

INDUSTRIAL INNOVATION

Atawey, the French leader in hydrogen refueling stations¹, launches ata'START and ata'CHECK

These programmes, for which patent applications have been filed, enable stations to be commissioned more quickly, while enhancing their safety throughout their operation.

Paris, 13 June 2023

Atawey is pleased to announce the launch of its new automated station diagnostics software, which includes two programmes: ata'START and ata'CHECK. **These technological innovations, for which patent applications have been filed, are a direct result of the industrial know-how of the company's R&D teams, and are an essential building block that will facilitate the roll-out of hydrogen mobility in France and internationally through the accelerated and secure commissioning of hydrogen refueling stations.**

Developed in just six months, the software uses self-diagnosis and self-monitoring programmes to **provide early warning of drifts and failures in the components of a charging station – failures that could ultimately result in the station being unavailable – and to maximise safety when the station is commissioned or following maintenance operations.** The ata'START programme also means that mobile and compact hydrogen refueling stations can be brought into service very quickly, a real competitive advantage in a fast-growing market.

Ata'START: the commissioning self-test, a high-performance tool for optimising station commissioning

When it comes to commissioning a mobile hydrogen refueling station used, for example, for breakdown repairs or temporary and/or event use, commissioning is a key stage that requires speed and expertise, as transport may have put a particular strain on the station's internal components.

Once the mobile hydrogen refueling station has arrived safely at its destination, the on-site technician has to check that the station is watertight and that all its components are working properly, including the peripherals - an often tedious but imperative task.

ata'START, a programme designed and implemented by Atawey's teams, operates automatically and interacts with the technician to carry out specific actions. The technician is accompanied throughout the process by a screen that allows him to follow the progress step by step. They are guided in the

search for any faults or malfunctions. The programme independently tests the correct operation of all the station's components by means of an exhaustive check.



1. At the end of December 2022: 28 stations in service for a total of 58 stations (source: France Hydrogène, January 2023). Stations designed, manufactured and installed by Atawey under its own brand.

ata'START will be fully implemented on all Ataway compact and mobile hydrogen refueling stations. Included in the commissioning time for these stations (4 hours), this programme makes commissioning the fastest on the market. For evolutive stations, only the process linked to the self-test of "utility" functions will be installed.

Ata'CHECK: Daily self-testing to prevent risks and faults, for greater safety and to avoid station unavailability

The first advantage of this programme, for which a patent has been filed, is that it prevents hydrogen refueling stations from becoming unavailable, which can have a detrimental effect on the entire hydrogen ecosystem.

The new ata'CHECK programme enables automated daily self-testing of all the hydrogen circuits in a station, with one objective: to check for potential leaks (internal and external) and detect any deviations before they become too great and cause the station to become unavailable. ata'CHECK is automatically launched every day during off-peak hours (for example, at night, when the station is least busy), so as not to impact on the compression work.

If even a minor fault is detected, the programme refines its search by reducing the number of test sections to pinpoint the fault zone as precisely as possible. The operator is then automatically informed by email and SMS, so he can take the necessary steps.

ata'CHECK has already been implemented on the new Ataway hydrogen refueling stations (scalable, compact and mobile) installed since the end of 2022.

The logo for 'ata'check' features the word 'ata' in a bold, black, sans-serif font, followed by 'check' in a lighter, lowercase, sans-serif font. The letter 'e' in 'check' is stylized with a blue checkmark inside it.

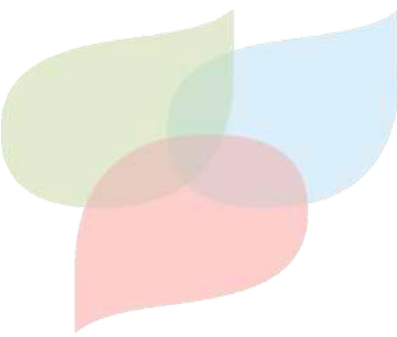
A breakthrough innovation that meets the expectations of a fast-growing market

This innovation responds to a real problem in the hydrogen ecosystem market: improving the safety of hydrogen refueling stations through preventive maintenance. This unique software makes it possible to carry out automatic daily self-tests of stations without waiting for compulsory maintenance to be carried out, thereby increasing their reliability and safety.

"The launch of this new software, which took our R&D teams six months to develop in-house, is a real step forward for the industry. This ground-breaking innovation, which is directly linked to our expertise and our industrial mastery of our equipment, will enable us to meet the expectations of the French and international markets, particularly in terms of the safety of our installations and the speed of implementation," explains Baptiste VERDIN, Compact and Mobile Product Manager at Ataway.

ABOUT ATAWAY

Founded in 2012 by Jean-Michel Amaré and Pierre-Jean Bonnefond, Ataway designs, manufactures and distributes hydrogen refueling stations; contributing to the deployment of low-carbon hydrogen in France and internationally. Since 2015, Ataway has developed a complete range of refueling stations (compact station, evolutive station, mobile station) with a capacity of up to 1.3 tonnes/day, to support the growing use of hydrogen in local areas

A decorative graphic in the bottom left corner consisting of several overlapping, semi-transparent shapes in shades of green, blue, and red, resembling stylized leaves or petals.

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and offer solutions tailored to each project, from pilot projects to the complete coverage of an area. The refueling stations are designed and manufactured in France, in the workshop at the company's site in Le Bourget-du-Lac (73), where Ataway works every day to reduce its environmental impact.

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