MAINTENANCE, REPAIR & OVERHAUL (MRO)

Reliable end-to-end support for entire MRO cycle
We offer a wide range of precision engineering solutions and mechanical capabilities to support and service assets such as engine and transmission maintenance, repair, overhaul, diagnostics and testing, as well as engine remanufacturing.

Engine Remanufacturing
Using precise measurements, OEM specifications and machining processes, we have a full range of solutions at our remanufacturing facilities to ensure that every engine is remanufactured to ‘almost new’ condition for any work environment.

ENERGY

Extensive energy solutions, customisable to meet your needs
We provide a diverse range of energy solutions and services to data centres, offshore and marine, healthcare, industrial, education, construction and infrastructure sectors such as commercial buildings, seaports and airports. This includes power system solutions, as well as the design, engineering, assembly, testing and commissioning of Gensets and Hydraulic Power Units.
SENSORS INSTRUMENTATION, DATA ANALYTICS FOR PREDICTIVE MAINTENANCE

Data is constantly collected and analysed to ensure scheduling of timely maintenance. This minimises downtime and maximises equipment efficiency at the lowest possible maintenance cost.

Aimed at building rail reliability, efficiency and sustainability, our holistic rail solutions are able to address common pain points - tunnel cracks, bolt defects, signalling issues or passengers’ ride experience.

WHY US?

ST Engineering is a technology oriented engineering powerhouse with over 50 years of deep engineering expertise. Equipped with future ready solutions, we have a proven track record in improving safety and efficiency to reduce unscheduled downtime.

With a footprint of over 20,000 sqm of workshop facilities, equipped with state-of-the-art test and diagnostic equipment, we offer end-to-end component MRO and system integration services and solutions. Our E-card workshop is also ANSI ESD 30-30 certified, ready to repair E-cards within a fraction of the original turnaround time.

Analyses and diagnoses assets’ health status with our E-card services and extend asset lifetime
- Lights & Electronics
- Access Systems
- Door Control Units

Enhance ride comfort with performance study and monitoring of bogie, wheels, pneumatic systems and suspension

Improve reliability and performance consistency with advanced Augmented and Mixed Reality solutions for training and operational needs

Critical Assets Condition Monitoring and Platform Analytics for better reliability and sustainability of assets

TunnelFox Inspect tunnels and analyse their health status with our intelligent autonomous vehicle

Power your assets with stable and efficient energy

Easy assembly & deployment

Autonomous

First-of-its-kind

Precise

Modular & Multi-purpose

Smart

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Power your assets with stable and efficient energy