

## AW2S drives technological revolution with the launch of RFSOM module

Pessac, February 28, 2024 - AW2S, an innovative leader in connectivity products and solutions, announces the launch of its RFSOM module, a groundbreaking card integrating the AMD Zynq™ Ultrascale+™ RFSoc DFE device.



AW2S's RFSOM module is the cornerstone of the new generation of radio units named NEO. This platform, specifically designed for private networks, is currently being deployed, promising unparalleled performance and exceptional reliability.

The RFSOM is not confined to the NEO platform; it is currently being integrated into various new platforms, expanding its applications to strategic areas such as active antennas for public mobile operators, all-in-one 5G FR2 solutions for virtual reality, or applications like FRMCS (5G railway), for example.

The exceptional computing power of the RFSOM module's processor will enable AW2S to elevate its existing products to new performance heights, meeting the requirements of current technologies such as split 7.2x ORAN and emerging ones like 5G-A, 6G, and beyond.

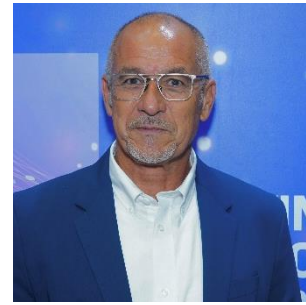
AW2S continues to innovate and redefine standards in the wireless communications industry, offering cutting-edge solutions that shape the future of private networks and communication technologies.

This module and these devices are currently showcased at AW2S's booth at the Mobile World Congress.



*"Our joint work with AMD, allowed us to integrate their RFSoc technology innovatively into our solutions. Using AMD adaptive computing solutions not only gives us the opportunity to streamline our costs and optimize our product solutions, but it also opens doors to markets that were previously inaccessible. We are proud and honored of our collaboration with AMD, a globally impactful company with whom we have developed a strong trust relationship over time,"*  
Romuald VETRO, COO, AW2S.

*“The AMD Zynq UltraScale+ RFSoc has changed the way 5G Radios are designed and integrated. With the capabilities of this device, the AW2S NEO platform is able to deliver performance, power and flexibility required by 5G markets like 5G Private and 5G advance,” Gilles Garcia, Senior Director and Business Lead, Wired & Wireless Group, AMD.*



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#### **ABOUT AW2S**

Advanced Wireless Solutions and Services (AW2S), a subsidiary of SERMA Ingénierie, is a company specialized in the development and manufacturing of radio equipment and solutions for wireless telecommunications infrastructures (4G/5G).

The AW2S team consists of experienced engineers in RF and fast digital electronics, embedded software, digital signal processing, and Mechanical/Thermal, from major players in the mobile cellular industry.

AW2S provides innovative products and solutions to enhance the performance of wireless telecommunication systems for markets such as: Mobile Cellular, Private Networks, PMR/Defense, Railway, Space.

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

#### **ABOUT SERMA GROUP**

SERMA is an independent platform for expertise, consulting, testing, and product services for electronic technologies and embedded systems. It operates in the design, securing, and reliability of products and data.

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

The SERMA Group supports system designers and users in mastering their strategic challenges and is organized around the following 6 complementary fields: Energy, Electronics Technologies, Safety and cybersecurity of systems, Embedded Systems Engineering, Microelectronics, Telecommunications.

The Group has 1400 employees and is present on nearly 30 sites in Europe, Tunisia, and the United States. It achieved a turnover of over €174M in 2023.

[www.serma.com](http://www.serma.com)

#### **SERMA GROUP – MEDIA RELATIONS**

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