



# AXOOM IoT Management

Smart Machines for the Manufacturing Industry

**AXOOM**



## Design the future with AXOOM

Being a digital leader, offering smart services, delivering innovative software applications, connecting machines securely via the Internet – which manufacturer doesn't have such goals on the agenda? AXOOM is the right partner to achieve precisely these milestones together.

Machine users also benefit directly from AXOOM's products and services on the shop floor: They gain more transparency when it comes to operating the entire machinery and can thus find and utilize optimization potential step by step. In this way they reduce production costs while improving quality and supplier reliability.

AXOOM connectivity experts have a variety of solutions to connect machines of all types and ages to the AXOOM Cloud. It usually takes no more than 30 minutes for a machine to deliver data to the dashboards for the very first time.

## AXOOM: An open ecosystem for the industrial sector

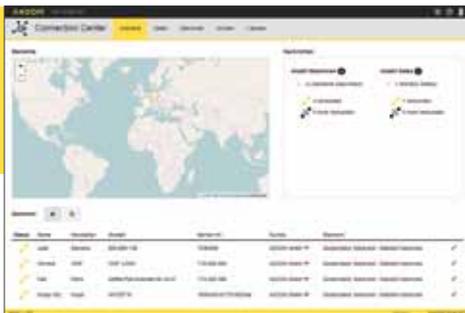
The AXOOM platform connects, machines, components, sensors and software independent of the manufacturer and enables continuous data transfer between systems and interfaces.

The cloud-based IoT platform hosts and pools the data and provides apps for the best use of the assets. This makes it easy to network, control and analyze complete machinery over the Internet. For this apps are used that are provided by AXOOM, by key users such as the mechanical engineering company TRUMPF and, in the future, by other platform participants.

# Exploiting potential and developing new business models with AXOOM

- > **Greater machine utilization and better processes** lead to lower production costs.
- > **Downtime is reduced** thanks to predictions and problem avoidance from a distance.
- > **Production stays updated** with the latest versions of the apps.
- > **Individually tailored customer service** is no longer time-intensive and expensive.
- > **Machine data supplied in real-time** helps to continually improve products.
- > **New digital services and business models** can be developed based on data, and with support from AXOOM, quickly launched on the market.

## AXOOM IoT Management: Three powerful apps for direct added value



### AXOOM Connection Center

Instrument for worldwide machine administration

- > Rapid and simple connection of machines to the platform
- > Clear visualization of sites and machines worldwide
- > Straightforward machine management and configuration of a heterogeneous machine park
- > Detailed views with relevant machine information and specifications

### AXOOM Condition Monitoring

Application for displaying live machine data and alerts

- > Live monitoring of machine statuses
- > Real-time warning system via various communication channels
- > Signal function in the event of discrepancies in machine operation
- > Individual dashboard design



### AXOOM Performance Dashboard

System for visualization of machine performance while in operation

- > Overview of the utilization of the production and the individual machines
- > Visualization of current and historical machine data
- > Information about machine performance across all production sites
- > Very user-friendly operation thanks to intuitive interfaces



Other integrated third-party data analysis applications are available through the IoT platform. Become part of the AXOOM ecosystem, enjoy the benefits of the open platform and turn Industry 4.0 from the buzzword into a reality!

AXOOM GmbH, headquartered in the technology region of Karlsruhe, was founded in 2015 as a subsidiary of the TRUMPF Group. The company employs around 100 people who see themselves as passionate shapers of the Industrial Internet of Things. With the AXOOM platform, they are developing an open operating system for the industry, which pools data from machines and provides apps for the optimal operation of these machines and the entire value chain. For the benefit of the AXOOM ecosystem:

Thanks to AXOOM technology, machine builders can offer smart machines and develop digital business models. Manufacturing companies are experiencing new dimensions of transparency and productivity. App and distribution partners benefit from the marketplace potential of the platform. The experts at AXOOM with their software and mechanical engineering know-how support this ecosystem: They quickly link every machine to the platform, develop individual strategies for digital transformation and thus make AXOOM the initiator and partner of integrated Industry 4.0 solutions.

## Our References



anacision



connectav●

DAIMLER

DERDACK

—EnBW



GS EXPERIENCE CENTER

i-botics  
intelligent robotics

klöckner & co



Metamation



SICK  
Sensor Intelligence.

optimize! softing



# smart forward.

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