

AGIL® PAY

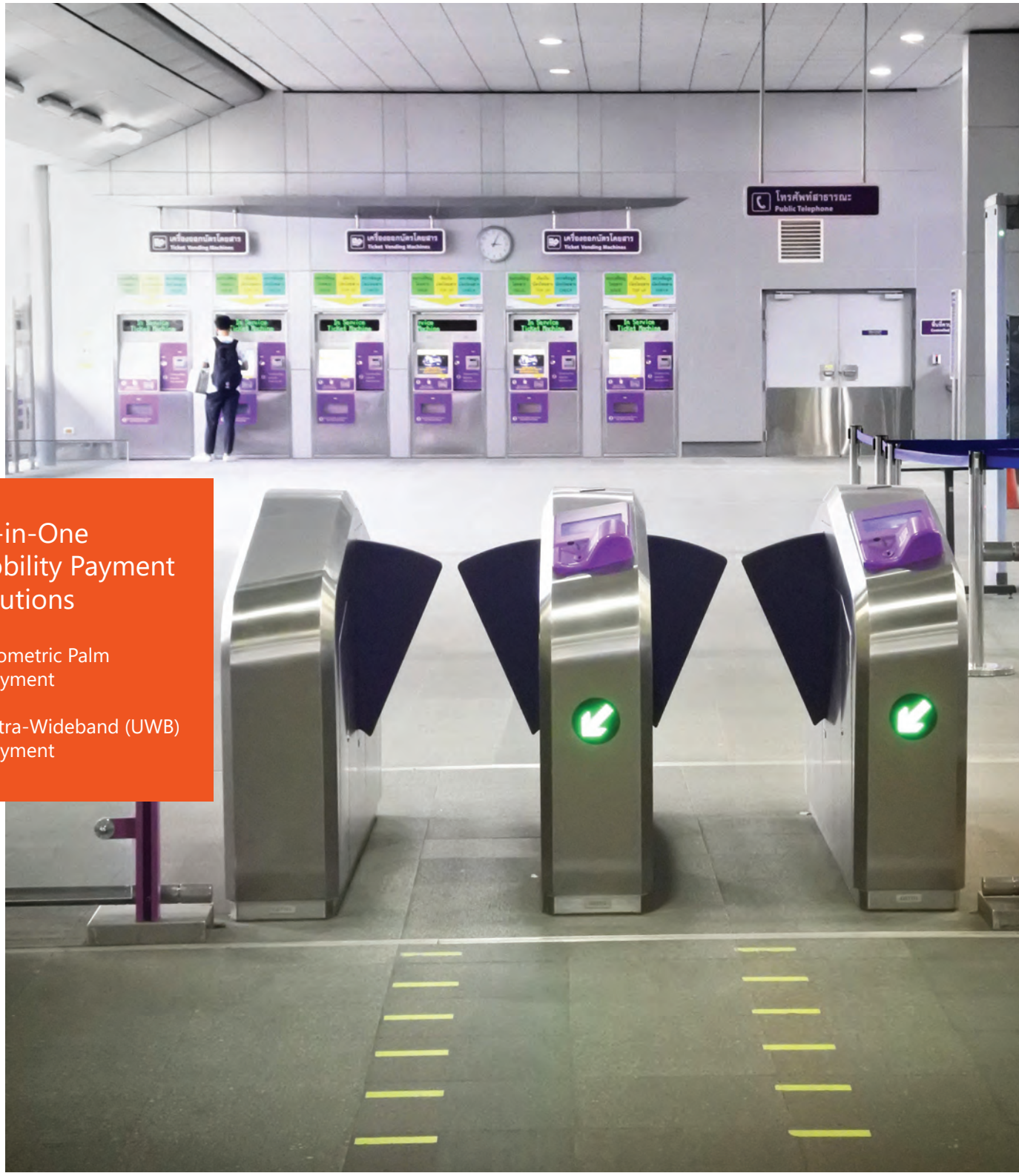
Connecting People, Mobility and Payments

ST Engineering

AGIL® Pay

Seamless, Safe and Efficient Transit Payment

AGIL® Pay is a suite of mobility payment solutions that integrates closed, open and hands-free payment in one revolutionary solution to cater for the diverse payment needs of passengers, while enabling them to conveniently transit between various transport modes and networks.



All-in-One Mobility Payment Solutions

- Biometric Palm Payment
- Ultra-Wideband (UWB) Payment

Hands-free Payment

Leveraging advanced biometric recognition and wireless communication technologies, AGIL® Pay enables a truly hands-free fare payment experience. Commuters can move through fare gates without presenting a card, mobile device or ticket, improving convenience, reducing dwell time and enhancing passenger flow.



Biometric Palm Payment

AGIL® Pay extends its Account Based Ticketing ecosystem with palm biometric payment, complementing existing smartcard, EMV bank card and mobile wallet payment options.

Using dual-modal palm print and palm vein recognition technology, commuters can be identified securely for fare verification and payment in less than a second. The contactless solution offers a fast, hygienic and convenient transit experience while maintaining high levels of accuracy and security.

Ultra-Wideband (UWB) Payment

Using Ultra-Wideband (UWB) technology, commuters can enjoy seamless fare payment with their UWB-enabled smartphones remaining in their pockets or bags. As passengers approach the fare gate, the system automatically detects, validates and deducts the appropriate fare. This reduces transaction friction, increases passenger throughput and enhances operational efficiency.



Interactive Traveller Terminal

Integrated Services, Hands-free

The Interactive Traveller Terminal (ITT) combines the functions of the Passenger Service Office, Topup Terminal and Ticket Vending Machine into a sleek looking terminal to enhance ticketing experience. Commuters can easily set up Personal Travel Accounts through the ITT to facilitate account-based payment. It also offers safer contactless account setup using facial recognition.

Remote Helpdesk for Multiple Terminals

Equipped with an optional full high definition two-way video conferencing feature, the ITT serves as a live helpdesk which allows commuters to communicate with a Customer Service Officer (CSO). A single CSO can remotely manage passenger enquiries from multiple terminals, optimising resource deployment. The CSO is able to view and remotely control the ITT, simulating close proximity to the commuters.

Modular, Customisable

With the ITT's modular design panel, different components such as a banknote acceptor, barcode scanner, credit card terminal, card reader and receipt printer, are interchangeable, customisable and easily maintained. The ITT also provides a platform for revenue generation through advertisements, including an optional feature to profile commuters through facial recognition for targeted advertising.



Add-on Modules

- INTEL I5/I7 CPU Electronic Control Unit
- Contactless Card Reader
  (EMV, TYPE A,B,C and NFC)
- Remote Video Support
- Ticket Dispenser
- Receipt Printer
- Barcode Scanner
- Bank Note Acceptor / Recycler
- Coin Module
- Credit Card Terminal with Pin Pad
- Webcam
- Handset

Key Specifications

- Sleek Free Standing
- Self Service Kiosk
- High Resolution Large 42" Infrared Multi-Touch
- LCD Screen
- Wheelchair-friendly
- Ergonomic Design
- Tempered Glass Front and Secured Rear Access
- User-friendly Interface
- Advertising Platform
- Fully Customisable Options and Features

Typical Dimensions

Height : 2,000mm
Width : 657mm
Depth : 500mm - 725mm with base

AI Multimodal Analytics Backoffice

One Platform for Smarter Mobility Operations

Built on the AGIL® Pay Account Based Ticketing ecosystem, the AI Multimodal Analytics Backoffice consolidates operational and transaction data across multiple transport modes, including rail, bus, ferry, parking and EV charging.

By combining real-time and historical data into a single platform, it provides actionable insights to support informed decision-making and efficient network operations.



Benefits

For Operators

- Unified view of network performance across transport modes
- Faster incident detection and response
- Improved maintenance planning and operational efficiency
- Enhanced revenue and asset performance monitoring

For Regulators and Authorities

- Real-time visibility of transport system performance
- Independent monitoring of operator service levels and compliance
- Consolidated reporting from multiple transport networks

For Asset Managers

- Predictive maintenance insights to reduce unplanned downtime
- Improved asset utilisation and lifecycle management
- Data-driven planning for long-term infrastructure performance

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

© ST Engineering Urban Solutions Ltd. All rights reserved.

SML-Pay-1

www.stengg.com/smart-city