FACTSHEET

CYBERSECURITY INDUSTRY CALL FOR INNOVATION

The Cyber Security Agency of Singapore (CSA) and partner, TNB Ventures, launched the 2019 Cybersecurity Industry Call for Innovation on 2 October 2019, inviting cybersecurity companies to develop innovative solutions to address specific cybersecurity challenges.

2   The Cybersecurity Industry Call for Innovation 2019 is done in collaboration with 10 participating organisations – CSA, Integrated Health Information Systems (IHIS), Jurong Town Corporation (JTC), Keppel Data Centre REIT, Ministry of Defence (MINDEF), Ministry of Health (MOH), PacificLight Power, PSA Corporation Limited, Senoko Energy and YTL PowerSeraya. This initiative consolidated and articulated the cybersecurity needs of these organisations into challenge statements that cybersecurity companies are invited to address through innovative solutions. Through this, CSA aims to strengthen the partners' cyber resilience and at the same time provide opportunities for cybersecurity companies to catalyse cutting-edge solutions in Singapore for commercial adoption.

3   The challenge statements fall into four broad categories:
- "Cyber Readiness" to support cyber self-assessment, improve cyber intelligence and ensure overall cyber preparedness;
- "Industrial Protection" to defend Operational Technology (OT) systems against potential cyber threats;
- "Secure Access" to help users manage authentication and safeguard systems access in a seamless and practical manner; and
- "Smart Detection" to help identify anomalies, uncover intrusions and analyse threats intelligently.

4   The submission period for the Cybersecurity Industry Call for Innovation will close on 2 December 2019. Cybersecurity companies whose proposals are shortlisted will be invited to discuss their proposals in greater depth with the participating organisations for potential co-innovation, adoption and test bedding.

5   Each selected solution that fulfils the eligibility criteria will also be awarded with funding of up to S$1,000,000 under CSA's Co-innovation and Development Proof-of-Concept Funding Scheme.

6   More information on the Cybersecurity Industry Call for Innovation can be found at https://www.tnb.vc/cybercall2019.

Annex A

The Cybersecurity Industry Call for Innovation is looking for innovative solutions that address the cybersecurity challenges of key sectors in Singapore. These solutions should be ready for testing and deployment within a 24-month timeframe. i.e. level 6 and above in terms of the Technology Readiness Level[1].

Details of the Challenge Statements for the Cybersecurity Call for Innovation 2019 can be found at https://www.tnb.vc/cybercall2019.

Quotes from users

1) "This Call presents a unique opportunity for PSA to gain access and engage the cybersecurity industry towards fulfilling our aspirations in our next-generation capabilities. We look forward to seeing innovative cybersecurity solutions emerging from Singapore," said Mr Alvin Foo, Head of Engineering, PSA Corporation Ltd".

2) Mr Yu Tat Ming, CEO of PacificLight Energy Pte Ltd and PacificLight Power Pte Ltd.: "PacificLight is delighted to be working with the Cyber Security Agency again on this invaluable cross industry initiative. Through our participation in the inaugural call for innovation held in 2018, we witnessed first-hand the significant benefits from collaborating with other energy industry companies and IT solution providers to address the key cyber security challenges that we all face."

3) "This is a very good initiative to bring experts, solution providers and organizations together to find synergy and emergent values, and to work together to strengthen the country's capacity to address the growing cybersecurity threats," said Mr Alex Lee, VP Digital Information Technology, Senoko Energy.

4) "The Call provides an excellent platform for us to share with innovators and cybersecurity companies the challenges facing our sector. I look forward to work with the industry to address the cybersecurity challenges." said Mr Tan Kok Poh, Head (Performance & Planning) & Plant CISO, YTL PowerSeraya.

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[1] Technology Readiness Levels (TRLs) are a type of measurement system used to assess the maturity level of a particular technology. Each technology project is evaluated against the parameters for each technology level and is then assigned a TRL rating based on the projects progress. There are nine technology readiness levels. TRL 1 is the lowest and TRL 9 is the highest. (Source: NASA)