



Section One

# Message by Chief Editor

– Mr Tan Bee Teck

**As the world of IT evolves, so must champions of IT standards evolve in their thinking and approaches to standardisation.**



“ Mr Tan Bee Teck  
Chief Editor ”



I am proud to present to you the 10th edition of the Synthesis Journal. The Synthesis Journal is a celebration of the dedicated work and efforts of the IT standards community. IT standards are pervasive in our daily life. We often take them for granted very much like the way electricity or water has been delivered to us. And yet, without them, the impact could be great.

Imagine what the world would be like without IT standards ...

We would be stranded at the customs because our biometric passports could not be recognised by international airports around the world. Our IT systems would constantly be compromised by cyber attacks because we did not have a standardised way of managing cybersecurity. Shipments from Tokyo to Amsterdam would be lost in transit. We would struggle to use a myriad of e-learning deliveries due to different development and implementation approaches. Our lives would be endangered because software was increasingly used to operate systems around us and there was no systematic way of ensuring safety of our software implementation. Our businesses would also face constant disruptions because there was no standard approaches to ensuring business continuity. And the list could go on...

In this year's issue, we have put together a series of articles to showcase and highlight the range of technologies and standards, their uses and implementation issues bringing to awareness the work done on standards that hopefully would minimise the chance of or prevent the above scenarios from happening to us and around us. As the world of IT evolves, so must champions of IT standards evolve in their thinking and approaches to standardisation. The Synthesis Journal is a great platform to facilitate the cross sharing of ideas and practices among the community. This would not have been possible without the keen sharing by each author in their respective standards of interest. I sincerely thank all of them for their contributions as well as the TC Chair and members for their help in reviewing them. I would also like to thank the ITSC Chairman, Mr Robert Chew, for his support and the ITSC Secretariat for their unwavering support in ensuring we deliver the best to all our readers.