



C O R P O R A T E P R O F I L E

I N N O V A T E | E N G I N E E R | D E L I V E R



HOPE Technik is a Singapore-proud engineering company that has been evolving the industry landscape with its technological innovations since 2006.

Its unique operational structure enables the company to translate technology into robust products while maintaining its spirit of deep diving into its clients' unique problem statements.

Together with a strong team of dedicated engineers and technical personnel, HOPE Technik is committed to deliver innovative products and solutions, translating concepts into reality.



BRAND STORY

Innovation lies in the core of HOPE Technik's business and is a crucial aspect in everything we do.

With expertise in mechanical, electrical, electronics and software engineering and supported by an in-house suite of manufacturing as well as industrial design capabilities, HOPE Technik has delivered a myriad of world-class products and bespoke solutions to a global clientele. To ensure our solutions remain of quality, the company also invests significant efforts into research and development while keeping abreast with the latest technological advances.

Our project development works include product conceptualisation, prototype development, proof of concept, small-scale production and our industry insights have helped our numerous discerning clients answer issues of varying complexity and requirements.



CONCEPTUAL AND INDUSTRIAL DESIGN



PROTOTYPE DEVELOPMENT



SOFTWARE DEVELOPMENT



PRODUCT ASSEMBLY



MANUFACTURING



IN-HOUSE MACHINING WORKS



On top of our core business of providing customised engineering solutions, **HOPE Technik** has also established growth engines to deliver the best results to our valued clients.

This has resulted in the establishment of **TRIGEN Automotive**, developing special application vehicles, and forming a strategic alliance with **SESTO Robotics**.





SESTO™

The application of robotics is on an incline path, with new technology and the advent of Industry 4.0 propelling corporations worldwide to reassess work processes in an effort to stay ahead of competition in a highly connected world economy.

In a competitive environment, SESTO Robotics has stood out as a leading solutions provider of Autonomous Mobile Robot (AMR) technology with real-world applications that have been successfully deployed globally. SESTO Robotics' AMRs and Automated Guided Vehicles (AGVs) are fully developed in-house and powered by our proprietary operating system that is characterised by cutting edge intelligence and tasking capabilities.

Our class-leading and innovative products are proven to integrate seamlessly into various backend systems as well as physical infrastructures, and have helped manufacturers worldwide deliver mission critical results through high uptime, scalability and ease of operation.

With SESTO AMRs and AGVs, we enable companies to derive the benefits of Industry 4.0 by achieving efficiency through automation, as well as flexibility and agility in manufacturing that are supported by data-driven decision making.

SINGLE BASE, LIMITLESS OPTIONS

OUR SOLUTIONS ARE AS FLEXIBLE AS THEY ARE VERSATILE

With a proven track record of 24/7 large global fleet deployment, the SESTO solution suite is scalable, suitable for a dynamic environment, ready to work with existing manufacturing execution systems and warehouse management systems, facilitating your journey towards a lights-out factory.



Smart autonomous navigation technology

Easy to deploy and adaptable to change



Intelligent fleet management

Optimises throughput



Hot swap battery management

Achieves high uptime



Deployment friendly capability

Easy for partners to integrate third party applications



SESTO ELEMENT

Redesign the way you work



SESTO PRIME

Your next step towards lights-out manufacturing



For the team at TRIGEN Automotive, vehicles are regarded beyond their primary function as a mode of transport. Be it a light motorcycle or heavy duty truck, vehicles are multi-functional mobile platforms that are fully capable of being transformed to perform a plethora of tasks, no matter how demanding these tasks may be.

With this ethos, TRIGEN Automotive was first established under its parent company, HOPE Technik, as a team of vehicle specialists focused on designing and engineering bespoke vehicle projects. Today, TRIGEN Automotive has evolved to become a leading manufacturer of special function vehicles that are driven by innovation and performance.

Its wide repertoire of vehicles, ranging from firefighting emergency trucks to utility vehicles, are designed and engineered with advanced technologies to achieve maximum operational effectiveness.

From cabin modifications to full ground-up vehicle solutions, the team is fully equipped to deliver the next custom-vehicle project. At the heart of every TRIGEN Automotive vehicle lies the passion of a team committed to delivering quality automotive products and solutions. As TRIGEN Automotive powers ahead, the team continues to steer the future with reliable solutions and innovative products.



CARBON FIBER MONOCOQUE CHASSIS



FIRE MEDICAL VEHICLE



CERT BUGGY



HOOKLIFT FOAM TENDER



TUMBLER CC



TUMBLER ELEMENT

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