# Upgrade to IIoT?
# With ease wireless!

**Bluetooth mesh system for easy retrofitting**

- Sensors can be connected subsequently to the IT level without complex wiring

- Easy retrofitting and digitalisation of extensive systems

- New nodes can be incorporated via smartphone

- Password protection for your data security

**ifm** – close to you!

IP67    IP69K    IO-Link

| Description | Order no. |
|---|---|
| Bluetooth mesh IO-Link adapter | **EIO344** |
| Bluetooth mesh IoT base station | **EIO404** |

| Technical data | |
|---|---|
| Maximum number of nodes | 50 |
| Maximum distance between nodes [m] | 20 |
| Encryption standard | AES128 |
| Protection class<br>Base station<br>Adapter | IP67<br>IP69K |

## Simple digitisation in the inventory

With the Bluetooth mesh system, you can easily evaluate sensor data from your existing system at the IT level. Use the information gained in this way to increase the efficiency of your system – with considerably reduced wiring complexity.
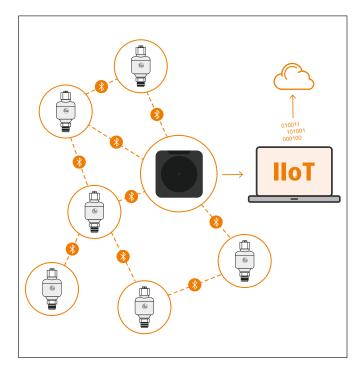
## Up to 50 sensors in a mesh network

Starting from a base station, which is the interface for bidirectional communication with the IT level, up to 50 Bluetooth adapters communicate with each other in encrypted form. Even data packets from the most remote sensors are securely transmitted wirelessly to the base station via the resulting mesh network, which can span the entire system. The adapters can be screwed directly onto the sensor and are supplied with power via the existing cable. Depending on local conditions, the mesh nodes can be up to 20 metres apart, making the system suitable for large installations.

## Convenient network management

You can easily manage the mesh network using our moneo software or the corresponding free smartphone app. Add new nodes, read out data or configure the sensors as required.

You can find more about setting up and managing the mesh network and further details about the Bluetooth mesh system on our website.



## BEST FRIENDS

**edgeGateway**
For secure transmission of system data to the IT level

**moneo|IIoT Core Cloud**
Cloud subscription to the moneo IIoT platform

**VVB vibration sensor**
Easy condition monitoring via IO-Link

*For further technical details, please visit:*
*ifm.com/fs/EIO344*