



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Palindrome Technologies**

**21 Roszel Rd. Suite 105  
Princeton, NJ 08540**

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**TESTING**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to be 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 14 September 2026

Certificate Number: L2331



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory  
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**Palindrome Technologies**

21 Roszel Rd. Suite 105  
 Princeton, NJ 08540  
 Peter Thermos  
 732 688 0413

**TESTING**

ISO/IEC 17025 Accreditation Granted: **14 September 2024**

Certificate Number: **L2331**

Certificate Expiry Date: **14 September 2026**

**Information Technology – Web Application Testing**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Web Security Testing	OWASP Testing Guide v4.2	Enterprise or Service Provider Web Applications	Configuration and Deployment Management Testing; Identity Management Testing; Authentication Testing; Authorization Testing; Session Management Testing; Input Validation Testing; Testing for Error Handling, Weak Cryptography and Business Logic; Client-Side Testing

**Information Technology - IoT Devices**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
IoT Security Testing	CTIA Cybersecurity Certification Test Plan for IoT Devices Version 2.1.1 August 2023	IoT Devices	Level 1, 2, 3 Tests

**Information Technology – Telecommunications**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
General IT Security for Telecommunications Equipment	3GPP TS 33.117; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Catalogue of general security assurance requirements	Telecommunication Service Provider Components	General Security Requirements that apply to any Mobile Network Product
LTE eNodeB	3GPP TS 33.216; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class	Telecommunication Service Provider Components	Security Requirements and Test Cases for LTE eNodeB
IMS	3GPP TS 33.226; 3rd Generation Partnership Project; Technical Specification Group Services and Systems Aspects; Security assurance for IP Multimedia Subsystem (IMS)	Telecommunication Service Provider Components	Security Requirements and Test Cases for IP Multimedia Subsystem (IMS)
NSSAAF	3GPP TS 33.326; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Security Assurance Specification (SCAS) for the Network Slice-Specific Authentication and Authorization Function (NSSAAF) network product class	Telecommunication Service Provider Components	Security Requirements and Test Cases for NSSAAF
5GNB	3GPP TS 33.511; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class	Telecommunication Service Provider Components	Security Requirements and Test Cases for 5GNB
5G AMF	3GPP TS 33.512; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS); Access and Mobility management Function (AMF)	Telecommunication Service Provider Components	5G Access and Mobility Function
5G UPF	3GPP TS 33.513; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS); User Plane Function (UPF)	Telecommunication Service Provider Components	5G User Plane Function

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5G UDM	3GPP TS 33.514; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS) for the Unified Data Management (UDM) network product class	Telecommunication Service Provider Components	5G Unified Data Management Product
5G SMF	3GPP TS 33.515; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS) for the Session Management Function (SMF) network product class	Telecommunication Service Provider Components	5G Session Management Function
5G AUSF	3GPP TS 33.516; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS) for the Authentication Server Function (AUSF) network product class	Telecommunication Service Provider Components	5G Authentication Server Function
5G SEPP	3GPP TS 33.517; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS) for the Security Edge Protection Proxy (SEPP) network product class	Telecommunication Service Provider Components	5G Security Edge Protection Proxy
5G NRF	3GPP TS 33.518 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS) for the Network Repository Function (NRF) network product class	Telecommunication Service Provider Components	5G Network Repository Function
5G NEF	3GPP TS 33.519; 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS) for the Network Exposure Function (NEF) network product class	Telecommunication Service Provider Components	5G Network Exposure Function
N3IWF	3GPP TS 33.520; Technical Specification Group Services and System Aspects; Security Assurance Specification for Non-3GPP InterWorking Function (N3IWF)	Telecommunication Service Provider Components	Non-3GPP InterWorking Function

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5G NWDAF	3GPP TS 33.521; 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS); Network Data Analytics Function (NWDAF)	Telecommunication Service Provider Components	5G Network Data Analytics Function
5G SCP	3GPP TS 33.522; 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS); Service Communication Proxy (SCP)	Telecommunication Service Provider Components	5G Service Communication Proxy
4G MME	3GPP TS 33.116; 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; Security Assurance Specification (SCAS) for the MME network product class	Telecommunication Service Provider Components	4G Mobility Management Entity
4G PGW	3GPP TS 33.250; 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; Security assurance specification for the PGW network product class	Telecommunication Service Provider Components	4G Packet Gateway
5G NB	3GPP TS 33.523; 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS); Split gNB product classes	Telecommunication Service Provider Components	5G Split gNodeB
5G MnF	3GPP TS 33.526; 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS); Security Assurance Specification for Management Function (MnF)	Telecommunication Service Provider Components	5G Management Function
5G GVNP	3GPP TS 33.527; 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; 5G Security Assurance Specification (SCAS); Security Assurance Specification (SCAS) for 3GPP virtualized network products	Telecommunication Service Provider Components	5G Generic Virtualized Network Products

**Information Technology – Internet-Connected Radio Devices**

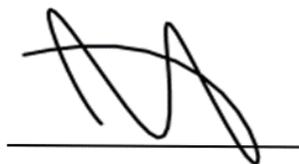
<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
IT Security	hEN 18031-1:2024 Common security requirements for radio equipment - Part 1: Internet connected radio equipment	Internet-Connected Radio Equipment	Cybersecurity of embedded software
IT Security	hEN 18031-2:2024 Common security requirements for radio equipment - Part 2: radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment	Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment	Cybersecurity of embedded software

**Information Technology – Industrial Automation**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials, Process, or Product Tested</b>
ISASecure® Component Security Assurance (CSA) Certification V1.0.0	SSA-420 Vulnerability Identification Testing (VIT) V4.x <sup>2</sup> : IEC 62443-4-1 Sec 9.4(b) & (c)	Embedded, Network, Host Devices, Application Software Components for Industrial Automated Control Systems
ISASecure® IIoT Component Security Assurance (ICSA) Certification V1.0.0	SSA-420 Vulnerability Identification Testing (VIT) V4.x <sup>2</sup> : IEC 62443-4-1 Sec 9.4(b) & (c)	Embedded, Network, Host Devices, Application Software Components for Industrial Automated Control Systems
ISASecure® System Security Assurance (SSA) Certification V4.0.0	SSA-420 Vulnerability Identification Testing (VIT) V4.x <sup>2</sup> : IEC 62443-4-1 Sec 9.4(b) & (c)	Systems and Automation Solutions for Industrial Automated Control Systems

**Notes:**

1. SSA-420 V4.x accreditation extends to all V4 revisions (4.x)



Jason Stine, Vice President