Amiral Technologies launches version 1.5 of its flagship blind failure prediction software DiagFit during the AI PARIS event 2020

Grenoble, September 14, 2020.

As AI PARIS 2020 and Big Data Paris merged into one big event, it became the tech meeting of the year. This event is offering the best opportunities and the best technologies of artificial intelligence through two days of exposure, strategic conferences and business use cases, workshops and meetings.

Amiral Technologies is proud to announce the commercial availability of version 1.5 of its flagship blind failure prediction software DiagFit during the AI PARIS event 2020.

DiagFit is powered by a **novel technology invented by CNRS** (French National Research Centre). Its main benefit is its ability to predict failure of IIoT-enabled equipment by tracking their generated data without the need of exhaustive historical failure data to train the algorithm.

By automatically generating highly rich and powerful health indicators from the IIoT data, DiagFit builds a multi-dimensional normality space and tracks deviations to raise alerts for failure, wear or distortion that the equipment is experiencing.

The newly released version 1.5 of DiagFit includes the possibility to suggest and rank the reason of the alert and to allow the operator to confirm or modify the diagnosis, thus enriching overtime a failure dictionary and the accuracy of predictions.

DiagFit alerts can directly integrate with supervision tools via the MQTT protocol, and the newly available REST APIs enable customers to integrate DiagFit into their own end-to-end Maintenance workflows.

DiagFit 1.5 can be deployed on premise, on Edge or can be accessed via the Cloud.

Failure prediction in the industry has always been a critical topic. Data-based solutions emerged with the rise of industrial IoT, and high return on investment was expected but the **lack of historical failure data to train Machine Learning algorithms** in the last years, has led to a lot of frustrations from industrial customers and investors.

In the last 18 months, Amiral Technologies has proven to several customers that its breakthrough approach to failure prediction without historical data has removed this major roadblock to reaching

high ROI, delivering stunning results on use cases in the transport, energy and the manufacturing sectors.

With DiagFit 1.5, Amiral Technologies goes a step further into the industrialisation of this ground breaking technology.

''One of the main challenges for a deep tech startup is to build around its core technology a marketable product. This means a perfect combination of unique features with a seamless user experience, resulting in intelligent automation. This cocktail is subtle and difficult to manage, it is the condition of the DiagFit's adoption by a large community of non-expert users. This is our daily job at Amiral Technologies, and we work with some key partners to co-develop the DiagFit's user experience. DiagFit 1.5 is the first major milestone of this journey, and all of our future releases will follow the same logic.'' **Simon Gazikian, CEO of Amiral Technologies**

About Amiral Technologies

Amiral Technologies is a CNRS spin-off. Its innovation is the result of 10 years of academic research in Artificial Intelligence, Automation and Control Theory. Its technology is revolutionizing IIoT data processing for critical, complex and high value-added industrial sectors. At the heart of its innovation is its algorithm for automatically generating functionalities for industrial time series, whatever their nature. This innovation allows Amiral Technologies to bring to market high performance predictive models capable of learning with little or no historical failure data. They quickly adapt to the needs of our industrial customers and to their specific equipment context.

Contact:

Justine Gazikian

Marketing Manager

justine.gazikian@amiraltechnologies.com

+33666364244