JENBACHER

DATA-BASED INSIGHTS

Services that matter



MANAGING COMPLEXITY

With growing emission regulations, the dynamic power market, and the pressure to increase the overall profitability of power plant operations, the need for digital solutions has become paramount. For more than a decade, INNIO Group has been investing in the smart and intelligent solutions you need to keep your plant running at optimal levels.

Data-driven operation

INNIO Group is harnessing the Industrial Internet of Things (IIoT) to address your growing needs for precise and data-driven decisions, either on site or remotely. With our myPlant digital solutions and algorithm-based technology for better plant operation, we help you increase the resilience and economics of your Jenbacher energy system.

Your strategic partner

As your Jenbacher system's original equipment manufacturer (OEM), INNIO Group is close to you through all the steps of your engine's lifetime. And, our digital solutions help you manage your plant operation and increase your profitability throughout the entire equipment life cycle. Our intelligent software even helps you comply with regulations by monitoring and decreasing your carbon emissions.

Cutting-edge technologies

Innovation never stops at INNIO Group. Our cloud-based solutions, based on our myPlant platform, combine rule-based and sensor-driven analytics with self-learning technologies and expert knowledge. These methods, embedded in our service offerings, enable easy asset management and monitoring, increase uptime, and help you optimize your operating costs.



EXCEPTIONAL INSIGHTS

We combine our leading industry expertise in our portfolio of smart digital solutions with our cloud-based myPlant technology. The result: an unprecedented level of insight into your industrial assets.

A powerful combination

Combining the proper set of digital tools, our OEM expertise, and data for your specific needs helps you benefit from better engine management and lower maintenance costs. Today, more than 12,000 engines are monitored remotely through INNIO Group's myPlant software. Our digital platform provides more than 1,200 billion data points annually — a powerful proof-point of INNIO Group's continuously evolving expertise and competence.



YOUR OEM DIGITAL SOLUTION ADVANTAGES

Engine management and business planning

Benefit from increased transparency and automated reporting to gain more time for essential tasks. Our algorithms continuously analyze engine and asset data to provide you with valuable insights and enable data analysis to identify patterns and optimize operations.

Remote issue resolution

With myPlant, we can solve more than 50%[1] of technical issues remotely on connected engines, thus reducing the need for on-site visits and minimizing equipment downtime.

Predictive maintenance

Our digital solutions monitor engine performance, detect issues early, and even predict maintenance events. Plus, our smart alert management keeps you updated 24/7/365, helping to prevent equipment failure and reducing maintenance costs — and providing another opportunity to boost plant profitability.

Profitability

For customers in selected regions, we offer our all-in-one energy management solution myPlant Optimization[2/3], which is used to create and feed in optimized overall plant schedules. This modular, cloud-based solution increases profitability by combining market and weather data, intelligent heat forecasts with your operational limits, and economic and governmental regulations. Coupled with INNIO Group's microgrid solution, myPlant Optimization also offers the possibility of optimizing your island and net parallel operation, delivering you energy security and increased profitability.

Proven success

- 12,000 engines connected to myPlant
- 4,000 active users per month
- >50%[1] remote fix rate
- 1,200 billion data points annually
- 70+ preventive analytics available

[1] The number refers to connected Jenbacher engines.
[2] Available in selected countries
[3] Optimization/optimize refers to the automatically generated recommendations for action by the myPlant Optimization energy management solution to improve the status quo of electricity trading and resource-efficient plant operation.

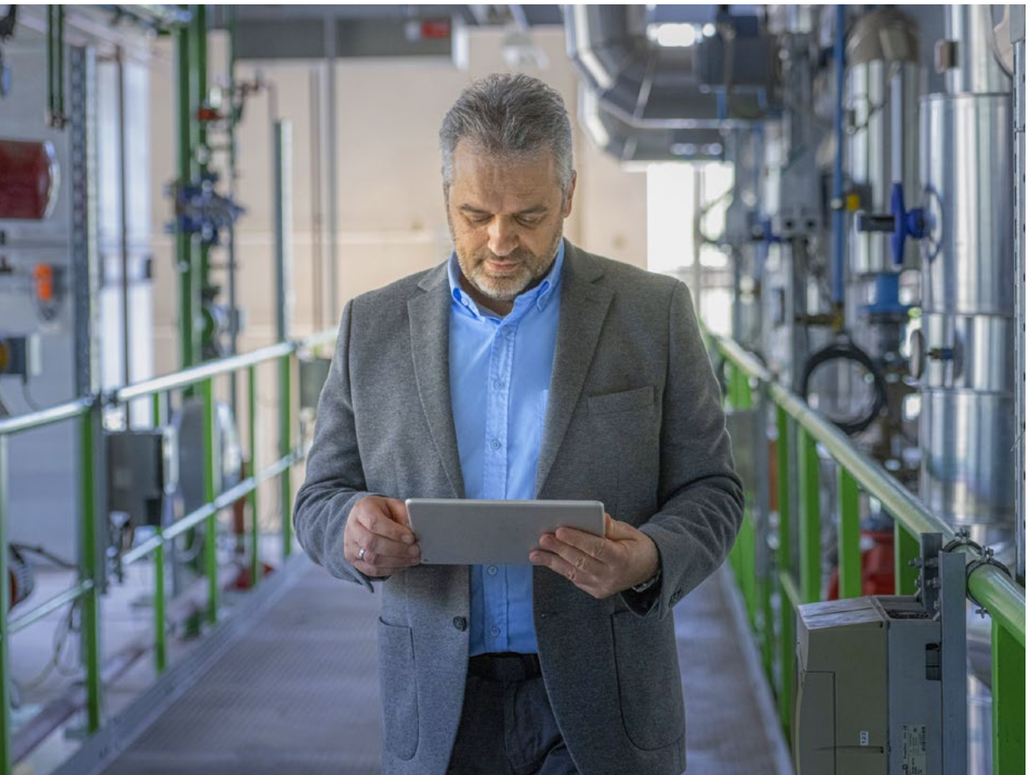
A FULL SUITE OF DIGITAL SUPPORT

The Jenbacher digital solutions portfolio

In the last decade we learned from you and developed a comprehensive portfolio of digital solutions to support your needs. Working with you, we constantly expand this suite of digital support.

Always with you

Our myPlant portfolio of applications and products actively supports you in your systems' operations and site improvement. Available anywhere and at any time through any digital device, myPlant technology helps you manage your operations from the office or on the go.



TWO MAIN myPlant PRODUCT LINES

myPlant Performance

Take your system to the next level with myPlant Performance, INNIO Group's digital cutting-edge technology focused on increasing your plant's uptime and efficiency and reducing your life-cycle costs while maintaining the highest cyber-security standards. Experience the benefits of intelligent, data-driven asset management, and take your operations to a new level.

Our myPlant Performance suite includes:

- myPlant Asset Performance Management: Gain a new level of control over your fleet with our core web and mobile monitoring application, accessible globally in real time. It leverages intelligent predictive monitoring and remote data access to enhance your engine reliability and reduce site visits.
- myPlant Remote Engine Operation: Get secure, one-click remote engine operation from your laptop or smartphone. Additionally, our solution can integrate live streaming from cameras stationed in your engine room to help ensure operational safety.
- myPlant Customer Connect[4]: Increase the performance and operations of your Jenbacher system with our intelligent and personalized mobile insights app. You also will simplify your interactions with our Services team. We're just a click away, ready to assist whenever you need us.

Plus:

- Get ahead of issues with early detection and resolution.
- Efficiently plan maintenance work with accurate remaining parts lifetime prediction.
- Call on our Technical Support anytime. More than 50%[5] of inquiries are solved remotely.



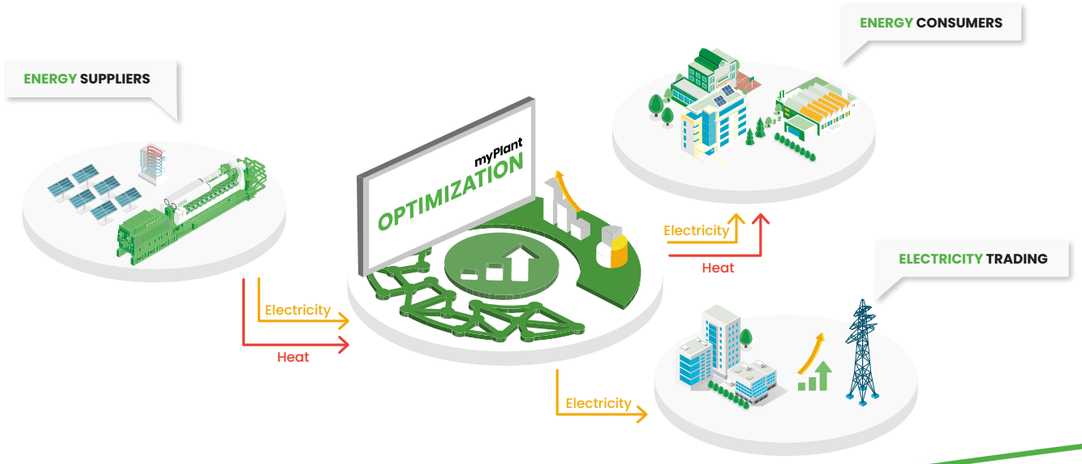
[4] Available in selected countries
[5] The number refers to connected Jenbacher engines.

myPlant Optimization[6/7]

Save time and increase your power plant's profitability with myPlant Optimization. Our digital platform provides holistically enhanced self-learning profiles for a variety of your power plant assets so you can easily manage your heat and energy-creating operations in support of your individual business model and specific needs. That's whether you are a biogas farmer, a heat and energy provider, or an industrial customer; whether you generate heat and electricity for your own needs or for trading purposes; and whether you need to meet regulatory standards or target governmental funds. By automating your operating plans based on the intelligent combination of electricity market prices and heat forecasts with your operations' economical, regulatory, and operational conditions, myPlant Optimization helps you meet the challenges of the new dynamic world.

Plus:

- Overall economical optimization of your power plant across individual assets — to meet your specific needs
- Automation of your plant operations with full data transparency — to save time and increase productivity
- Self-learning and intelligent algorithms that look at a variety of external and internal parameters — to increase profitability



Benefit from increased uptime potential

Avoid trips, increase availability and reduce maintenance costs with remote engine analytics.

Connect your engines to the myPlant platform today!

100% OEM components enable accurate remote monitoring of your Jenbacher plant.

[6] Available in selected countries
[7] Optimization/optimize refers to the automatically generated recommendations for action by the myPlant Optimization energy management to improve the status quo of electricity trading and resource-efficient plant operation.

INVESTING IN JENBACHER DIGITAL SOLUTIONS PAYS OFF

With immediate support via remote diagnosis, you gain economically. Using the intelligence of myPlant Performance provides you:

24/7
Remote monitoring diagnostics and analytics

Reduce unplanned downtime

>50%
Remote fix rate[8]

Fewer service technicians dispatches

145,000
Avoided costs[9]

[8] The number refers to connected Jenbacher engines.
[9] e.g., with a J620 (3.3 MW):
With a J620 (3.3 MW) engine, a shutdown of six to eight weeks could trigger a shortfall of €145,000, depending on feed-in tariffs and downtime.



EFFICIENT GREENHOUSE OPERATION

In the Netherlands with myPlant technology

Dutch grower Prominent depends on 70 Jenbacher engines to provide the reliable on-site lighting, heat, and CO_2 fertilization needed to support greenhouse plant growth. Plus, myPlant Performance technology's predictive analytics evaluate component conditions for improved greenhouse efficiency and reduced downtime.

Predictive analytics benefits

- Increased availability and uptime of Jenbacher engines — up to 98%
- Reduced engine downtime through the timely detection and prediction of component conditions
- Reduced number of maintenance operations
- Improved equipment reliability and safety

»The ability to monitor key engine performance indicators is of utmost importance to us – both for reliability and efficiency. Our myPlant Performance user apps and interfaces are very friendly to work with, and provide an instant overview of engine condition for maximum predictability.«

Jacco Besuijen,
Energy Manager of Prominent

JENBACHER SERVICES SOLUTIONS

Our global Jenbacher Services team knows your Jenbacher energy system best. As your OEM, INNIO Group provides you with a full suite of life-cycle solutions — from original parts to reliable remote and on-site services — all enabled by our cutting-edge myPlant technology.



Your Jenbacher Services team

TOTAL SUPPORT FROM INNIO GROUP

Delivering flexibility and experience

Drawing on more than 65 years of power innovation, INNIO Group's Jenbacher technology provides hydrogen-ready power generation to businesses and industries striving for a greener future. Today's highly efficient Jenbacher systems deliver energy independence through low-emission, secure, and cost-effective energy solutions.

With key benefits from our powerful digital platform

Through our myPlant Performance digital platform, we provide remote support for our connected customer-operated systems around the globe. Today, more than 12,000 Jenbacher systems are managed remotely, and more than 1,200 billion data points are evaluated annually – a powerful proof-point of INNIO Group's knowledge and experience.

Backed by our commitment to sustainability

At INNIO Group, we commit to the highest ethical standards and implement best practices in governance and compliance. A sustainable way of conducting business is front and center of everything we do. By selecting us as your supplier, you enter a long-term relationship with a reliable partner. Our fundamental mission to deliver a sustainable future and empower the world's transition to net zero was recognized with prestigious EcoVadis ratings. In 2021, we joined the "Race to Zero" campaign, initiated by the United Nations, to bring together global leadership for an accelerated transition to a net-zero future. Thanks to our efforts, INNIO Group's ESG Risk Rating again secures our number one position across more than 500 companies globally in the machinery industry assessed by Sustainalytics.[10]

[10] Ratings took place in March 2023.

HOW WILL YOU BENEFIT?

Contact a consultant from Jenbacher Services to learn more.

We can help you gain a whole new level of insight into your industrial assets. Let us work with you to design customized digital solutions to meet your needs.

Reach out today by completing the contact form online: jenbacher.com/contact.



About INNIO Group

JENBACHER

INNIO Group is a leading energy solution and service provider that empowers industries and communities to make sustainable energy work today. With its product brands Jenbacher and Waukesha and its digital platform myPlant, INNIO offers innovative solutions for the power generation and compression segments that help industries and communities generate and manage energy sustainably while navigating the fast-changing landscape of traditional and green energy sources. INNIO is individual in scope, but global in scale. With its flexible, scalable, and resilient energy solutions and services, INNIO enables its customers to manage the energy transition along the energy value chain wherever they are in their transition journey.

INNIO is headquartered in Jenbach (Austria), with other primary operations in Waukesha (Wisconsin, U.S.) and Welland (Ontario, Canada). A team of more than 4,000 experts provides life-cycle support to INNIO's more than 55,000 delivered engines globally through a service network in more than 100 countries.

In March 2023, INNIO's ESG rating ranked first out of more than 500 companies worldwide in the machinery industry assessed by Sustainalytics.

For more information, visit the INNIO website at **innio.com**, the Jenbacher website at **jenbacher.com** or the Jenbacher Services website at **jenbacher.com/en/services.**

Follow INNIO Group and its brands on 𝕏 (formerly known as Twitter) and in.

ready for H_2

ENERGY SOLUTIONS.
EVERYWHERE, EVERY TIME.

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PLATINUM Top 1% 2023 ecovadis Sustainability Rating

SUSTAINALYTICS 2023 ESG INDUSTRY TOP RATED

Jenbacher is part of the INNIO Group

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