

## - World Nuclear Exhibition -

### Daher cements its lead in innovation with a predictive maintenance solution for smart valves

Paris, June 26, 2018 – **Spurring growth through innovation, Daher is leveraging its expertise in the design, manufacture and assembly of high-performance valves for the nuclear and energy sectors. The Group has developed a connected smart valve for predictive maintenance. This disruptive technology is both a strategic priority for Daher and its customers, as well as operational performance and sales driver.**

#### **Predictive maintenance on smart valves optimizes operating costs**

Daher has maintained its place as **market leader in high-performance valves for the nuclear and energy sectors** for many years, supporting the largest facilities worldwide. It was only logical for the Group to **develop a predictive maintenance solution, which reduces maintenance costs by 10 to 15%.**

#### **Operators currently use two types of maintenance plans:**

- Valve replacement after a set number of years, even when in perfect working order, which incurs financial losses.
- Valve replacement in the event of a breakdown in between two maintenance plans, often leading to downtime on the line, which can incur additional costs. In addition to the stoppage of operation, time is needed to identify the breakdown, order a new valve, wait for delivery, install the valve, etc.

In response to the situation, Daher embarked on an **employee-led development project to implement predictive maintenance for smart valves.** The solution entails equipping the valves with sensors and connecting them to an IoT platform developed by Nexess, which detects weak signals in the valves' "signature" (vibration speed, temperature, flow, etc.) to predict potential breakdowns.

Daher leverages its expertise to handle the manufacturing of the valves, installation of sensors on the valves and signal diagnostics.

*"This project furthers Daher's strategy for innovation and digitalization while cementing the Group's position as a designer and manufacturer of high-performance valves. The initial tests yielded conclusive results and we aim to market the solution beginning in 2019. The development of the technology is the perfect example of the constructive process underway at Daher, which is leading to effective innovations that boosts its customers' competitiveness. This success is also attributable to the skill and motivation of the teams involved in the project, without whom we could not have reached our goals."* **Hervé de Chillaz, Senior Vice-President, Advanced Technologies Business Unit**

To explore the groundbreaking predictive maintenance solution in virtual reality  
**Visit the Daher booth (Hall 7 - 69) at the World Nuclear Exhibition  
in Paris Nord Villepinte**

## About DAHER - [www.daher.com](http://www.daher.com)

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Daher is an aircraft manufacturer, equipment supplier and service provider. In 2017, the company posted turnover of €1.1 billion, strengthening its leadership in three business lines: aircraft manufacturing, aerospace equipment and systems, and supply chain and logistics services.

Daher is a family-owned company that has been driven by innovation since its inception, in 1863. With operations in 11 countries, DAHER has established itself as a key player in Industry 4.0 by designing and developing solutions that bring significant added value to its industrial partners.

DAHER is also on social networks:

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