



How can we navigate
tomorrow's **security**
threats?

FUTURE READY
singapore

In the global spotlight

Millions of people transit in and out of airports and other border checkpoints around the world daily. With the rise of global security threats, the speed of passenger flow across checkpoints has been affected due to more stringent checks. Can we find a foolproof solution that will better enhance the immigration process and increase the level of border security at the same time?



Tackling the issue

Security solutions today need to be multi-faceted. Not only should they serve to ensure the well-being of people and property, they also need to enhance the way we live. Governments and airports around the world are trying to find a more reliable, secure and effective way to authenticate a person's identity. One that doesn't compromise security nor hamper the speed of airport operations. Singapore's Immigration & Checkpoints Authority (ICA) addressed this challenge by developing the Enhanced Immigration Automated Clearance System (eIACS) together with NEC.

What makes the solution innovative

All travellers have to do is scan their passports and fingerprints at the gantry readers. Once verified with the national database, he or she will be cleared for immigration. Fully automated and easy to use, the eIACS system eliminates the need to queue at the immigration counter, thus speeding up the process. Most importantly, its 99.999% accuracy in authenticating one's identity through the uniqueness of fingerprints helps tighten security measures greatly.



Singapore's role in developing the solution

As one of the world's busiest border crossings, the Singapore-Malaysia Causeway sees more than 200,000 travellers transiting in and out. Singapore's reputation as a forward-looking nation makes it the ideal location to implement the eIACS technology. Also, a further collaboration with NEC resulted in Singapore becoming one of the first countries in the world to issue biometric passports. Compliant to international travel security standards, the biometric passport facilitates the ease of overseas travel for Singaporeans.

Exploring new frontiers

Today, the Singapore biometric passport enjoys global prestige as a highly secure travel document. Set to become the global standard for immigration systems, biometric identification technology will act as a key deterrent to fraudulent activities and threats. In the pipeline are plans to incorporate iris and facial technology that will further enhance the security features of the passport. Also, the benefit of reduced processing time will help security staff become extra vigilant to detect any terrorist threats.



Background on solution provider

NEC is the leader in today's biometrics solutions market. With 30 years of experience in biometric technology, NEC prides itself in empowering customers with multifaceted security solutions that achieve utmost reliability and enhanced operations efficiency. In 2006, NEC won the National Infocomms Awards for Most Innovative Use of Infocomm Technology as well as the TEC Public Service Innovation Gold Award for the eIACS technology.



**Today's
business partner_
For tomorrow's
world_**

What is *Singapore: Future Ready*?

Singapore: Future Ready articulates Singapore's aspiration to be an ingenious partner for global businesses as they develop their ideas for tomorrow's solutions. We do so by recognising the value of long-term relationships, adopting a forward-looking approach, and taking on challenges with a can-do spirit. Against the backdrop of an ever-changing economic landscape, it also underlines Singapore's unique ability to help companies deliver solutions more quickly, with the right combination of talent, innovation, and strategic leadership.

To witness Singapore's future-ready partnership in action, visit www.singaporebusiness.com now.