

Telefónica Tech digitises the Reviver plant of GAM



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GAM has entrusted Telefónica Tech as a technology partner to carry out a comprehensive digitalisation project at its Reviver industrial machinery remanufacturing plant, located in Villacé (León, Spain). This agreement will contribute to generate a positive impact on the environment and will help to achieve Reviver's objective of extending the useful life cycle of the equipment.

Telefónica Tech, through its company Geprom, has carried out a technological consultancy to analyse GAM's needs and design a turnkey project that includes the implementation of warehouse management systems (WMS) and production management systems (MES) as well as communications solutions (WAN, LAN and WIFI), cybersecurity and systems with hybrid cloud architecture in the plant itself. The integration of the MES and WMS with GAM's ERP will allow the company to have full traceability of machines and industrial components entering its Reviver plant to be dismantled and refurbished for a second life.

The warehouse management system (WMS) will automate and synchronise in real time all warehouse operations (end-to-end traceability of industrial machines and components, stock management, incoming and outgoing goods, demand planning, etc.) and will be in continuous communication with the MES, facilitating the work of operators by enabling the planning, monitoring and control of factory production processes (parts produced, consumed or remanufactured, registration of unserviceable material, etc.). In this way, for example, when there is a lack of material, the MES will send the task to the WMS so that the logistics staff can locate and move the necessary materials.

The project will also include the development of the interface so that Reviver operators can work with the implemented WMS and MES systems. In addition, workers will be equipped with devices to guide them in the digitalisation of operations from any point and will have

access to productivity indicators and other relevant information (such as material consumption, the amount of material produced, a record of logistical movements after scanning the elements of the factory...).

Julio Caamaño, director of the Reviver plant, says:

The collaboration with Telefónica Tech allows us to take a decisive step in the optimisation of our industrial processes, not only improving operational efficiency, but also contributing significantly to sustainability. With full traceability of every component and machine, we ensure that each piece of equipment receives a second life, minimising waste and reinforcing our commitment to the circular economy and the environment

Dario Cesena, CEO of Geprom Part of Telefónica Tech, says: ‘The comprehensive digitisation project of the GAM plant is yet another example of how technology contributes to the circular economy, in this case giving industrial machines a second chance. The implementation of the production and warehouse management systems will allow GAM to gain in efficiency and competitiveness by having all the elements of the factory registered in real time and having complete traceability of the production process’.

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