LABORATORY ACCREDITATION BUREAU

Certificate # L2331

Scope of Accreditation For Palindrome Technologies

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Hazlet, NJ 07730
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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Palindrome Technologies** to perform the following tests:

Accreditation granted through: **September 14, 2018**

Testing – Information Technology

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Software Security Assurance	N/A	Internal PSA001.1 Software Assurance Methodology	Software	Threat Analysis; Functional Analysis; Source Code Review for Security Defects; Dynamic Testing for Security Defects; Source Code Build Integrity Control
IMS Security Assurance	N/A	3GPP TS 33.203 Security; Access Security for IP-Based Services	Telecommunication Service Provider Components	**IMS** Security Features Validation; Security Mechanisms Validation; Security Association Set-Up Procedure Validation. **ISIM** Security Requirements on the ISIM Application; Sharing Security Functions and Data with the USIM
LTE Security Assurance	N/A	3GPP TS 33.401, 3GPP System Architecture Evolution (SAE): Security Architecture	Telecommunication Service Provider Components	User-to-Network Security; Security requirements on eNodeB; Security Procedures Between UE and EPC Network Elements; Security Procedures Between UE and EPC Access Network Elements; Security Mechanisms for Non-Access Stratum Signaling; Security Interworking Between EUTRAN and UTRAN;

Technology	Range, when necessary	Methods Used	Product Types	Remarks
				Security Interworking Between EUTRAN and GERAN; Network Domain Control Plane Protection; Backhaul Link User Plane Protection; Management Plane Protection Over the S1 Interface.
Network Security Assurance	N/A	NIST Special Publication 800-115 Guideline on Network Security Testing	Computer and Telecommunication Networks	Security Testing Techniques; Deployment Strategies for Security Testing
LTE Security Assurance	N/A	3GPP TS 33.401, GPP System Architecture Evolution (SAE): Security Architecture	Telecommunication Service Provider Components	User-to-Network Security; Security requirements on eNodeB; Security Procedures Between UE and EPC Network Elements; Security Procedures Between UE and EPC Access Network Elements; Security Mechanisms for Non-Access Stratum Signaling; Security Interworking Between EUTRAN and UTRAN; Security Interworking Between EUTRAN and GERAN; Network Domain Control Plane Protection; Backhaul Link User Plane Protection; Management Plane Protection Over the S1 Interface.
Web Security Testing	N/A	OWASP Testing Guide v4	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

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eMBMS Security	N/A	3GPP 33.246, Security of Multimedia Broadcast / Multicast Service (MBMS)	Telecommunication Service Provider Components	Security Requirements for: Secure Service Access; MBMS Transport Service Signaling, Privacy, Key Management; Integrity and Confidentiality Protection of MBMS User Service Data and Security Requirements for the Content-Provider to BM-SC Reference Point.
Small Cell Security	N/A	3GPP TS 33.320 v12.1.0. 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Security of Home Node B (HNB) / Home evolved Node B (HeNB)(Release 12).	Telecommunication Service Provider Components	Security Requirements for Home (e) NodeB, Security Gateway, Element Management System, Backhaul Link, Local Gateway, Clock Protection, Trusted Environment, IPSec Profiles, TLS Certificate Profile, TR-069 Profile and Device Integrity Check

Notes:

1) This laboratory offers commercial testing service.

Approved by: _____ Date: February 28, 2017

R. Douglas Leonard
Chief Technical Officer

Re-issued: 10/13/15 Revised: 2/28/17