

Space: LGM Group Obtains Process Certification for Manual Wiring of Electronic Boards

LGM has reached a major milestone by obtaining process certification for manual wiring of electronic boards for the space sector at its Marville site in the Meuse (France), issued by CNES and compliant with the European Space Agency's ECSS standards.

LGM announces that it has obtained accreditation for manual wiring process in electronic boards intended for the space sector. This certification, overseen by the Centre National d'Études Spatiales (CNES), represents a major recognition of LGM's expertise, technical excellence, and positioning in the space market—a field where quality and reliability requirements are absolute.

Certification to the Most Demanding European Standards

This certification is particularly significant as it complies with the European Cooperation for Space Standardization (ECSS) standards of the European Space Agency (ESA), and attests to the company's ability to perform manual wiring operations on electronic boards to the strictest standards in the space sector, where even the slightest failure can have critical consequences.

Manual wiring of electronic boards for space applications requires advanced technical expertise, perfect mastery of processes, and rigorous quality control. Electronic boards destined for space must withstand extreme conditions: vibrations, shocks, significant thermal variations, radiation, and the vacuum of space.



Frédéric ARNAUD, President of the LGM Group, and Alain MALLET, Deputy Director of Quality and Expertise within the Technical and Digital Directorate at CNES

CNES Plays a Central Role in the Approval Process

CNES, a major player in French and European space policy, oversees the certification process to ensure that approved companies meet the technical and quality requirements of the space sector. The certification process includes in-depth audits, skills assessments, and verification that production processes comply with European ECSS standards, through tests and expert assessments conducted on test structures.

CNES accreditation is a guarantee of confidence for customers in the space sector, whether they are space agencies, industrial prime contractors, or equipment manufacturers.

A Strategic Asset for LGM



For LGM, this certification represents far more than technical recognition: it opens new commercial opportunities in the European space market and strengthens the company's credibility with major players in the sector.

"Obtaining this CNES approval is a decisive step for the LGM Group's electronics production activities. It validates years of investment in upgrading our teams' skills and in continuous improvement of our processes.

Today, this certification enables us to position ourselves as a trusted partner for European space programs and to support our customers in their most demanding projects," says **Guillaume PETIT, Industrial Director of the Marville site.**

This certification aligns with the LGM Group's development strategy for its complex electronics activities, aimed at strengthening its expertise and presence in markets with high added value and high technical criticality.



Focus on the Marville factory:

A French industrial flagship whose origins go back to the creation of the MEUSONIC company in 1978.

Since 1985, the Marville site has been consolidating its microelectronics activity in a cleanroom environment, with niche skills and processes in the design and manufacture of radio frequency and microwave subassemblies and systems, as well as in power electronics.

In 2021, then known as ARELIS (resulting from successive mergers with the companies SERICAD and ASTEEL ANJOU—in 2010 and 2012 respectively), it strengthened its specialist positioning and technological leadership while

working to preserve the sector and the sovereignty of its processes, thanks to a strategic partnership with LGM.

Now a member of the LaFrenchFab network, in the midst of a dynamic investment phase to meet demand and market diversification, the Marville site has just passed the 100-employee mark and is looking toward a promising industrial future relying on the stability and confidence of the LGM Group.

Promising Prospects in a Growing Sector

The space sector is currently experiencing sustained growth, driven by the development of satellite constellations, the boom in New Space, and Europe's ambitions for strategic autonomy. In this context, demand for qualified subcontractors to manufacture space electronics is rising sharply.

Thanks to this certification, LGM is now positioned to respond to tenders from the main players in the European space sector and to participate in large-scale programs, whether for observation, telecommunications, navigation, or scientific exploration satellites.



Founded in 1991, LGM is a specialized engineering solutions group, meeting the efficiency and sovereignty requirements of large, complex projects and critical industrial assets.

An independent group, LGM is controlled exclusively by employee associates, which guarantees its clients and partners in the Aeronautics, Space, Rail, Defense, Energy, and Naval sectors complete impartiality in the recommendations made during its missions, as well as a sustained effort in innovation, with 8% of the group's annual revenue reinvested in R&D.

The LGM Group draws on the skills of over 1,600 engineers and technicians, nearly 40% of whom are identified and recognized as specialists and experts in their fields by clusters, professional groups, and scientific committees.

For further information: www.lgm.group/

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