

PRESS RELEASE – January 2021

AW2S, among the winners of two projects as part of the French Recovery Plan

Le Bouscat, January 28, 2021. AW2S is among the winners of two projects in response to the call for projects "Sovereignty in telecommunications networks to accelerate 5G applications to vertical markets" by the Digital Infrastructures Strategic Sector Committee (CSF).

5G applications for vertical markets have been identified as one of the five critical areas of the industry recovery plan. A call for projects to support the development of innovative uses of 5G in France was launched in the autumn of 2020 by the "CSF Digital Infrastructures". AW2S is proud to be an active contributor for the selected and supporter projects by the government.

The 5G Vertical ISS project, leaded by ALSATIS, is dedicated to the development of 5G in hospital use cases and more. It consists in harmonizing and developing 5G connectivity in hospital buildings. An experimentation and demonstration platform will be deployed at Toulouse University Hospital. This project will notably enable the remote location of medical equipment, identify its availability and ensure continuity of communications. AW2S will be involved in the radio infrastructure part.

The CRIIoT (Critical IoT) project, leaded by SEQUANS Communications, is dedicated to the development of critical industrial connected objects. It consists in developing a solution allowing industrials to quickly evaluate and deploy 4G/5G solutions to connect their objects, optimize and secure their use. Conducted in collaboration with SAFRAN and the SNCF research laboratory, the project will enable, for example, the recovery of flight data from an aircraft engine, or the implementation of critical communication connected objects in the rail sector. AW2S will be involved in the radio infrastructure part.

These projects will allow AW2S to extend its range of infra 5G products (Remote RadioHeads, Massive MIMO Antennas, HW gnodeB,...) oriented for both vertical markets and operators while contributing to the government's recovery plan and thus to propose a sovereign alternative telecommunication solution.

ABOUT AW2S

Advanced Wireless Solutions and Services (AW2S), Subsidiary of SERMA Ingénierie, is a company specialized in the design and manufacturing of advanced and innovative Radio Products and solutions for wireless telecommunication macro base stations (RRU).

AW2S team is composed of experienced engineers: electrical/RF, Embedded software, digital signal processing, coming from the major companies of the cellular industry.

AW2S provides innovative products and solutions for wireless telecommunications systems performances enhancement for markets such as:

- Cellular
- PMR / Military
- Space
- Avionics

<http://www.aw2s.com/>

ABOUT SERMA GROUP

SERMA is an independent platform of expertise, consulting and testing for electronic technologies, embedded systems and information systems. It is particularly involved in the design, security and reliability of products and data.

Specialized in sectors with severe environmental, reliability and security constraints, SERMA is characterised by its culture of technical excellence and its network of experts. SERMA serves its customers throughout the product life cycle: from R&D and design phases to maintenance in operational conditions.

SERMA Group supports system designers and users in the mastering of their strategic challenges and is organised around the following 5 complementary businesses:

- Microelectronics
- Energy
- Electronics technologies
- Safety and cybersecurity of systems
- Embedded system engineering

1200 engineers and technicians are the strength of the Group operating in 12 industrial sites in France, Germany and Tunisia. It had a turnover of more than €140M in 2019.

The SERMA Group's business is supported by the following subsidiaries: SERMA Technologies, SERMA Ingénierie, AW2S, SERMA Safety and Security, SERMA Energy, SERMA Microelectronics, Thin Film Products, SERMA ID MOS, SERMA Productivity Engineering and SERMA International.

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