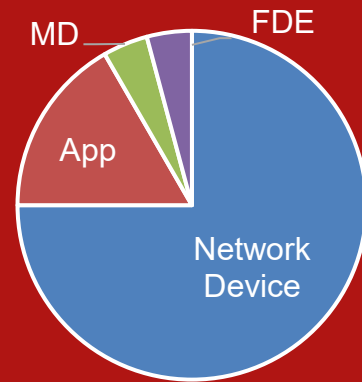# NIAP CY2021 2nd Quarter Progress

Product Validations

24 evaluations added to the PCL

Evaluations by Technology

- Network Device (ND): 18
- Application Software (APP): 4
- Mobile Device (MD): 1
- Full Drive Encryption (FDE): 1

Stakeholder Engagement

- NIAP attended an Entropy Workshop hosted by NIST in April, covering topics on the validation of entropy sources conforming to NIST SP 800-90B. NIST provided updates on the Entropy Source Validation Test System (ESVTS) and discussed the planned separate Entropy Source Validation scope which will be leveraged by future NIAP evaluations to eliminate duplicative process and testing.

- NIAP attended the virtual RSA Conference in May, attending a variety of sessions to stay up to date on the latest technical and policy advances. Sessions focused on how the cybersecurity landscape has significantly changed over the course of the past year, emphasis of supply chain management and the protections of work from home networks, reliance on IoT/edge products and their aggregation of data in consumer products, and ransomware attacks.

- NIAP personnel briefed the Department of Energy's (DoE) Securing Energy Infrastructure Executive Task Force (SEIETF) in May, giving an overview of the NIAP mission and answered questions on how NIAP develops standards and evaluates commercial products.

Protection Profile (PP) Development

PP Updates in Progress:
- Transport Layer Security (TLS) Functional Package, Version 2.0
- Wireless Local Area Network (WLAN) Client PP-Module, Version 1.0
- Wireless Local Area Network (WLAN) Access System (AS) PP-Module, Version 1.0

PPs in Development:
- Security Orchestration, Automation, and Response (SOAR) Platforms PP
- General Purpose Computing Platform (GPCP) PP
- Application Software collaborative Protection Profile (cPP)

PPs Published:
- Mobile Device Fundamentals PP, Version 3.2
- Bluetooth®* PP-Module, Version 1.0
- Secure Shell (SSH) Functional Package, Version 1.0
- Intrusion Prevention Systems (IPS) PP-Module, Version 1.0
- Virtualization PP, Version 1.1
- Client Virtualization PP-Module, Version 1.1
- Server Virtualization PP-Module, Version 1.1

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Common Criteria Recognition Arrangement

- **Attended CCDB and CCES virtual meetings, 10-12 May 2021** – Engaged with CCRA nations on various topics regarding the maintenance and ongoing development of the Common Criteria (CC). Continued engagement with the Common Criteria Users Forum, ensuring regular collaboration between the 31 CCRA nations and industry.

- **Attended the Common Criteria User Forum (CCUF) virtual Workshop, 11-12 May 2021** – NIAP attended and participated in the bi-yearly CCUF workshop, representing the US as one of the largest certification bodies within the CCRA. The workshop allowed NIAP to engage with the CC community made up of vendors, labs, schemes, and academia to discuss baseline security requirements used in Protections Profiles, entropy, and other topics of interest.

- **Virtual CCDB Crypto WG meetings –** The WG continues its work to develop supporting documents for the Specification of Functional Requirements for Cryptography and the Evaluation Methodology of Cryptographic Functional Requirements. These supporting documents will support the harmonization of cryptographic mechanisms in cPPs and product evaluation for the CCRA.

- **Preparing for International Cryptographic Module Conference (ICMC) 2021.**

- **Preparing for 20th International Common Criteria Conference (ICCC) 2021.**