



## Te-Tech brings AI to the UK Water Industry

Te-Tech Process Solutions announces a strategic partnership with Spanish IT developer Createch360 to provide intelligent control solutions to key clients within the UK water industry. CREA® is an operational intelligence platform that allows management and optimisation of integral wastewater treatment processes using real-time data monitoring of key process parameters. CREA® provides intelligent decision support, multiple control strategies and automatic reporting on key data analytics and achieves quality consent limits with reduced operational costs and enhanced reliability.

The software incorporates classical mathematical models, fuzzy logic, pattern recognition, machine learning and artificial intelligence algorithms to analyse real-time data and provide control strategies and decision support dashboards. Key wastewater treatment applications such as; aerobic and anaerobic processes, nutrient removal, Anammox, sludge digestion and dewatering, can all be optimised from the platform.

Createch360's team has been delivering the most advanced intelligent process control solutions to the urban and industrial wastewater treatment sectors, with over 100 installations worldwide. Te-Tech are delighted with the partnership and to be able combine Createch360's state-of-the-art software and in-house system integration expertise with their own advanced technologies and products for the wastewater sector. Business Development Director, Mike Froom, said "The platform provides an insight into how the future of the wastewater sector will look, with the use of advanced intelligent control systems. These systems will make a huge difference in process performance and carbon reduction, and help us face up to the challenges of emerging contaminants in the future in our continued commitment to meet tightening nutrient removal consents."

Visit <https://www.te-tech.co.uk/> for more details or email [enquiries@te-tech.co.uk](mailto:enquiries@te-tech.co.uk)

**Photo Caption:** Insight into the future of wastewater treatment process control

### About Te-Tech Process Solutions

Te-Tech Process Solutions is a fast-growing company providing innovative products using advanced process technologies for water and wastewater treatment. Te-Tech's products are designed, manufactured and assembled off-site for rapid delivery, installation and commissioning. With in-house capability including process, mechanical and electrical design, digital engineering, operational optimisation and real-time control, Te-Tech has the flexibility to engineer bespoke systems to meet the exacting needs of clients in the municipal, industrial and commercial water and wastewater sectors. As part of the Trant Group, Te-Tech has all the financial and corporate support needed to sustain future growth.

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