



# Software

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Generate, transport, visualize data –  
Create added value

# SOFTWARE AND SYSTEMS SOLUTIONS.

 *innovating automation*





The future of automation is increasingly connected and digital. The growing diversity of technology – including in the private sector – expectations of many users while the demands on industry rise.

Meeting these increasing demands necessitates the merging of traditional automation technology (OT) and information technology (IT). And the increased use of software is the next logical step.

Balluff offers IIoT capable hardware and middleware in combination with powerful software. This means you benefit from system solutions for the widest variety of requirements in your production environment.

#### Your Balluff solutions

- Configuring Balluff IO-Link devices with the **Balluff Engineering Tool** 216
- Injection molding tool management with **Mold-ID** 218
- Tool parameter transfer with **Easy Tool-ID** 220

Sensors

RFID

Machine Vision and  
Optical Identification

Human Machine  
Interfaces

Safety

Industrial Network  
Technology

Software and  
System Solutions

Power Supply

Connectivity

Accessories

Parameterizing, configuring and starting up IO-Link devices –  
now even easier

# BALLUFF ENGINEERING TOOL

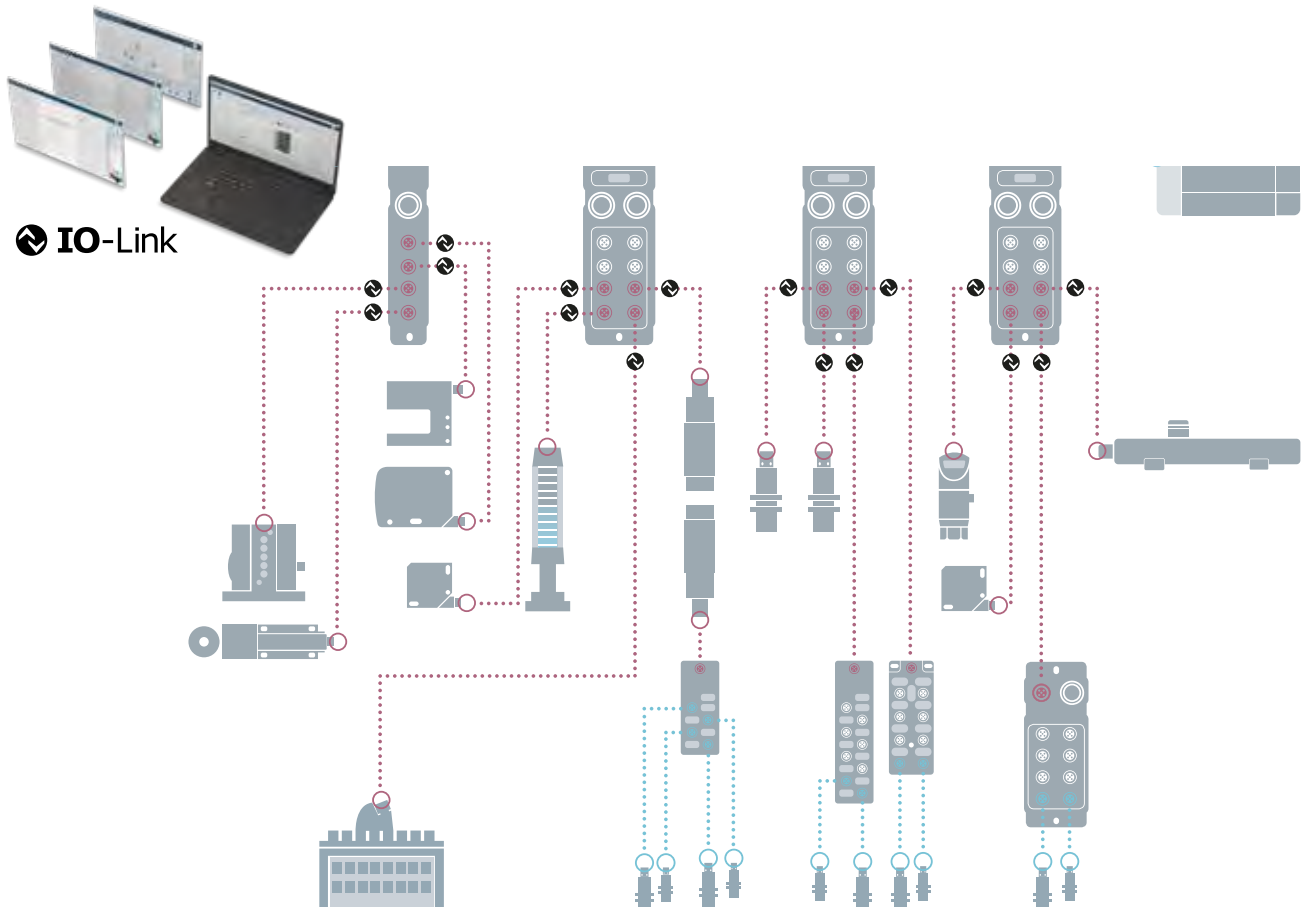
When you need a manufacturer-neutral startup and configuration of IO-Link devices, the Balluff Engineering Tool (BET) is the answer.

This software quickly and easily provides you with an overview of your topologies and allows you to track the status of all the connected IO-Link devices. You can also parameterize and place the devices in service while also managing the parameters for individual devices or entire topologies. Functions for documenting the topologies and for testing inputs and outputs are also available within the software along with simple assignment of IP addresses.

The BET is part of the Smart Automation and Monitoring System (SAMS) from Balluff, which includes a variety of devices with a standard operating, configuration and diagnostics concept.

## Features

- Simple, faster setup of IO-Link devices – even without a PLC
- Reduced startup time and fewer errors since IO-Link device settings can be saved and reused
- Prevents wiring mistakes and reduces time-consuming troubleshooting by testing the IO-Link wiring before startup
- Overview of the entire IO-Link topology and its status
- Part of the Smart Automation and Monitoring System (SAMS) from Balluff







BALLUFF  
ENGINEERING  
TOOL (BET)

Standard version	<b>BAI BET-S12N-UDN-0001- _DW-ST _ _</b>
Description	You get the full functional capability of our Balluff Engineering Tool (BET) in the form of a 12-month license. You can configure the scope of the license yourself. One license is needed for each terminal device fully covered by the BET. The software can be used with some function limitations without purchasing a license.

Ordering example: **BAI BET-S12N-UDN-0001- DW-ST**

**Payment type**

- 2 Software subscription, monthly payments
- 3 Software subscription, annual payment

**Number of network blocks**

- OB 2 active distributors
- OB 5 active distributors
- OB 10 active distributors
- OB 20 active distributors

No license is required for using just one network module.

The BET is suitable for all Profinet and Ethernet/IP IO-Link network blocks firmware version 3.2.2 and higher.

ACCESSORIES



	<b>BNI0067</b>	<b>BNI000F</b>	<b>BNI0089</b>	<b>BNI005E</b>
Description	Unmanaged Switches Ethernet TCP/IP 10Base-T/100Base-TX, 8x RJ45 female, 8-pin	Unmanaged Switches Ethernet TCP/IP 10Base-T/100Base-TX, 8x M12x1 female, 4-pin, D-coded	Unmanaged Switches Ethernet TCP/IP 10Base-T/100Base-TX, 8x M12x1 female, 4-pin, D-coded	Unmanaged Switches Ethernet TCP/IP 10Base-T/100Base-TX, 5x RJ45 female, 8-pin

CONNECTORS



	<b>BCC0JF0</b>	<b>BCC06FN</b>	<b>BCC0E90</b>	<b>BCC06J3</b>
2 M CABLE	<b>BCC0JF0</b>		<b>BCC0E90</b>	<b>BCC06J3</b>
10 M CABLE	<b>BCC0JF3</b>		<b>BCC0E8P</b>	
Connection 1	M12 male, straight, 4-pin, D-coded	7/8" female, straight, 5-pin	M12 male, straight, 4-pin, D-coded	7/8" female, straight, 4-pin
Connection 2	RJ45 male, straight, 4-pin	7/8" male, straight, 5-pin	RJ45 male, straight, 4-pin	7/8" male, straight, 4-pin
Interface	Profinet	Current	Ethernet/IP	Current
Cable	PUR shielded, green, drag-chain compatible	PUR black, drag-chain compatible	TPE shielded, turquoise, drag-chain compatible	PUR black, drag-chain compatible

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