Press release

**ANDRITZ presents “Metris – Industrial IoT Solutions”**

**Graz, May 31, 2017.** International technology Group ANDRITZ has combined its innovative IoT (Internet of Things) solutions, which are field-proven in many reference plants, with immediate effect under the   
technology brand “Metris – Industrial IoT Solutions”. Metris technologies are the very latest state-of-the-art in the IoT/Industry 4.0 sector and can be fully tailored to individual customer requirements.

**Substantial customer benefits**

Based on extensive and long-term experience as a supplier of technologies and systems for various   
industries, ANDRITZ offers a broad portfolio of intelligent, digital solutions that provide significant support to   
customers in achieving their production and corporate goals:

* Enhancing plant efficiency and profitability
* Optimizing the use of resources
* Constant and highest product quality
* Avoiding production downtime
* Maximum user-friendliness, for example easy control via smartphone or tablet PC

**Metris is based on three pillars of technology: Smart Sensors, Big Data, and Augmented Reality**.   
In addition to the use of conventional **Smart Sensor** technologies for analysis of measurements and signals, ANDRITZ offers micro and wireless sensors as well. This can be used to optimize operation of the plants or systems by analyzing specific parameters that are freely selected by the customer.

In the **Big Data** sector, Metris products calculate any deviations in production in advance by means of field-proven simulation processes and use them to derive the control actions required. In this way, for example, production downtime can be avoided or the use of consumables reduced.

With **Augmented Reality applications**, information is made visible where it is needed, which is on the spot at the plant itself. The technology focuses on showing the information in context so that the operating   
personnel gets the best possible support, particularly for complex control actions.

**ANDRITZ OPP: successful IoT solution already in use for many years**

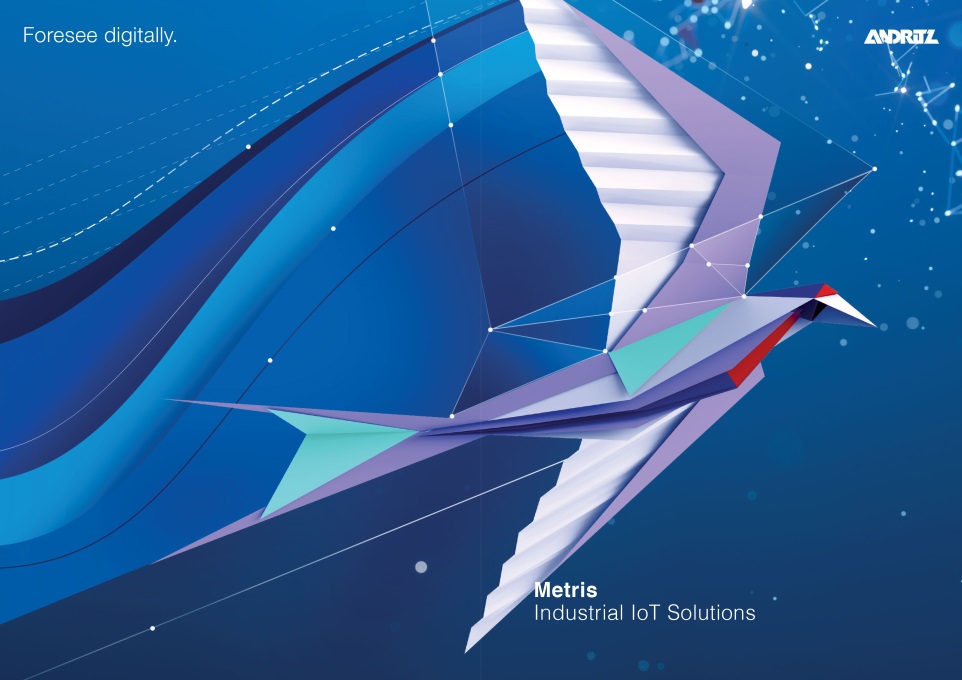
Over ten years ago, ANDRITZ developed OPP (Optimization of Process Performance) – a system to   
optimize equipment and plants in the pulp and paper industry – for the PULP & PAPER business area and has continued to improve it further on the basis of customer experience. The OPP system detects any anomalies and deviations in pulp and paper production at an early stage by analyzing production data. Sheet breaks or other adverse effects on production can thus be predicted at an early stage.

As a result, countermeasures can be implemented in good time, guaranteeing reliable production and also optimizing operations and the use of resources. ANDRITZ OPP systems are being used successfully all over the world. Large corporations like Metsä Fibre, Smurfit Kappa, or Fibria have relied on the success of the OPP system for many years.

Now ANDRITZ has developed OPP further for use in other business areas and is offering solutions for   
different sectors. The technologies used are adapted to the requirements and needs of each individual   
customer.

Gerhard Schiefer, head of ANDRITZ AUTOMATION: “*With Metris, we are combining all of the ANDRITZ GROUP’s IoT solutions under a single technology brand that stands for innovation and know-how. We offer scalable, multi-branch IoT solutions down to machine level that can be used for new and also existing machines and systems and support our customers substantially in achieving their goals in terms of productivity and efficiency in the best possible way.”*

– End –



◄ Metris **–** Industrial IoT solutions:   
technology brand of the ANDRITZ GROUP for innovative IoT solutions for various industries

**Press release and photo available for download**

Press release and photo are available for download at www.andritz.com/news. The photo may be published free of charge if the source is stated: “ANDRITZ”.

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**The ANDRITZ GROUP**

ANDRITZ is a globally leading supplier of plants, equipment, and services for hydropower stations, the pulp and paper industry, the metalworking and steel industries, and for solid/liquid separation in the municipal and industrial sectors as well as for animal feed and biomass pelleting. Other important business segments include automation and service business. In addition, the international group is also active in the energy generating sector (steam boiler plants, biomass boilers, recovery boilers, and gasification plants) and in environmental technology (flue gas cleaning plants), and offers equipment for the production of nonwovens, dissolving pulp, and panelboard (MDF). The publicly listed technology Group is headquartered in Graz, Austria, and has a staff of approximately 25,200 employees. ANDRITZ operates more than 250 sites in over 40 countries.

**ANDRITZ AUTOMATION**

More than 2,000 ANDRITZ employees worldwide develop automation solutions and products for digitization and   
networking of systems and components. ANDRITZ AUTOMATION helps industrial facilities around the world to realize their full potential by maximizing output, minimizing costs, and optimizing operations. The experienced ANDRITZ   
AUTOMATION team focuses on the design of electrical, control, and instrumentation systems, drawing on some of the world’s leading simulation, advanced process control, and operator training tools.