



PRESS RELEASE

Atos and startup Rcup create intelligent insoles to reduce accidents at work in manufacturing sector

Paris, May 15, 2019 – Looking ahead to [VivaTech](#), Atos, a global leader in digital transformation, and the startup [Rcup](#), have joined forces to address musculoskeletal disorders (MSDs)¹ for operators working in industrial environments or medical personnel, with intelligent morphological insoles.

Developed as part of a project called '**Mission Zero Accident**', these morphological insoles, inserted into safety shoes, are tailor-made for each operator, and reduce back strain. They are also equipped with integrated sensors that collect anonymously, on a daily basis, a large amount of data (loads carried by operators, movements in the factory) which are then transmitted to a secure platform hosted by Atos. They are then analyzed by **Machine Learning algorithms**.

These algorithms, developed by Atos experts using Google Cloud tools, are used to model MSD risk factors. The results of these analyses are then returned to the actors concerned (operators, managers, human resources, occupational health) in the form of intelligible and actionable indicators. These indicators make it possible to generate **alerts in real time** and also afterwards, to **better understand the exact causes** of MSDs and to take appropriate corrective measures.

Thanks to Atos' security expertise, data is perfectly secured with a '**privacy by design**' approach, right from the design of the insoles and their algorithms.

*"Through this global project, Atos mobilizes a wide range of skills (consulting, data science, data protection, development, integration, hosting) and leverages its partnership with Google Cloud, as well as its expertise in the industrial sector, to provide a robust and innovative solution to our clients in the manufacturing sector, but also insurance companies and even medical personnel," says **Philippe Mareine, SEVP, Head of Group Human Resources, CSR, Chief Digital & Transformation Officer at Atos.***

*"Our objective is to put Artificial Intelligence to work for 'Zero Accident' and 'Zero occupational illnesses', which create pain for individuals and can even lead to disability," adds **Frédéric Lassara, founder and CEO at Rcup.** "Working with a large group such as Atos allows us to benefit from significantly increased resources and thus accelerate the development of our innovative solutions."*

¹ Musculoskeletal disorders (MSDs) are injuries or pain in the human musculoskeletal system, including the joints, ligaments, muscles, nerves, tendons, and structures that support limbs, neck and back.

Leading French groups in the manufacturing, construction and health insurance sectors have already expressed their intention to join the 'Mission Zero Accident' project to test the solution, each in its own specific context.

Atos et Rcup's solution will be presented live on the Atos LAB at [Viva Technology](#) in Paris (Hall 1, D39), the international meeting place for major groups and start-ups to celebrate innovation. In addition, Atos presents "[Atos Technology Days](#)", its annual event, this year around the theme of IoT, from 16 to 18 May.

About Rcup

Startup Rcup's mission is to improve employer health and safety policies by using IoT-based solutions and algorithms to prevent hazardous situations. More info at: rcup.io

About Atos

Atos is a global leader in digital transformation with over 110,000 employees in 73 countries and annual revenue of over € 11 billion. European number one in Cloud, Cybersecurity and High-Performance Computing, the Group provides end-to-end Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions. The group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and operates under the brands Atos, Atos Syntel, and Unify. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

The purpose of Atos is to help design the future of the information technology space. Its expertise and services support the development of knowledge, education as well as multicultural and pluralistic approaches to research that contribute to scientific and technological excellence. Across the world, the group enables its customers, employees and collaborators, and members of societies at large to live, work and develop sustainably and confidently in the information technology space.

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