



Features & Benefits



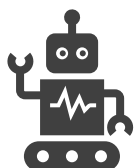
There is real-time wireless communication between the 'NG meter' and the PEMS Cloud, sensors, and other integrated software such as payment solution applications, infringement issuance and automated licence plate recognition programs. The NG parking machine system utilises a 4G modem data transfers.

PEMS is the leading city parking management platform. It manages real time integration of all parking meter data (payments, events, alarms, maintenance jobs), enforcement software, guidance applications, in ground sensors, ANPR, environmental sensors. This supports efficient and effective management of parking payments, guidance and enforcement.



Managers can change rates and configurations across multiple parking meters using the PEMS web-based user interface. All programming is able to be deployed using the 4G network.

PEMS provides a powerful reporting and business intelligence capability for managing all elements of your parking site. Reporting is both real time and historical.



The 'NG meter' is a future proofed asset. Using stainless steel construction and modular components, it is an asset which will live in your streets and carparks for at least 10 years and benefit from low-cost, modular, technology upgrades if and when required.

Useable



The 'NG meter' provides an easy to use touch screen interface ensuring that motorist interactions are fast and 'painless'. The screen files/messages are configurable and thus customisable for your site requirements.

Reliable



STI understands that if a machine is out of service, it isn't collecting revenue and is causing inconvenience to motorists. We utilise highly optimised software and extensively proven electronic components from best practice global suppliers. STI parking meters consistently exceed uptimes of 99.5%.

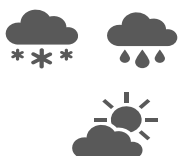
Secure



STI Solutions is committed to ensuring that our machines are highly secure. This commitment has led us to incorporate numerous security features into the funds acceptance and storage functionality of the 'NG meter'.



The 'NG meter' audit system allows cities to accurately reconcile revenue collected via PEMS which records the revenue processed by the machine and by the payment processing service into your bank account.



The NG meter is IP65 rated and will operate in a climates including rain, sleet, humidity and heat with temperatures ranging from -25°C to $+55^{\circ}\text{C}$ and 97% humidity. All electronic components are conformally coated as a further element of protection. Additionally, the machines are subject to a range of environmental tests, including temperature cycle testing during the Quality Assurance production process.

Managed Solution

PEMS is a fully hosted and managed 'internet of things' (IOT) platform that uses an open platform architecture. PEMS provides a flexible and scalable capability, to achieve your objectives, now and into the future.

Offered as a hosted application service there is centralised management of all backend software, configuration, and reporting. This model offers a simpler upgrade process, and a lower total cost of ownership due to outsourced hardware, software, maintenance, management, security and disaster recovery capability. This cost-efficient, reliable and high quality service removes any need for the client's internal IT department to provide infrastructure or support services – generating further return on investment.

STI Solutions maintains Tier 1 Payment Card Industry Data Security Standard (PCI-DSS) certification across PEMS and all of its enterprise management system architecture – the highest level of data security processes and protocols available. STI Solutions uses an ISO 27001 Tier 4 processing centre in Pitt Street, Sydney.