

Press Release

Telefónica and Halotech drive smart industrial safety in the United States with IoT and AI



- The two companies are joining forces to offer advanced industrial safety solutions, combining Telefónica's IoT connectivity with Halotech's AI-powered sensors, to anticipate risk situations for workers in key sectors and areas such as energy, infrastructure, mining, oil and gas, and smart cities.

Madrid, 10 June 2026- Telefónica, through its digital business unit Telefónica Tech, and Halotech today announced a partnership to digitally transform worker safety and industrial operations in the United States. Both companies are evolving the traditional safety model, moving from reactive management to predictive management based on real-time data analysis using IoT and artificial intelligence.

The partnership between the two companies will enable Telefónica to offer more and better services to its customers with the US launch of a new comprehensive technological solution that combines its managed IoT connectivity, via its Kite platform, with the functionalities of 'Halotech AI'.

'Halotech AI' is a state-of-the-art SaaS platform designed to manage the occupational safety of field operators working in challenging environmental conditions within complex industrial settings, and which integrates natively with the smart devices HALO I (smart helmet for the mobility of the future), HALO III (the wearable adaptable to any operator) and HALO III+ (an advanced version for highly demanding environments such as mines or oil rigs).

Telefónica's IoT connectivity ensures that HALO devices are always connected and transmit information in real time, whilst its Kite platform facilitates the centralised

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management of these devices. Furthermore, Kite's IoT Data Ready functionality enables the transformation of generated data into valuable insights and facilitates the integration, processing and secure transmission of this data from IoT devices to 'Halotech AI'.

Thanks to this combination, the 'Halotech AI' artificial intelligence platform can offer advanced capabilities such as SOS alerts, automatic fall detection, real-time geolocation, environmental monitoring (temperature, gases, noise or heat stress), smart virtual perimeters, risk zone control, anti-collision systems and the tracking of operators in the field.

This comprehensive solution can be adapted to different regulatory and industrial environments across various sectors and key areas of activity in the United States, such as energy, construction, mining, refineries and smart cities. Its implementation enables organisations to centrally manage the connected smart devices worn by their operators and extract data easily and securely for analysis using Kite and IoT Data Ready.

The data extracted from smart devices and processed using the 'Halotech AI' platform facilitates real-time decision-making and predictive analysis, reducing workplace incidents by up to 60%. Furthermore, they help to increase operational efficiency and workforce productivity, and ensure compliance with EH&S (Environment, Health & Safety) regulations, enabling organisations to transform occupational health and safety into a smart, connected operation governed by data.

Luis Lepe Márquez, country manager for Telefónica Tech in the United States, explains: "The partnership with Halotech reinforces our commitment to building a safer society by doing what we do best – applying technology to the daily challenges faced by businesses – and represents a step forward in our aim to become the best gateway for citizens, businesses and public administrations to digital technologies. By integrating 'Halotech AI' into our portfolio in the United States, we are empowering our clients to transform workers' day-to-day activities into data in a seamless and straightforward manner, and to convert that data into actionable intelligence to improve safety and operational excellence within businesses."

Manuel Marín, Global CEO of Halotech, says: "We are witnessing a structural shift in the way companies approach safety. By combining Telefónica Tech's global connectivity capabilities with Halotech's AI, we are moving from reacting to incidents to anticipating and preventing them. Our mission is clear: to save lives, reduce risk and transform industrial operations on a large scale."

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