

ANNEX A

MEDIA FACTSHEET

CLS-READY INITIATIVE

Launched in 2020, the Cybersecurity Labelling Scheme (CLS) rates consumer smart products on their level of cybersecurity based on four levels. CLS helps consumers make a more informed decision to purchase secure products, and also gives smart product manufacturers a competitive advantage when they roll out CLS-certified products. The CLS has seen good take-up by manufacturers with more than 140 products labelled under the four levels of the labelling scheme.

2 With the majority of products labelled under Levels 1 and 2, the Cyber Security Agency of Singapore (CSA) is making a push to encourage manufacturers to develop and label their smart products under Level 4, which has significantly higher cybersecurity assurance. One such requirement includes subjecting the products to a blackbox penetration testing by approved test laboratories.

CLS-Ready gives manufacturers a leg-up to meet CLS Level 4 requirements

3 CSA understands the challenges faced by manufacturers in implementing cybersecurity features from scratch into their products. The new **CLS-Ready** initiative will make it easier for smart product manufacturers to meet the requirements for the CLS Level 4 by streamlining the labelling process. Under CLS-Ready, smart product manufacturers can adopt hardware/security components (termed **CLS-Ready platforms**) - that have undergone the necessary testing required of CLS Level 4 – and integrate these into their commercial products. The CLS-Ready initiative will lower the barrier to entry for manufacturers of end devices in attaining CLS Level 4, especially SMEs and manufacturers of products that traditionally have no association with security. A CLS product built upon a CLS-Ready platform can rely on the existing certification of the platform to meet CLS Level 4 requirements.

4 For example, manufacturers can use a CLS-Ready certified chip in their end device, which will save them time and cost when testing their end device against CLS Level 4. For devices that have achieved CLS Level 4, manufacturers may often have to change the chips for their products down the road due to cost and supply reasons. By using a CLS-Ready chip, the end device would not need to go through another round of CLS Level 4 testing, as the core security mechanism in the chip would have already been assured as CLS-Ready.

5 Leveraging a CLS-Ready platform will benefit end-device manufacturers as they can focus on developing functionalities of the end-devices, without having to invest heavily on a team to develop the cybersecurity aspects of these devices. Chip manufacturers will also stand to benefit as a single CLS-Ready hardware will be able to support multiple end devices, thus expanding their market reach. The first company onboard the CLS-Ready initiative is **Infineon**, a semiconductor manufacturer which has its OPTIGA™ Trust M, a chip used in smart home and IoT consumer devices, certified with the CLS-Ready label.

6 Manufacturers applying for the CLS-Ready label will need to submit an application with supporting evidence and assessment report by an approved lab. The CLS-Ready label will be valid for the length of time for which the device will be supported with security updates, up to a maximum of five years. To encourage adoption, CSA will waive the application fees for CLS-Ready till October 2022.

7 For more details on the CLS and the CLS-Ready initiative, please visit www.go.gov.sg/csa-cls.

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About the Cyber Security Agency of Singapore

Established in 2015, the Cyber Security Agency of Singapore (CSA) seeks to keep Singapore's cyberspace safe and secure to underpin our Nation Security, power a Digital Economy and protect our Digital Way of Life. It maintains an oversight of national cybersecurity functions, and works with sector leads to protect Singapore's Critical Information Infrastructure. CSA also engages with various stakeholders to heighten cyber security awareness, build a vibrant cybersecurity ecosystem supported by a robust workforce, pursue international partnerships and drive regional cybersecurity capacity building programmes.

CSA is part of the Prime Minister's Office and is managed by the Ministry of Communications and Information. For more news and information, please visit www.csa.gov.sg.

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Appendix

CLS Ready label



ANNEX B

Quote by pilot platform developer

Infineon Technologies

Spokesperson: Mr Goh Say Yeow (Vice-President, Infineon Technologies Asia Pacific)

Infineon OPTIGA™ Trust M is the first to be certified with the CLS-Ready label under the Cyber Security Agency of Singapore's (CSA) CLS-Ready initiative. Our platform has a suite of security use-cases which will help to ease adoption by device manufacturers, saving time and cost on testing and certification. Instead, device manufacturers can leverage on Infineon's rich experience and expertise in security and focus on developing differentiated functionalities on their end-devices.