

## Media Release

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### **Digital solutions increase the efficiency of paper production**

2018-10-26

- **OnCumulus: One central data hub for digitalization**
- **OnCare.Asset: Management of maintenance processes and material stock**
- **OnEfficiency: Advanced measurements and controls**
- **OnCare.AR: Remote service through Augmented Reality**

**Lucca, Italy.** More than 40 papermakers from numerous mills and representing six countries attended a lunch and learn event hosted by the technology company Voith during the MIAC exhibition in Lucca, Italy. Attendees had the opportunity to learn about the digital future of the paper industry and innovative technologies. During the session, Voith representatives gave short presentations introducing the company's latest products.

"The MIAC exhibition was the perfect venue for our event," said Francesco Manzo, Senior Vice President Sales EMEA, Division Digital Ventures at Voith. "There are many paper mills in the area around Lucca that are facing the same challenges in digital transformation. With our products, we enable the customers to meet these challenges by increasing the efficiency of their production and processes."

#### **One central data hub for digitalization**

During the event, Voith experts introduced four digital products. Voith's IIoT platform OnCumulus serves as the data hub for data from all kinds of sources – for example plants, production lines, machines and devices. Customers benefit from one central hub for their data from which they can launch their digitalization initiatives.

The OnCumulus.Platform is based on open-source and highly standardized technologies. It provides fast, reliable and secure access to

data from local machines and systems in the cloud, as well as fast provisioning for value creation. The platform is scalable, flexible and extensible at any time.

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### **Management of maintenance processes and material stock**

OnCare.Asset is one of the applications that runs on OnCumulus. It increases the accessibility, usability and transparency of plants. The system helps to manage all maintenance activities and enables easy spare parts management. Furthermore, it grants simple access to support and increases the interconnectivity of the whole equipment.

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### **Advanced measurements and controls**

Product quality can fluctuate at various stages during production due to a lack of control and visibility of some sub-processes. OnEfficiency is an intelligent digital solution that resolves this issue. Using insight data and sustainable data analysis, it provides an accessible way of stabilizing and optimizing production. The product quality becomes more reliable, the production costs decrease, and KPIs can be targeted accurately.

### **Remote service through augmented reality**

OnCare.AR supports customers by identifying equipment through searching for plant identification codes or scanning the nameplate itself. Customers can access their information easily from different silos and host it at the right place at the right time via augmented reality technology. This enables fast and efficient remote service, for example. The system collects and delivers all necessary information from multiple sources – with a proven UI/UX on tablets, smartphones and new devices like the Microsoft HoloLens.

“The event has been a great success for us. We have received a lot of positive feedback from our customers. That motivates us to organize a similar event next year”, summarizes Francesco Manzo.

More about OnCare: <http://voith.com/corp-en/products-services/automation-digital-solutions/oncare.html>

More about OnEfficiency: <http://voith.com/corp-en/products-services/automation-digital-solutions/onefficiency.html>

More about OnCumulus: <http://voith.com/corp-en/digital-solutions/oncumulus.html>



**Picture:** The digital solutions of Voith help to increase the efficiency of paper production

### **About the company**

Voith Digital Ventures bundles Voith's long-standing automation and IT expertise with its know-how in the fields of water power, paper machines and drive engineering. This new Group Division works with new and existing customers to develop innovative products and services by driving IIoT innovations and decisively shaping the digitalization process in the field of machine and plant engineering.

Voith is a global technology group. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, oil & gas, paper, raw materials and transport & automotive. Founded in 1867, Voith today has more than 19,000 employees, sales of €4.2 billion and locations in over 60 countries worldwide and is thus one of the largest family-owned companies in Europe.

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