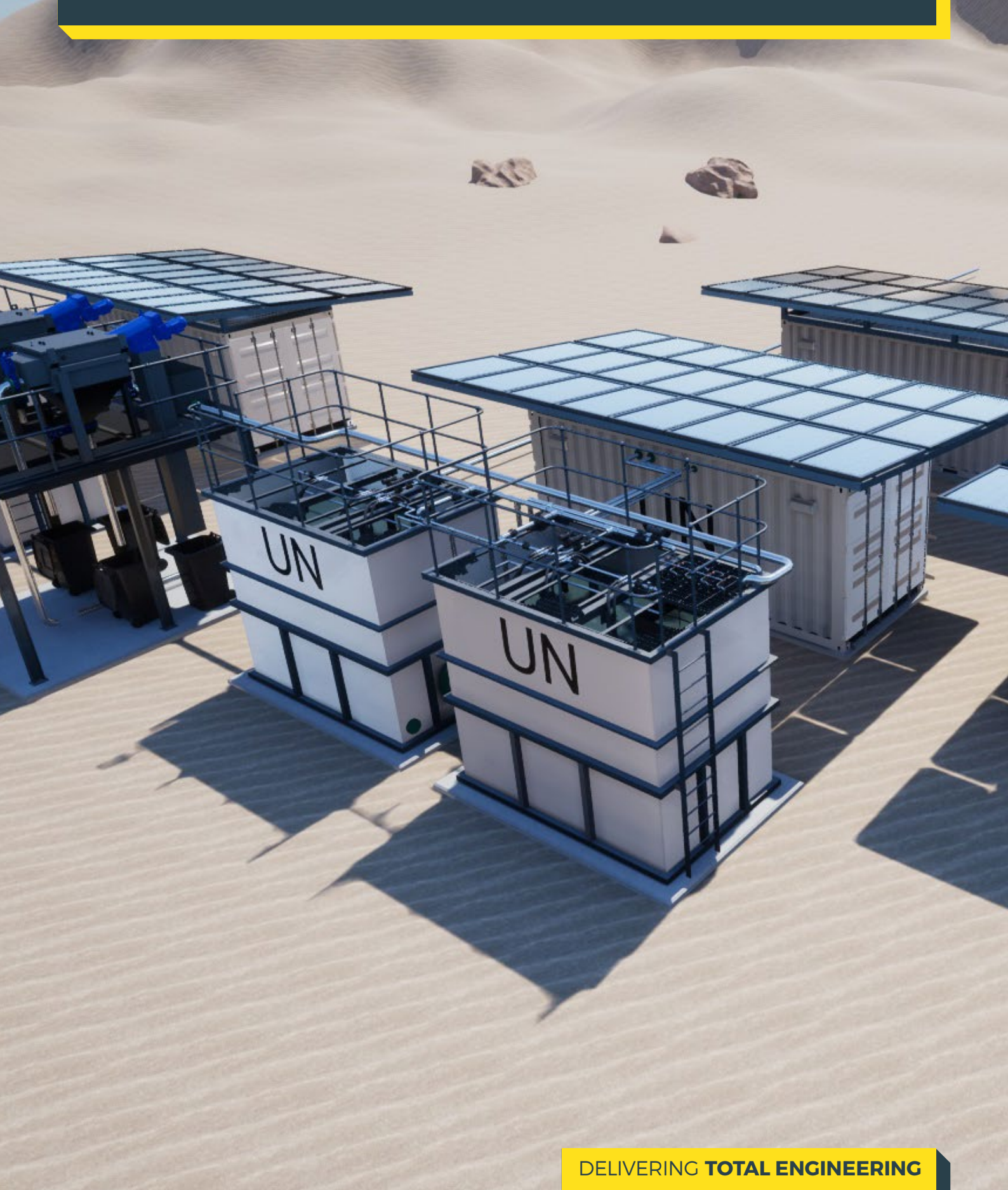




OFFSITE MANUFACTURE & ASSEMBLY



DELIVERING **TOTAL ENGINEERING**



OUR OFFSITE MANUFACTURE & ASSEMBLY SERVICES

Our Offsite Manufacture & Assembly team are a specialised service with a primary focus on identifying, designing and manufacturing innovative offsite solutions within a highly controlled workshop environment.

Trant has excellent experience in modular design, fabrication, transportation and installation in challenging environments. Our Offsite Manufacture & Assembly capabilities are utilised across all our sectors to minimise on-site works, resulting in increased project efficiencies.

We design, manufacture and assemble to a wide variety of different processes, such as CE Marking, EXC2 Structural Steel and BS and ASME welding procedures.

We develop and supply a range of innovative water and wastewater treatment solutions using advanced technology. Working closely with our technology partner SFC Umwelttechnik, we are able to utilise proven advanced technology for optimal solutions for our water and process industry clients in the UK and internationally.

Submerged Aerated Filter (T-SAF)



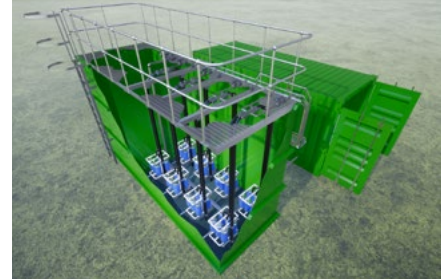
- Pre-assembled package plant
- Individual unit sizes up to 775PE
- Multiple unit arrangements to increase throughput
- Quick installation
- Easy removal of air manifolds
- Removable caged media
- Minimum maintenance
- BOD₅ of 30mg/l
- NH₃-N of 10mg/l

Airlift Sludge Removal Plant (SEWPAS)



- Self-contained unit
- Low TOTEX cost
- Suitable for primary and final settlement tanks
- Simple desludging interval adjustment
- Available as a 1, 2, 3 or 4 way unit
- Easily integrated into existing control system
- Minimal maintenance

Immersed Membrane Bioreactor (T-MBR)



- Primary, secondary and tertiary treatment
- Individual unit sizes up to 550PE
- Nitrogen removal
- Very low sludge production
- Fully automatic operation
- Phosphorus removal with ferric dosing
- BOD₅ of 5mg/l
- NH₃-N of 1mg/l
- TSS of 1mg/l

Containerised UV Disinfection (UV)



- 20ft ISO container with SR security ratings
- Quick easy installation
- 1m³/hr - 500m³/hr
- 100% duty UV chamber
- 100% standby UV chamber
- Uvt monitors and backboard
- Fully compliant with DWI reg 31 / WRAS approved
- WIMES compliant

Fuel Transfer System (FTS)



- Remote and temporary applications
- 20ft ISO container
- ATEX zone 1 pump room
- ATEX zone 2 laboratory
- Easily transported
- 100l/m - 2,400l/m
- Stainless steel 316L pipework
- Removable pump skid
- Duty/standby configuration

Fuel Storage & Refuel System (FSRS)



- Remote and temporary applications
- 10, 20 & 40ft ISO container
- ATEX rated equipment
- Self banded with 110% capacity
- Easily transported
- 60l/m - 1,500l/m
- Cylindrical stainless steel tank
- Compliant with JIG regs
- API/EI filtration



About Trant Engineering

Our mission is to be the first choice Engineering Procurement and Construction Company for our clients in the UK and overseas.

Our clients can benefit from an extensive range of in-house services including process, MEICA and civil design, Offsite Manufacture & Assembly, Instrumentation Control & Automation products and Commissioning services. This internal capability allows us offer innovation and efficiency to the whole life cycle of EPC projects across all our sectors.

Our fully Integrated Management Procedures with dedicated gateways and managerial swim lanes ensures the technical and commercial health of our projects. These robust procedures give us the ability to deliver complex work programmes in the most challenging and regulated work environments.

Clients can be assured of our commitment to complete their project to high specification, with zero incidents and minimal impact on their operations and neighbouring environment.

Services



Innovation Design & Solutions



Automation Control & Technology



Offsite Manufacture & Assembly

Sectors



Process & Water



Energy



Oil & Gas



International

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