AGIL®

ENTERPRISE ASSET MANAGEMENT SYSTEM

ST Engineering

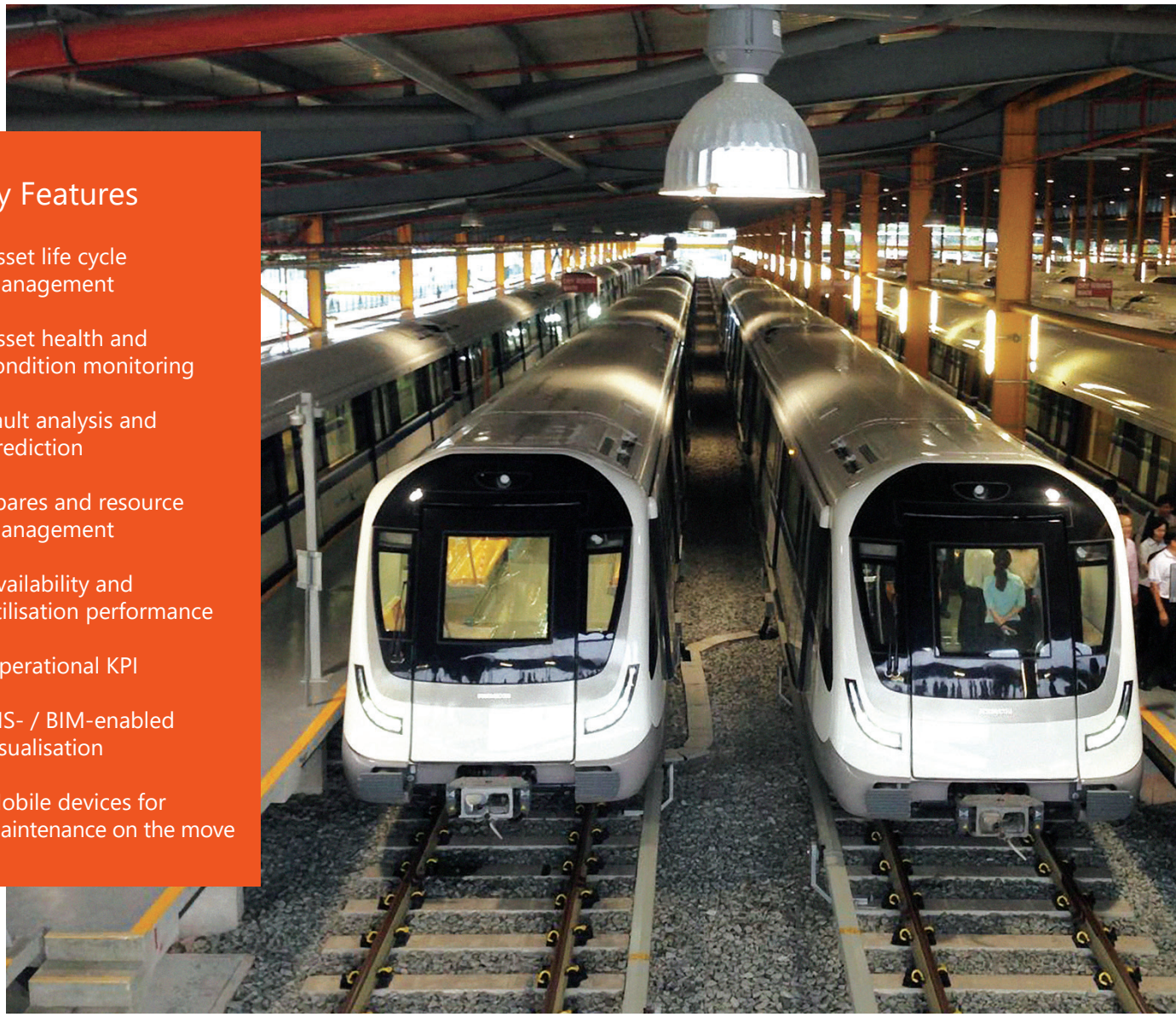
AGIL® Enterprise Asset Management System

How can metro operators leverage technology and data insights to ensure train systems, equipment and assets are optimally maintained to minimise and prevent costly and disruptive downtime?

Optimise Asset Maintenance, Reduce Downtime

AGIL Enterprise Asset Management System (EAMS) is an essential platform for the metro industry which manages large amount of assets, and where asset availability is critical for undisrupted operations. It offers total asset life cycle management, process automation, resource planning and tracking of metro assets.

By monitoring every train's health and performance, the EAMS provides early warnings of potential equipment faults, and automatically schedule maintenance to keep your metro system running efficiently and reliably, minimising downtime and ensuring commuters reach their destinations on time and safely.



Key Features

- Asset life cycle management
- Asset health and condition monitoring
- Fault analysis and prediction
- Spares and resource management
- Availability and utilisation performance
- Operational KPI
- GIS- / BIM-enabled visualisation
- Mobile devices for maintenance on the move

Fully Automated, Central Dashboard

EAMS offers a fully automated maintenance management system to replace traditional paperwork and heavy maintenance processes that involve tedious registration of assets, storing of transactions and recording of maintenance work. It stores and displays such information in a single, easy-to-find, and simple to understand central dashboard.

The EMAS also interfaces to the metro's Electrical and Mechanical systems such as rolling stock, signalling and power systems, and brings process automation to the next level where it automatically alerts stakeholders to take corrective and preventive maintenance actions.

Data-driven Predictive Maintenance

The EAMS harnessed data analytics on massive amount of collected data to provide useful insights for planning and maintenance. Hidden patterns, trends and correlations are derived to create predictive maintenance models that provide early warnings to take pre-emptive action before equipment failure.

The health condition of network assets is a critical information generated by the EAMS. The correlation of such information and other operational information provides stakeholders with a holistic overview of the various systems at the network level, enabling full visibility that is critical for optimised asset performance.

Key Benefits

- Centralised metro network asset tracking
- Cross line maintenance performance and operating KPI
- Centralised operation and maintenance knowledge management
- Increased maintenance efficiency with real-time status monitoring
- Decision support
- Planning and optimisation of maintenance resources

ST Engineering Urban Solutions Ltd.
www.stengg.com
URS-Marketing@stengg.com

SML-EAMS-1

www.stengg.com/smart-city