionally available light curtain or light sensor

Software:

- Stand-alone system or connection to the customer's master system
- Display of system status
- Automatic system monitoring
- Connection of scanners, printers, scales and more
- Display at large format LED displays or TFT monitors
- Optional integration into existing customer system
- Available with Ethernet TCP/IP, PROFIBUS or PROFINET or even serial interface
- Customer-specific adaptation possible

Installation:

- Fully alloy designed system
- Modular, flexible system structure
- Snap-on mounting
- Simple cabling as bus system
- Integrated power supply

Order Picking Systems by microSYST – Success Stories

Solutions for Paperless Picking in the Warehouse

Customer-specific requirements:

- Indication of picking position and quantity in an assigned order-picking warehouse
- Access to the customer's own warehouse management system
- Scope of approx. 1200 stock locations
- Robust, durable, maintenance-free design



Professional product implementation:

- Analysis and conception in cooperation with the customer
- On-site installation and initial start-up of the overall system
- Monitoring warehouse operations during the start-up of the system
- Long-term support by remote maintenance access and service contract



Customized benefits:

- Lasting acceleration of the picking process
- Significant reduction of picking errors
- Maintenance-free operation



Order Picking Systems by microSYST – Success Stories

Solutions for Paperless Picking in Production

Customer-specific requirements:

- Indication of picking position and quantity in the provision rack
- Assurance and traceability of approx. 100 removed components
- Sturdy, durable, maintenance-free design



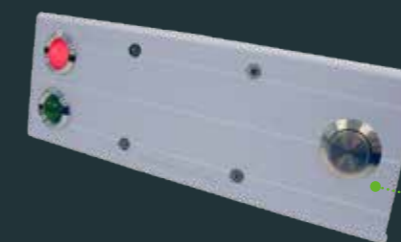
Professional product implementation:

- On-site installation and initial start-up of the overall system
- Reach-in monitoring at all picking positions by light curtains
- Recording of picking operations
- Connection to the existing production system



Customized benefits:

- Significant reduction of picking errors
- Faster picking and faster production
- Quality assurance based on traceability of the picking process
- Maintenance-free operation





Individual quality requirements for microSYST displays:
„Top quality both inside and outside. You can't see it, but demanding quality requirements for the internal components of our displays assure an unbeatably long service life.“

(Harald Kilian, managing director)

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Display Systems

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Product R&D