BRING US YOUR TOUGHEST PROBLEMS

For over 50 years, ST Engineering has been helping cities address their urbanisation challenges. Our solutions make cities safer, more connected and more liveable. We embrace technology and place it at the heart of everything we do. Which is why we created CitySense, a suite of innovative solutions that solve real-world problems.

To date, CitySense has been deployed in more than 500 projects in 70 cities around the world. Our experience is proven and our message is clear; bring us your toughest problems. With CitySense, we’ll help you realise your smart city vision and ensure you’re ready for future challenges.
A global technology, defence and engineering group, ST Engineering employs over 22,000 people in more than 20 countries across Asia, the Americas, Europe, Africa and the Middle East.

The innovative solutions we deliver in mobility, environmental sustainability, public safety and security change lives around the world. The experience and understanding we’ve gained equips us with vital knowledge that will enable us to continue developing smart cities well into the future.

500 SMART CITY PROJECTS IN MORE THAN 70 CITIES WORLDWIDE AND COUNTING

MOBILITY | Singapore
Automated Guided Vehicles for Seaports

MOBILITY | Beijing, China
Unified Traffic Control Centre

MOBILITY | Yunnan, China
Unified Smart Highways Management Platform

ENVIRONMENT | Hong Kong
Smart Street Lamp Post

ENVIRONMENT | Singapore
Jurong Island Desalination Plant

MOBILITY | Bangkok, Thailand
Integrated Communications and Control Systems

SECURITY | Brazil and Paraguay
Area Surveillance and Tracking System

SECURITY | Kuwait
Perimeter Intrusion Detection System

SECURITY | Colombo, Sri Lanka
Cybersecurity Solutions

MOBILITY | United States
Autonomous Mobile Robots for Hospitals

ENVIRONMENT | Montreal, Canada
Smart Street Light Management System

MOBILITY | United States
Unified Smart Highway Management Platform

ENVIRONMENT | Singapore
Jurong Island Desalination Plant

SECURITY | Regional Coastal and Waters
Maritime Anti-Piracy System

The experience and understanding we’ve gained equips us with vital knowledge that will enable us to continue developing smart cities well into the future.
As your city becomes more complex, it becomes more vulnerable to online and offline threats. CitySense solutions will help you protect borders, critical infrastructure, key assets, and citizens.

- **Cybersecurity** – Security operation centres, trusted enterprise solutions, encryption solutions and products, training and professional services.
- **Public safety and security** – Emergency response systems, perimeter intrusion detection systems, training, simulations and integrated security management systems for airspace, water and critical infrastructure.
- **Drone network solutions** – Autonomous, interconnected drones controlled from a centralised hub for real time video analytics and data sharing.

SMART MOBILITY

By integrating, digitalising and automating your mobility infrastructure, CitySense can transform mobility, increase operational efficiency and enhance the commuter experience in your city.

- **Rail electronics solutions** – Platform screen doors, smart metro traffic control centres, operations centres, passenger information systems, automatic fare collection solutions and enterprise asset management systems.
- **Traffic management** – Smart car parks, fleet management, autonomous buses, integrated traffic management platforms, congestion management, traffic surveillance and enforcement.
- **Autonomous solutions** – Intelligent self-driving vehicles for mass transportation, autonomous mobile robots and other indoor and outdoor robotic applications.

SMART SECURITY

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SMART ENVIRONMENT

CitySense leverages big data and digital intelligence to solve public and environmental problems so you can create safer, more liveable environments and ensure your city’s sustainability for generations to come.

- **IoT solutions for municipal services** – Smart infrastructure and applications such as smart street lights, utilities, lift monitoring, bins and environment monitoring to optimise operations through seamless data exchange and analytics.
- **Smart water and waste management** – Water and wastewater treatment, water recycling and solid waste management.
AIRPORTS
CitySense airport solutions leverage the knowledge we’ve gained developing the world’s most awarded airport, to improve passenger experience and transform operational efficiency. As passenger numbers, security demands and service expectations increase, our solutions enable airports to reinvent themselves for the future.

SMART PORTS
CitySense smart ports solutions enable digital transformation in the maritime industry. Our state-of-the-art solutions are proven effective in the real-world. They help cities meet evolving maritime threats and embrace the impact of disruptive digital technologies with confidence.

MARKET-SPECIFIC SOLUTIONS DRIVEN BY PRACTICAL INNOVATION
Our proven track record in city transformation will help you deliver innovative, practical solutions that work for your city today and in the future. Our solutions cover five broad areas.

SMART LOGISTICS
CitySense smart logistics solutions apply AI-powered insights to autonomous vehicles and robotics. They are integrated into manufacturing and warehousing environments and can be used to increase productivity, improve efficiency and optimise manpower to ensure more cost effective delivery of logistic services.

SMART TRANSPORT
CitySense smart transport solutions are enabled by artificial intelligence, autonomous vehicle technology, data and video analytics. They help future-focused cities improve the commuter experience by managing congestion, enhancing safety and increasing reliability.

HEALTHCARE
CitySense healthcare solutions include robotics, command and control centres, devices and diagnostics, lifestyle and personal products as well as mass casualty and emergency solutions. Deployed together or standalone, they improve patients’ hospital experiences and have commercial applications beyond the health sector.
How will you deliver efficient, affordable public transport and ease traffic congestion?
How will you secure your digital infrastructure and protect businesses and communities?
How will you create a city that is environmentally friendly and sustainable?
With CitySense.
Powered by deep capabilities in artificial intelligence and robotics, predictive analytics, digital connectivity and IoT, CitySense helps your city get ready for a smarter, more liveable and sustainable future.

Like to know more? Please contact us at: mktg@stegg.com or visit https://www.stegg.com/en/citysense