

Fact Sheet

STANDARD FOR VIDEO ANALYTICS SYSTEMS TO HELP SECURITY INDUSTRY USE DIGITAL TECHNOLOGIES EFFECTIVELY AND RELIABLY

1. To support the digital transformation of the Security industry, the Infocomm Media Development Authority (IMDA) and Enterprise Singapore will form two industry-led Working Groups to develop a Technical Reference¹ (TR) for Video Analytics Systems. This is aligned with the Security Industry Transformation Map led by the Ministry of Home Affairs.
2. The TR, expected to be ready by end 2019, will provide requirements and specifications for the selection, installation, operation, maintenance and data interoperability of video analytics systems.
3. With the TR, buyers of video analytics systems and security agencies can use it to select suitable vendors who can provide greater assurance of the systems deployed, and that they can perform their functions reliably and effectively. Vendors can also use it to reassure potential buyers of the effectiveness of their solution. For example, users can be assured of the quality of images captured by the video analytics and surveillance systems, and the interoperability of information exchange between different systems. This will facilitate the seamless sharing of data analytics between different parties, widen the coverage of the surveillance areas, support the effective deployment of security personnel and enable faster response to a reported incident.
4. The Security sector currently faces a significant manpower shortage of security officers. With growing demand from new buildings and terrorism threats, it is imperative for security agencies to adopt digital technologies to reduce reliance on manpower. Video analytics systems have been identified as a key solution that can help them to detect

¹A Technical Reference (TR) is a pre-Singapore Standard, that is used by the market before a full consensus is reached i.e. no public comment is invited for the document and used for a short 2 years.

abnormal activities in real time, monitor multiple areas simultaneously, reduce the need for manpower intensive patrols on premises and facilitate collaboration among security agencies for a more effective security outcome.

5. However, buyers of video analytics systems and security agencies are unsure of how to assess the effectiveness of video analytics systems due to a lack of benchmarking and certification of such systems. In addition, interoperability of data can support the use of data analytics generated by other security, safety and building management functions. This will multiply the uses of video analytics data and lead to more cost-effective solutions for security buyers.

6. The TR will be developed by Working Groups under the purview of the Information and Technology Standards Committee (ITSC) which is managed by IMDA. These Working Groups will be co-chaired by Mr Raj Joshua Thomas, President of Security Association of Singapore (SAS) and Mr Nelson Tee, President of the Security Systems Association of Singapore (SSAS) and involves institutes of higher learning and various industry partners.

7. The ITSC is one of Standards Committees (SCs) of the industry-led Singapore Standards Council, set up by Enterprise Singapore, the National Standards Body. Under these SCs, various Technical Committees and Working Groups, which comprise experts from the industry, professional bodies, trade and consumer associations, academia and government agencies, are formed to undertake the development of standards.

About Infocomm Media Development Authority (IMDA)

The Infocomm Media Development Authority (IMDA) leads Singapore's digital transformation with infocomm media. To do this, IMDA will develop a dynamic digital economy and a cohesive digital society, driven by an exceptional infocomm media (ICM) ecosystem – by developing talent, strengthening business capabilities, and enhancing Singapore's ICM infrastructure. IMDA also regulates the telecommunications and media sectors to safeguard consumer interests while fostering a pro-business environment, and enhances Singapore's data protection regime through the Personal Data Protection Commission.

For more news and information, visit www.imda.gov.sg or follow IMDA on Facebook IMDAsg and Twitter @IMDAsg.

About Enterprise Singapore

Enterprise Singapore, formerly International Enterprise Singapore and SPRING Singapore, is the government agency championing enterprise development. We work with committed companies to build capabilities, innovate and internationalise.

We also support the growth of Singapore as a hub for global trading and startups. As the national standards and accreditation body, we continue to build trust in Singapore's products and services through quality and standards.

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