***Certified Trust – A Workshop on Certification Schemes for Taiwan’s IoT Security Ecosystem***

***Certified Trust – 臺灣物聯網安全生態系統認證計畫研討會***

**The national significance of this workshop**

**本次研討會的深層意義**

To advance Taiwan’s position as a critical force in the global economy, the Taiwanese Government has introduced several important programs. This includes the ‘5+2 Innovative Industries Program’ which covers seven industries including intelligent machinery and Asia Silicon Valley. The government has also announced its ‘National Security 2.0 Strategy’ for 2021.

為提升臺灣在全球經濟中的重要地位，臺灣政府推出了多項計畫，其中包括“5+2創新產業計畫”-涵蓋智慧機械、亞洲矽谷等七大產業。此外，政府還頒佈了 2021 年的“臺灣安全 2.0 戰略”。

Outlining cybersecurity as a national priority is an opportunity for Taiwan’s technology sector to become a hot zone for the development of secure, trusted technologies at home and abroad. Through the adoption of internationally recognized standards that ensure security-by-design, as well as trust through certification, Taiwan’s semiconductor and ICT industries have already started to distinguish their commitment to cybersecurity. They are poised now to secure a central role in global supply chains and establish Taiwan as a major base for the development of next generation technologies, including IoT, 5G and AI.

將網路安全列為優先考量，是臺灣科技產業成為海內外安全可信賴技術發展熱點的重要契機。通過採用國際公認標準之設計確保安全，以其認證確保可信，臺灣地區的半導體和 ICT 產業已逐漸履行其對網路安全的承諾，同時致力於在全球供應鏈中發揮核心作用，將臺灣確立為物聯網、5G 和人工智慧等下一代技術發展的重鎮。

The success of this will ultimately hinge on the development of an effective cybersecurity industry. Creating cybersecurity systems and an industrial chain that can integrate with 5G in vertical industries will help bolster digital transformation across Taiwan and garner the trust of global markets.

其成功與否關鍵在於網路安全發展能否有效實現。打造可在特定產業中與5G整合的網路安全系統和產業鏈，將有助於推動臺灣地區的數位化轉型，贏得全球市場的信任。

Achieving this, however, rests on Taiwan establishing strong connections to global Standards Development Organizations (SDOs) and certification bodies. GlobalPlatform is one such association. It has enabling technologies and certifications that can help Taiwan achieve its mission, and our workshop is an important step on this journey.

然而，能否實現網路安全與數位化轉型的目標，取決於臺灣是否能與全球標準開發組織 (SDO) 和認證機構建立穩固的聯繫。作為其中一家重要組織-GlobalPlatform，擁有可以幫助臺灣實現其網路安全使命的技術和認證能力，因此，本次研討會便是實現最終目標過程中的重要一步。

With a mix of local on-site speakers and virtual presenters, delegates attending this workshop will hear from and interact with cybersecurity experts. The workshop will explore the value of certification and provide technical and business-oriented insights to help delegates understand market and business needs.

本次研討會由現場和線上演講者組成。參加會議的代表將聽取網路安全專家的發言，並與他們互動。研討會將探討安全認證的價值，並提供技術和業務面向的講解，以幫助代表們瞭解市場和業務需求。

**Workshop Overview**

**研討會概覽**

The growing number of IoT products, and the complexity of these connected things, introduces new challenges to the traditional secure development and evaluation process. IoT products are made up of multiple components, which are developed by multiple players, many of which are new to security. A myriad of different regulations and certification frameworks create an added layer of complexity for the IoT vendors, developers and service providers tasked with demonstrating the security capability of their products.

越來越多的物聯網產品，以及萬物互聯帶來的複雜性，給傳統的安全開發和評估流程帶來了新的挑戰。物聯網產品包含多個由不同參與開發者的元件構成，然而開發者當中不乏許多網路安全方面的新手。無數的法規與認證框架使物聯網供應商、開發商和服務提供者向市場證明自己產品的網路安全功能時難上加難。

This Workshop will showcase a path to ***Certified Trust*** by providing the latest information about Secure Component technologies and security evaluation methodologies, specifically designed to support IoT device makers and certification bodies to establish their own IoT device security and certification schemes.

本次研討會將通過分享有關安全性群組件技術和安全評估方法的最新資訊，向與會者展示通往*Certified Trust*的途徑，以支援物聯網設備製造商和認證機構建立自己的物聯網設備安全和認證框架。

The Workshop will bring forward security expertise not only from GlobalPlatform, but also from prestigious Taiwan cybersecurity research institutes Industrial Technology Research Institute (ITRI) and Institute for Information Industry (III), and government security laboratory Telecom Technology Center (TTC). The Workshop will emphasize solutions that are available today, giving delegates the tools and consultation they need to have an immediate impact on their own company IoT initiatives.

研討會不僅將分享來自GlobalPlatform的專業安全知識，同時，還將帶來臺灣地區著名網路安全研究機構—工業技術研究院（ITRI）、資策會（III）和電信技術中心（TTC）的安全專業知識講解。研討會將強調現今可用的安全解決方案，為與會者提供所需的工具和諮詢，以便幫助與會者制定各自公司的物聯網安全認證計畫。