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Tetra Pak launches Tetra Pak Factory OS to make factories AI-ready

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Tetra Pak unveiled its next-generation Automation and Digitalisation (A&D) portfolio, Tetra PakÂ Factory OS, at Gulfood Manufacturing in Dubai. This new suite of modular, open and scalable smart factory technologiesÂ will transform food and beverage (F&B) production and lay the foundation for AI-ready factories.

A recent comparative studyÂ shows that highly automated beverage factories achieve 20 per cent higher overall equipment effectiveness, 45 per cent lower product waste and 20 per cent fewer packaging line stops compared to less automated facilities. Yet, many producers struggle to adopt automation due to limited digital expertise and difficulty in finding holistic end-to-end solution providers with industry expertise. Tetra PakÂ Factory OS bridges this gap by combining advanced technologies with deep food and beverage know-how to help producers tackle cost pressures, meet sustainability goals, and prepare for AI-driven manufacturing.

At the heart of the next-generation portfolio is a new data integration platform, powered by open technologies, powerful analytics and industry standards. It connects equipment and systems throughout the factory, transforming fragmented data into one unified, real-time view. This can empower food and beverage producers to deliver consistent product quality, enhance efficiency, reduce utility usage, and lower the total cost of ownership (TCO).

Sean Sims, Vice President, Automation & Solutions at Tetra Pak, comments: â??Today, food and beverage producers are under enormous pressure. They must deliver more with fewer resources â?? less water, less energy, less waste â?? all while maintaining quality and reducing costs.

â??Our next-generation portfolio transforms complexity into clarity. By combining contextualised data â?? the foundation of effective AI adoption â?? with high-performing equipment automation, Tetra Pak Factory OS gives food and beverage

producers the confidence to act decisively in an increasingly volatile market.â?