



## PRESS RELEASE

# ANDRITZ presents new digitalization platform and innovative digital products at the Hanover Trade Fair

- Live demonstration of the all-in-one digital platform for complete coverage of production processes
- World-class cybersecurity and data protection solutions
- Proven IIoT products and smart services provide substantial added value for customers

*GRAZ, MARCH 15, 2019.* International technology group ANDRITZ will be presenting its new all-in-one, internet-based Human-Machine Interface and its comprehensive portfolio of innovative digital products and solutions – offered under the technology brand name Metris – at the Hanover International Trade Fair from April 1 to 5, 2019 in Hall 6, booth E29. ANDRITZ digital experts will introduce trade visitors to cutting-edge solutions scalable from a single machine to complete end-to-end solutions for entire production processes. This includes digital plant and process optimization, Digital Twins, machine learning, sensor technology, condition monitoring, augmented reality, cybersecurity, and digital smart services.

## EXPERIENCE THE METRIS DIGITAL CUSTOMER JOURNEY

The newly developed Metris digital platform is an internet-based Human-Machine Interface (HMI) that enables full support for industrial plants throughout their entire life cycle. By using the platform, customers achieve higher productivity and a significant reduction in downtime as well as benefitting from fully automated smart services like the online Metris Spare Parts Catalog.

Visitors can experience the all-in-one Metris digital platform via live demonstration based on a 3D-printed and digitally augmented tissue machine in operation. The tissue machine communicates with the ANDRITZ all-in-one digital platform, which covers and analyzes all relevant plant and process areas.

## WORLD-CLASS CYBERSECURITY

Digital networking between humans and machines as well as connecting systems urge the need for data safety and protection against cyberattacks. So cybersecurity has become of utmost importance to all industries worldwide. ANDRITZ and its majority-owned subsidiary OTORIO, a company founded by former Israeli defense forces' cyber experts with decades of experience, have developed an extensive cybersecurity program ranging from advanced assessments and consulting services to the implementation of proven cybersecurity and risk management technologies.





ANDRITZ has embedded OTORIO's innovative solutions into its market-leading products and services, thus ensuring every machine meets the highest cybersecurity standards. The advanced services are delivered in the safest way, ensuring the customer's continuous efficient and effective production with proprietary data security.

Visitors are invited to come to the ANDRITZ booth and meet the professionals from Otorio to find out how they can help make your business and operations safer.

### ADDED VALUE WITH ANDRITZ DIGITAL SOLUTIONS

The digital ANDRITZ technologies combined under the Metris technology brand reflect the very latest state of the art in the IIoT/Industry 4.0 sector and provide comprehensive support to customers. Metris products help customers achieve their production and corporate goals in terms of increasing the efficiency and profitability of plants, optimizing the use of resources, avoiding breaks in production, and achieving highest product quality:

- **Metris Smart Service for online customer interaction**

Metris Smart Service covers all ANDRITZ digital services for customer interaction on the basis of connected, intelligent software solutions supporting various business processes. **Metris Customer Care**, an innovative communication platform and single point of entry to all ANDRITZ digital services, provides full visibility for all customer interactions and simplifies collaboration with ANDRITZ.

**The Metris Spare Parts Catalog** enables the customer to identify all of the machines and systems in the plant and then select the exact spare parts required. Using either 2D-drawings or 3D-models, the Metris Spare Parts Catalog guarantees that only the correct spare parts are requested and that a quote is issued within a very short time. With a dedicated focus on usability and simplicity, the Metris Spare Parts Catalog provides greater efficiency for our customers.

- **Metris OPP (Optimization of Process Performance)** is a piece of analytical software that collects information from systems about each control loop, control valve, motor, and other process variables on sites like chemical plants, steel mills or pulp mills. Advanced signal processing and statistical tools identify potential for optimization, which is then interpreted by ANDRITZ experts who work with the clients' operations and maintenance staff. Operational stability increases, and waste is reduced significantly. The business model is based on continuous savings right from the start and a positive cash flow throughout the contract. ANDRITZ's customers have achieved savings of more than 150 million euros, without any additional investment.



- **Metris Vibe** is an integrative condition monitoring solution providing predictive maintenance for machines and plants. Besides monitoring and controlling the machine's performance, Metris Vibe has an innovative vibration and temperature sensor and operates via a wireless connection so that it can also be used on equipment that is very difficult to access or is subject to safety issues. Further advancements like sound intelligence systems using industrial microphones to capture irregularities, including big data analysis, complement the performance scope of Metris Vibe. The result is substantially reduced downtimes, higher efficiency, and greater reliability.

We invite visitors to come and see us in **Hall 6, booth E29** or join one of our presentations:

- "Industry 4.0 – a holistic approach in the area of manufacturing", Glatz Klaus & Blechinger Klaus, Forum Automation, Hall 14, Stand L19, April 1, 2019 11:00 a.m.-11:20 a.m.
- "The five essentials for safe digitalization in the face of destructive cyber threats", Attar Yair, Industrial Security Forum, Hall 6, Stand F03, April 3, 2019 04:00 p.m-04:20 p.m.

For more information please visit [andritz.com/hannover19](http://andritz.com/hannover19)

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Metris digitalization platform as a holistic digitalization concept



Metris Smart Service for sophisticated customer care

#### **PRESS RELEASE AND PHOTO AVAILABLE FOR DOWNLOAD**

Press release and photo are available for download at [andritz.com/news](https://andritz.com/news). The photo may be published free of charge if the source is stated: "Photo: ANDRITZ".

#### **FOR FURTHER INFORMATION, PLEASE CONTACT**

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## **ANDRITZ GROUP**

ANDRITZ is an international technology group providing plants, systems, equipment, and services for various industries. The company is one of the technology and global market leaders in the hydropower business, the pulp and paper industry, the metal working and steel industries, and in solid/liquid separation in the municipal and industrial segments. Other important fields of business are animal feed and biomass pelleting, as well as automation, where ANDRITZ offers a wide range of innovative products and services in the IIoT (Industrial Internet of Things) sector under the brand name of Metris. In addition, the company is active in power generation (steam boiler plants, biomass power plants, recovery boilers, and gasification plants) and environmental technology (flue gas and exhaust gas cleaning plants) and offers equipment for the production of nonwovens, dissolving pulp, and panelboard, as well as recycling plants.

A passion for innovative technology, absolute customer focus, partnership, reliability, and integrity are core values to which ANDRITZ is committed. The listed Group is headquartered in Graz, Austria. With almost 170 years of experience, 29,000 employees, and more than 280 locations in over 40 countries worldwide, ANDRITZ is a reliable and competent partner and helps its customers to achieve their corporate and sustainability goals.