

Stratech Systems

- Competitive Advantage Through Technology

Stratech Systems ("Stratech") is an emerging world-class Advanced Technology and e-Systems developer. Stratech delivers large-scale real-time mission critical systems for Governments and Businesses in the Homeland Security / Defense, Transportation and e-Business / e-Government markets. Stratech brings together world-class expertise, software, intellectual assets and unique technology capabilities in the areas of *intelligent Vision* (IV), *intelligent Transport Systems* (ITS) and e-Systems to enable her customers to meet existing and future operational challenges, gain significant strategic advantage and seize new business opportunities. Stratech focuses on providing products and solutions to real-world challenges where traditional IT technologies are inadequate. Stratech's "Connected Reality" solutions exploit state-of-the-art Info-Comm Technologies that connect the Net and the real-world more effectively and transparently, thereby enabling customers to leverage on the power of the Net to solve difficult real-world challenges.

Formed in 1989, Stratech has established an impressive track record serving customers in industries such as Government, Homeland Security, Defense, Transportation (land, air and sea), Aerospace, Healthcare and Financial Services. Stratech is recognised as a leader in innovation and technology, is extremely entrepreneurial, developing and implementing advanced technology solutions that achieve significant business transformation and competitive advantage for its customers.

Listed on the Mainboard of the Singapore Exchange, Stratech is headquartered in Singapore and targets markets in Asia, the Middle East, Australia, Europe, North and South America.



For more information on how *intelligent Vision* (IV) can solve your problem, please refer to our web site at <http://www.StratechSystems.com> or email us at Stratech@StratechSystems.com

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intelligent Vision

Building intelligence Behind Networked Vision

Competitive Advantage through Technology



Building intelligence

Behind Networked Vision

intelligent Vision is a form of artificial intelligence that enables the machine world to "see", providing the means for critical decision-support. It is this ability to view every situation in real-time that connects the decision-maker with reality, thus allowing for necessary actions to be taken in a timely manner. With *intelligent Vision*, one can automate a process reliably without the element of human error and provide an edge in decision-support and mission-critical decision-making. With such advantages, it is no surprise that *intelligent Vision* is unrivaled in its technology to provide solutions to many industries.

Through years of development, Stratech prides itself in contributing significantly to the field of *intelligent Vision* in the techniques of digital filtering, motion analysis, image registration, segmentation and model matching building, resulting in cutting-edge homeland security, aerospace, defence, port, surveillance and numerous other applications.

What Stratech can do for you

Global terrorism is a very real threat today and the security situation is not expected to change anytime in the near future. While one can afford minor mistakes in the many facets of life and still be successful, no one can afford inconsistencies in the area of homeland security. In fact, most security failures begin with a just a small, insignificant error. For example, a vigilant security officer in the central command system overlooking 50 cameras for a long period of time may miss a small split-second moment when the enemy sneaks into a highly secured compound, resulting in an unnecessary and easily preventable catastrophe. It is in such cases where the true value of *intelligent Vision* is revealed.

The advancement of *intelligent Vision* technology has solved many age-old problems in a more cost-efficient manner. In today's world where resources are limited, it is important to have a cost-effective solution. With *intelligent Vision*, the ability to repeat sequences of events on a consistent basis makes this technology an ideal solution to homeland security purposes such as surveillance and tracking. The decision to use the *intelligent Vision* solution is also made easier by the fact that it has a higher benefit to cost ratio than equivalent products. With such benefits, it is no surprise that *intelligent Vision* can be found in many industries and has applications in medical, military, transportation, surveillance, recognition and various imaging fields.

At Stratech, we use *intelligent Vision* to solve tomorrow's homeland security and defence challenges today. Our unique approach of enhancing image processing and integrating reality with intelligence and ultimately prediction has led to our market leadership in the Computer Vision industry. Add our domain expertise with our ability to build large networked-solutions and one can easily conclude that no problem is too difficult to solve. This methodology, which we call knowledge-based vision, is the key building block of our creation of intelligence behind networked vision.



Our experience has taught us that the building of intelligence behind technology is the ultimate solution to a wide variety of global headaches from global airline security to total defence and even border crossing. Unfazed by any technology obstacles, we take the time to study your problem carefully before recommending a bespoke practical and state-of-the-art yet cost effective solution. This can be seen in our building of many global firsts in the Computer Vision Industry. For example, Stratech revolutionised weapons scoring with our patented Super BullsEye™ product that can score on both land and water! With Vessel Imaging Processing System (VIPSTM), we resolved the difficulty of surveillance in the Maritime industry by building an intelligent camera-based vessel identification and tracking system which has the ability to identify the vessel's shape, length, height, tonnage, class as well as its position and velocity. VIPSTM is unique in its ability to function on a waterside environment, ignoring irrelevant noise such as disruptive seagulls. This success of VIPSTM has led to the birth of our revolutionary tracking product SuperTrack™. With SuperTrack™, the world now has a solution to track and monitor suspicious human behaviour.



A new industry milestone was hit when Stratech built the *intelligent Vehicle Access Control System* (iVACSTM). With iVACSTM, security officers are empowered with the ability to be alerted of abnormalities such as potential bomb packages in the undercarriage of a vehicle. Built with the option of biometrics detection, the patent pending iVACSTM is an industry leader which has secured favourable reviews from key defense officials. This, once again summarises the spirit of our technology company, always pursuing to overcome every obstacle that stands in our path to bring existing technologies to a higher level.

Stratech's value does not end at just building a product. In fact, we have taken the next leap into the deep technology realm by delivering real-time connected systems for our valued customers. Gone are the days where numerous operators are required to monitor a wide number of stand-alone systems that do not communicate with one another. At Stratech, we build efficient end-to-end solutions by networking your existing systems with our products to ensure a constant flow of real-time information for decision-makers to make real-time

decisions. In an era where every second counts, one cannot afford any delay in communication which could lead to major disaster. Hence, all of our *intelligent Vision* products are built to run in mission-critical and time-sensitive operations.

The science of using *intelligent Vision* to solve numerous everyday problems is already a reality; add our intelligence with our networking capabilities and the potential is limitless. In a time of global instability, one cannot afford to take a risk on just any untested product or technology company. At Stratech, we pride ourselves in being innovative and being in the forefront of the technology field. Let us be the first to provide you with an *intelligent Vision* solution today.

Our Track Record

Key innovative solutions of Stratech Systems includes the:

- o *intelligent Vehicle Access Control System* (iVACSTM) -- for total vehicle surveillance and access control. iVACSTM is the next generation undercarriage scanning system with vehicle recognition, driver identification and the ability to detect foreign objects.
- o Super BullsEye™ -- a fully automated weapons scoring system capable of detecting and scoring all known weapons and ammunition on land and on water, day and night, for air, land and sea operations.
- o SuperTrack™ -- an intelligent Video surveillance system.
- o Vessel Image Processing System (VIPSTM) -- The next generation Vessel Traffic Management, Coastal / Waterway / Port Surveillance, Ship Collision Avoidance, Hydro-Electric Dam Security / Surveillance.