



MECHANICAL ENGINEERING SHAPES DIGITIZATION

ADAPTIVE MANUFACTURING
OPEN SOLUTIONS

ADAMOS

FACTS

ADAMOS

Collaborative digitalization initiative by mechanical engineers for mechanical engineering

ADAMOS Partner network

Advancing innovations through cross-industry knowledge exchange

ADAMOS IIoT platform

Comprehensive features for efficient applications creation

Applications – tailor-made for mechanical engineering
Fast and efficient - custom and joint development for similar challenges



ADAMOS – A STANDARD IN MECHANICAL AND PLANT ENGINEERING

Why do we network machines?

Equipping machines and factories with smart technology like sensors, and networking these via the internet opens up new digital business fields in „the Industrial Internet of Things (IIoT)“.

Alongside humans, technology and capital, data is taking on a new dimension in companies. This presents huge potential in terms of efficient production processes, thus enabling companies to be more competitive and better suited to meet individual customer needs.

How do our customers benefit from data?

The data serve as a basis for the development of digital solutions. For instance, they enable predictive maintenance and increase the reliability and availability of machines and systems. The goal is to extract helpful information from the data and use this to deliver value-added services. This requires the use of digital solutions that purposefully analyze and evaluate the data (e.g., condition monitor or lifecycle manager). The insights gained create new possibilities of process optimization, e.g., predictive maintenance. Based on this, smart services (e.g., more efficient service management) can then be established and developed further to become a differentiating success factor.

This is precisely where ADAMOS comes in with a unique combination of network and technology. The strategic partnerships make it possible to exploit the enormous potential of digitalization in a faster, more efficient, and better targeted manner.



ADAMOS is the strategic alliance for the future topics of Industry 4.0 and the Industrial Internet of Things (IIoT) in mechanical engineering. Our goal is to combine the know-how from mechanical engineering, production and information technology and establishing standards for digital production. Together we master the digital challenges and focus on customer-centric IIoT-solutions and products.



ADAMOS IIoT-PLATFORM

SCALABLE | OPEN | LEADING-EDGE

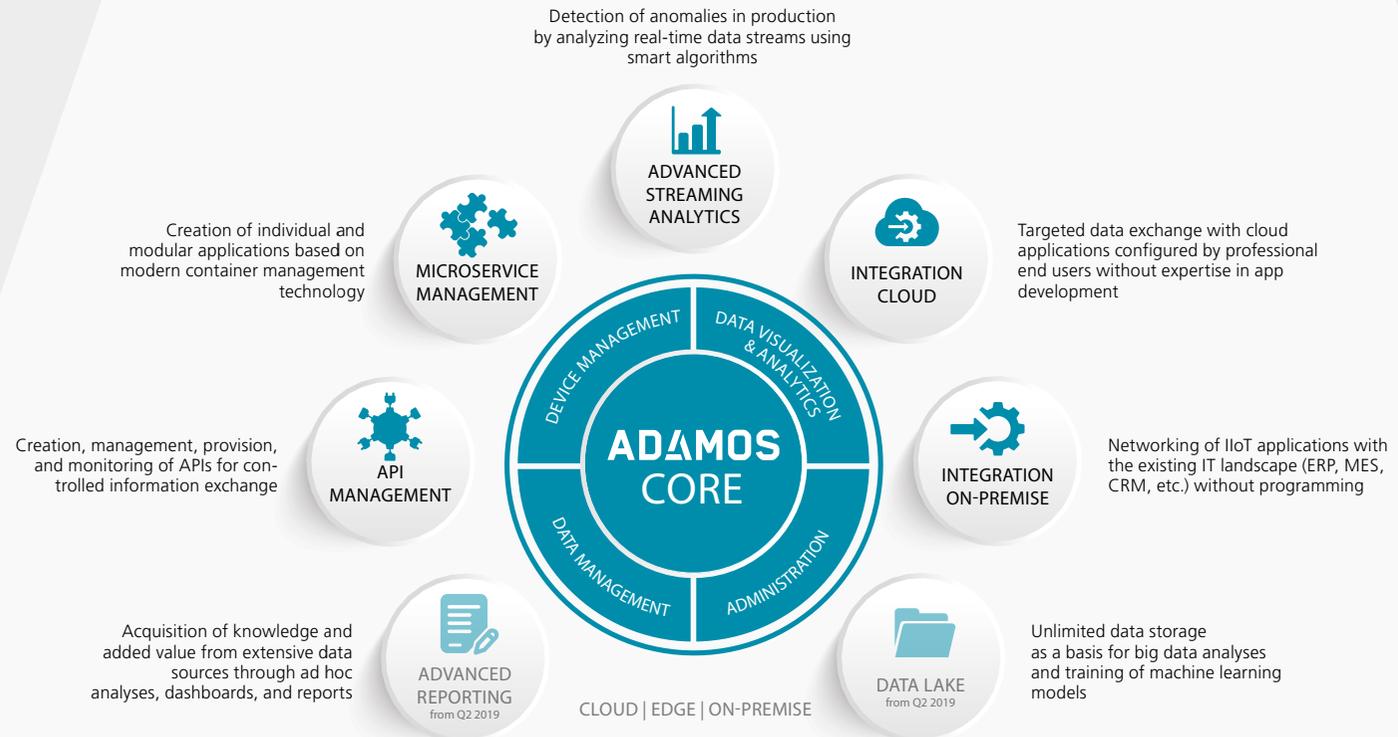
IIoT platforms provide the technical basis for digital solutions and business models. They form the basis for connecting millions of different machines, factories, and devices. The platforms can be used to consistently consolidate, visualize, and monitor the data as well as influence the respective process behavior.

ADAMOS offers an open and manufacturer-neutral IIoT platform for processing data and creation of digital applications.

ADAMOS IIoT platform

- + independent modules with extensive features
- + seamless integration of the modules for fast and easy application development
- + continuous expansion of the modules

In addition to its scope of functions, the ADAMOS IIoT platform also offers various non-functional concepts such as multi-client capability, scalability, and high availability.



ADAMOS IIoT-PLATFORM

Try it for free for 30 days:
adamos.com/en/free-trial

ADAMOS PARTNER NETWORK

TOGETHER INTO THE DIGITAL FUTURE

As value-added service provider, ADAMOS and its partners are all about customer-oriented IIoT solutions and products.

ADAMOS offers an environment for the development of individual or joint solutions. By organizing cooperation events, such as hackathons, partner days, and interdisciplinary task forces, ADAMOS actively encourages communication and collaboration within the network to take advantage of opportunities and synergies.

Our goal is to develop products and solutions for end-to-end processes involving different machines and devices - from planning to preparation, right up to manufacturing, monitoring and service.

ADAMOS Partner

Users of the ADAMOS IIoT platform which are mechanical and plant engineers or component manufacturers such as DÜRR, DMG MORI, ZEISS, ASM, ENGEL, KARL MAYER, WEBER, MAHR, OERLIKON, ILLIG etc.).

ADAMOS Enabling partners

Professional and technical support in the development and implementation of solutions as well as solution providers (integration, connectivity, and solution partners e.g., Software AG, logicline, nterra, Harting, PSSystec, WERKBLIQ etc.).



INNOVATE TOGETHER,
DEVELOP TOGETHER

SOLVE TOGETHER,
DIGITALIZE TOGETHER



LEARN TOGETHER,
DRIVE TOGETHER

START NOW WITH ONE OF THE STANDARDIZED ADAMOS PACKAGES!

BECOME AN ADAMOS PARTNER AND BENEFIT FROM A UNIQUE COMBINATION OF NETWORK AND TECHNOLOGY.

FROM 450 € PER MONTH

ADAMOS PACKAGES*

ADAMOS PLATFORM

from 50 assets

from 60 million data transfers

from 100 GB storage

Optional add-on modules

Optional on-premise & edge deployment

from 1 day proof of concept

ADAMOS PARTNER NETWORK

Access to ADAMOS Developer Center

Access to ADAMOS Partner Portal

ADAMOS Events (e.g. Hackathon)

Exclusive solution package catalog

Access to ADAMOS repository

ADAMOS basic training for 2 (or more participants)

SAMPLE CALCULATION FOR ENTRY-LEVEL PACKAGE

50 assets

(e.g. machines, devices, or components)

60 million data transfers

(e.g. for sending sensor data from an asset to the platform)

100 GB disk storage

(e.g., for storage of sensor data for big data analyses)

For example, this makes it possible to connect 50 machines each of which can carry out 60 data transfers per minute, over a period of 16 operating hours a day, 20 working days a month.

* for more information feel free to visit our homepage ADAMOS.COM



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