

inevo



## IDENTIFY & MANAGE

From RFID tags to digital maintenance workflows

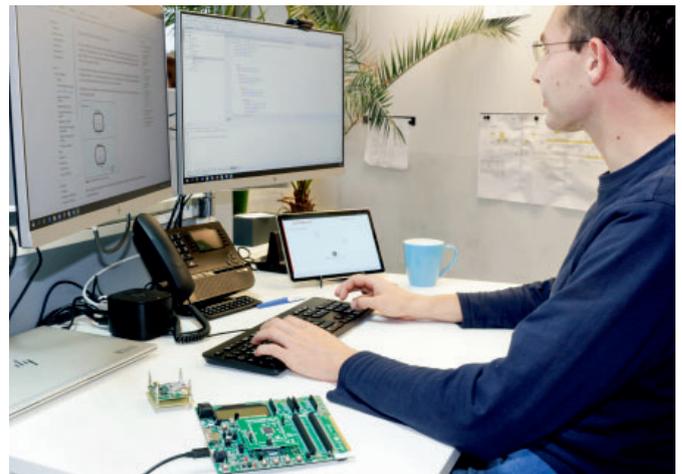
[www.inevo-solutions.com](http://www.inevo-solutions.com)

# At a glance

## Who we are

inevo solutions was founded in 2018 as another subsidiary of the GEMÜ Group. We are an interdisciplinary team of software engineers, mechanical engineers and industrial engineers and we specialize in integrated RFID solutions for industrial applications. We believe that this technology has enormous potential even beyond the valve market and our aim as an independent organizational unit is to be able to react to stringent market requirements with a quick and agile approach.

Our offices are located in the GEMÜ Dome in Waldzimmern in Niedernhall, Germany, and this physical proximity to other parts of the GEMÜ Group enables us to benefit substantially from their development and application expertise and manufacturing experience. Our flat organizational structures and agile processes enable us to react to your ideas and needs quickly and flexibly.





### What we do

With CONEXO, we offer an RFID system architecture that enables clear identification of wearing parts, paperless maintenance and process documentation. Furthermore, prior to implementation, we provide support for the analysis of maintenance and manufacturing processes, data preparation and selecting the appropriate software and hardware components. We also coordinate the connection to your existing maintenance or ERP systems.

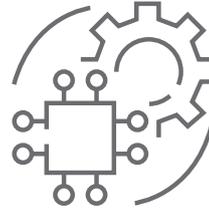


Diagrammatic view of the CONEXO system in the interaction between the RFID tag, pen, app and portal

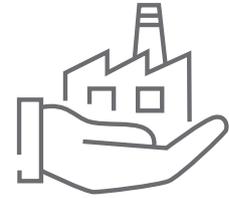
# Areas of application

Our CONEXO system offers a solution for varied fields of application. The main focus lies on solutions for process engineering and facility management. However, we would also be happy to support you in your specific application. Possible applications for our CONEXO system:

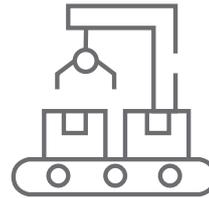
- Transparent implementation of system maintenance with greater process reliability
- Inventory of office or business equipment
- Identification and warehouse management of actuators, roller motors, etc. in logistics
- Hose identification in the pharmaceutical industry, chemical industry and industrial processes with maintenance support for mobile hose maintenance
- Identification and choice of location in facility management



Process engineering



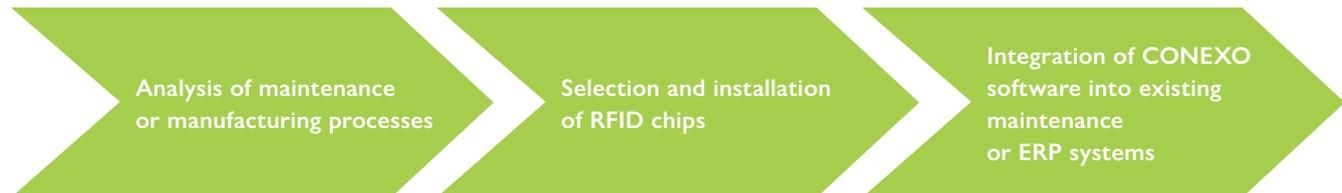
Facility management



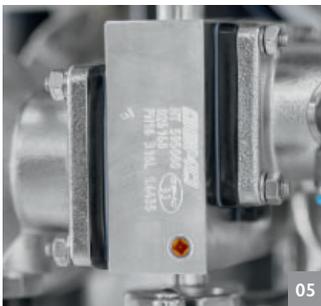
Logistics and transport systems



Customized solutions



# Electronic identification



Equip your products with our CONEXO tags for clear identification and traceability of your components. The RFID chips can be used for different applications. We currently offer the following installation types:

- Stainless steel seal [1]
- RFID adhesive label in different sizes for plastic or metal surfaces [2]
- Label made of stainless steel [3]
- Label made of PVDF [4]

It is also possible to manufacture customized tag-in-metal or tag-in-elastomer solutions. [5]

The CONEXO pen, our RFID reader developed in-house, can be used to identify components even in difficult-to-access locations. Using a wireless interface, the pen can be connected to any mobile device, tablet PC or smartphone. [6]

# Paperless maintenance

The CONEXO app makes it possible to create comprehensive and reliable maintenance processes. Step-by-step instructions guide users through the fully customizable maintenance workflows. Clear identification of components, coupled with innovative elements such as photo documentation or assessment schemes, ensures transparent and reliable maintenance. In addition, documentation that is clearly assigned to the component can be called up directly on location. The data recorded during the maintenance process can then be processed electronically.

The app has been developed in accordance with GMP directives (GMP-compliant) and is available in multiple languages (currently German, English, French and Japanese). It is compatible with Android (Version 4.0 or later) and with iOS (Version 8 or later).

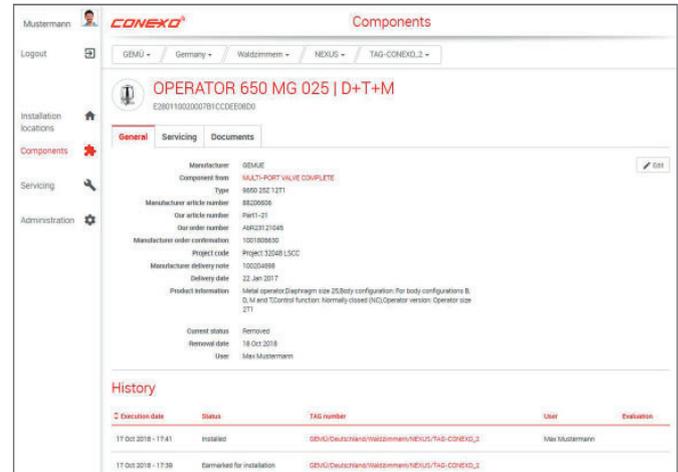


# Digital documentation & inventory

With the CONEXO portal, you have a central, digital archive of all maintenance data and documents at your disposal, which you can access quickly and easily from any location. The portal manages and processes all CONEXO system data, for example:

- Locations
- Buildings
- System sections
- Components equipped with CONEXO chips
- Users with individual access rights
- Maintenance processes
- Maintenance intervals
- Maintenance history

The database entries are visualized using a web interface to make access via a web browser (e.g. Internet Explorer, Firefox or Chrome) possible. As an alternative to installing the CONEXO portal locally on the customer's own network, it can also be hosted from a server in the cloud (web server).



The screenshot displays the CONEXO web interface. The top navigation bar includes the user name 'Mustermann', the CONEXO logo, and the page title 'Components'. Below the navigation bar, there are tabs for 'General', 'Servicing', and 'Documents'. The main content area shows detailed information for a component: 'OPERATOR 650 MG 025 | D+T+M'. The details include Manufacturer (GEMUE), Component class (SAATCHI-PORT VALVE COMPLETE), Type (6500 252 1271), Manufacturer article number (8820094), Our article number (P411-21), Our order number (ASR2121045), Manufacturer order confirmation (102109930), Project code (Project 32048\_LSC), Manufacturer delivery note (10004898), and Delivery date (22 Jan 2017). Product information includes 'Metal operator Drehmagn size 25, Body configuration: For body configurations B, D, M and TC control function: normally closed (NC), Operator version: Operator size 271'. Current status is 'Removed', removal date is '18 Oct 2018', and user is 'Max Mustermann'. A 'History' table at the bottom shows two entries: one installed on 17 Oct 2018 at 17:41 and another marked for installation on 17 Oct 2018 at 17:39.

Execution date	Status	TAG number	User	Evaluation
17 Oct 2018 - 17:41	Installed	GEV0/Deutschland/Waldsmiem/NEXUS/TAG-CONEXO_2	Max Mustermann	
17 Oct 2018 - 17:39	Marked for installation	GEV0/Deutschland/Waldsmiem/NEXUS/TAG-CONEXO_2		



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