



About Onward Security

a DEKRA Company

Realize Ultimate Security | every step starts with the labs

About DEKRA



Established in 1925 to ensure road safety in connection with rapidly developing mobility, today DEKRA stands for safety on the road, at work, and at home and offers a broad service portfolio, including qualified and independent expert services in 60 countries.

Business & Service Drivers

- 1 Future Vehicle & Mobility Services
- 2 Information & Cyber Security Services
- 3 Sustainability Services

Technology Enablers

- 4 AI & Advanced Analytics
- 5 Remote Services




Safety experts in 6 regions in 60 countries



Services

 Vehicle Inspection


 Claims & Expertise

 Product Testing

 Industrial Inspection

 Advisory & Training Services

 Audit

 Temp Work

Germany

24,420* employees

Central East Europe & Middle East

7,063* employees

North-West Europe

3,299* employees

South-West Europe

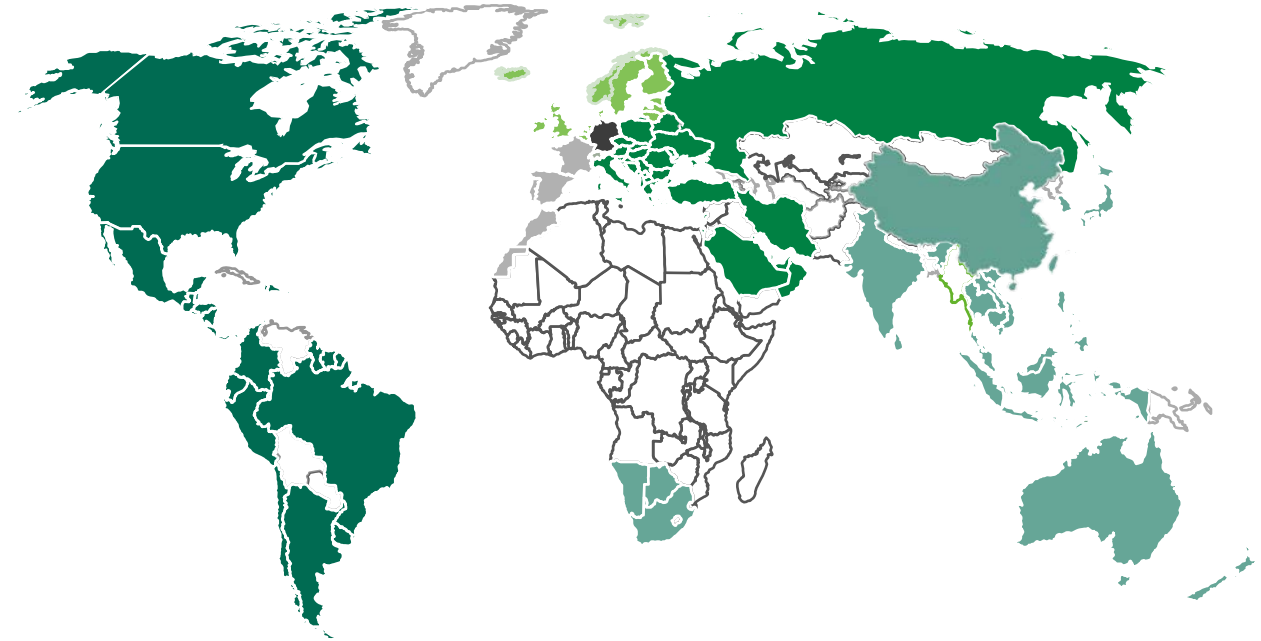
8,334* employees

APAC

3,680* employees

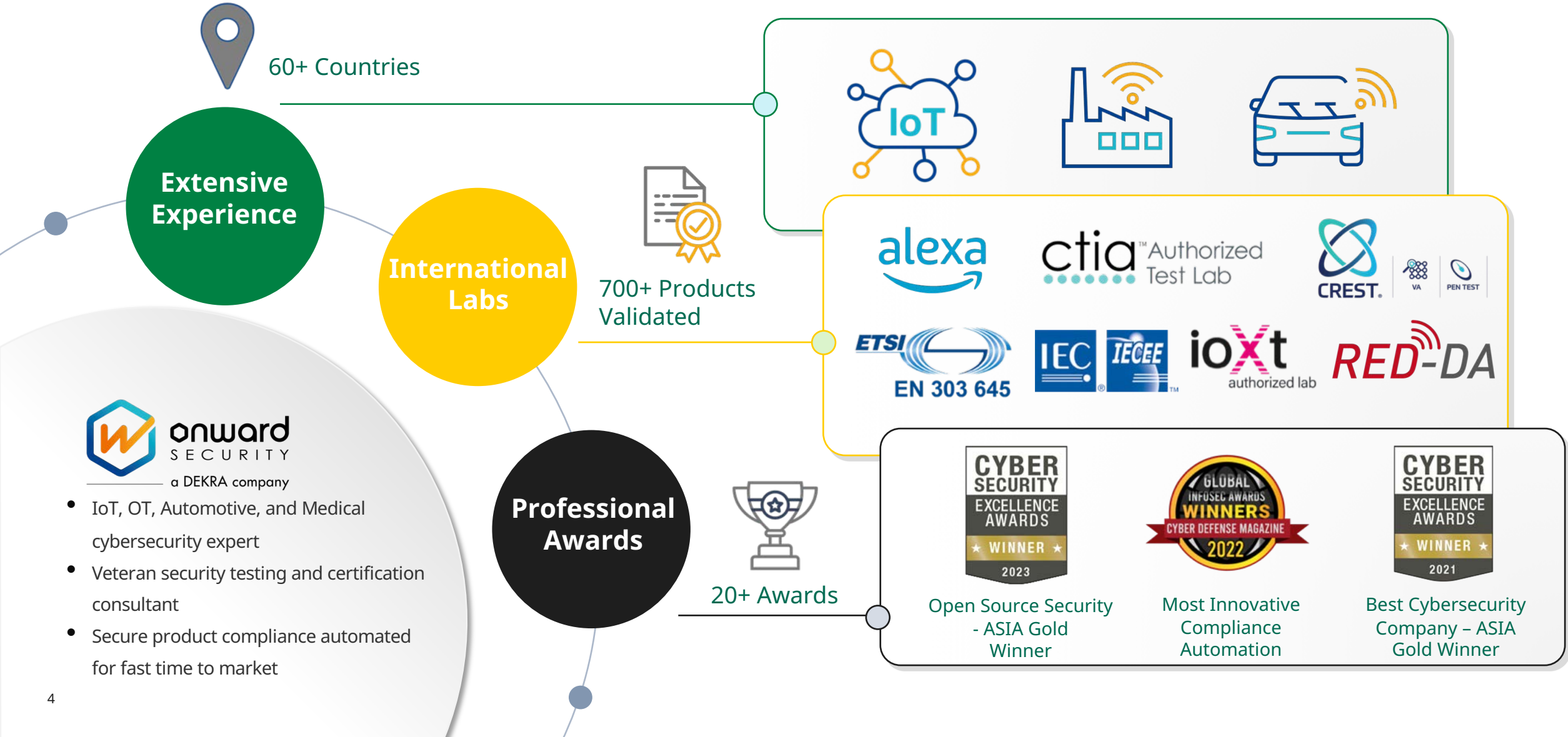
Americas

974* employees



*Employees 2021

IoT Cybersecurity Compliance Partner



60+ Countries

Extensive Experience

International Labs

700+ Products Validated

Professional Awards

20+ Awards

IoT, Industrial, and Automotive icons

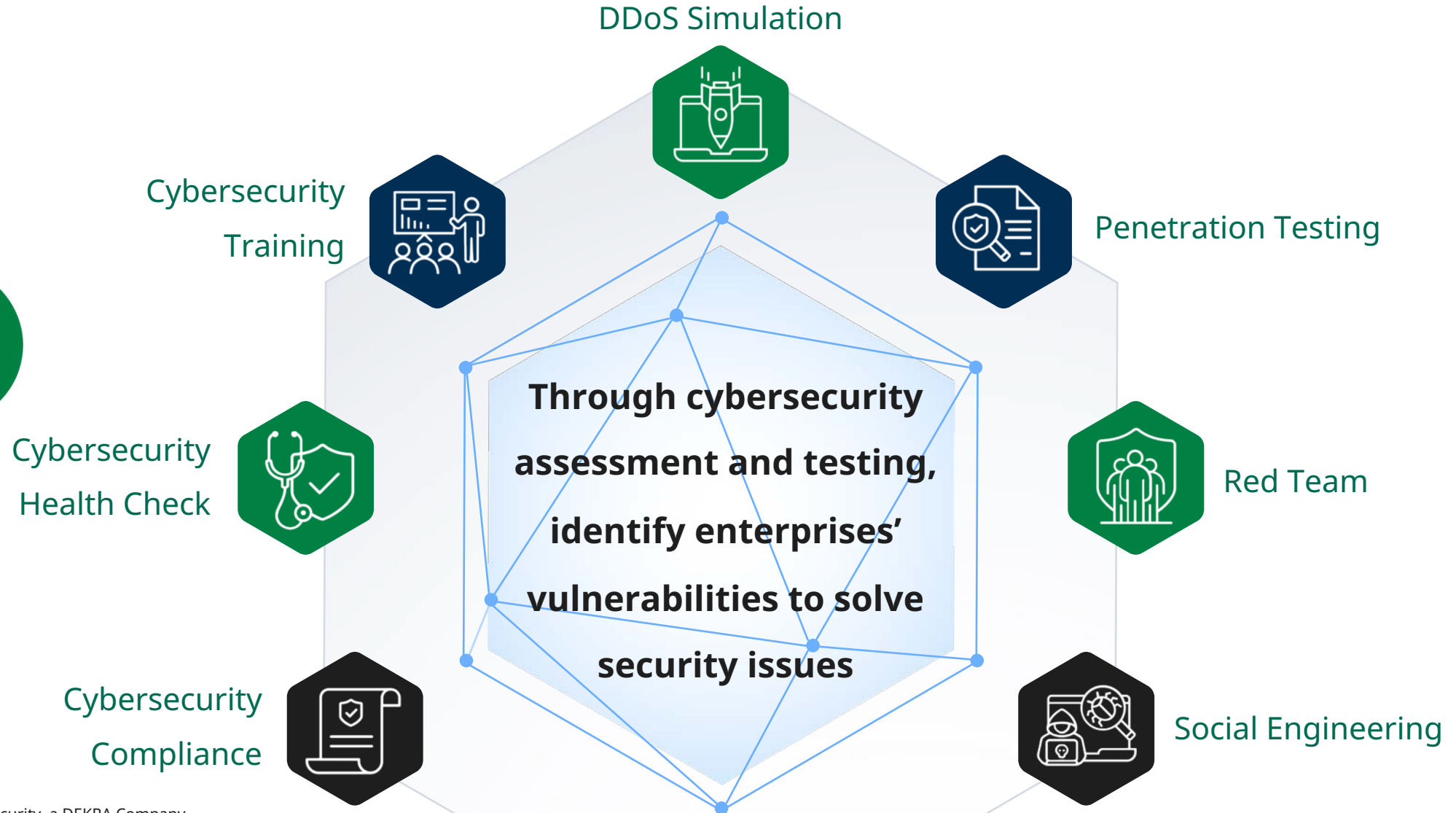
alexia, ctia™ Authorized Test Lab, CREST, VA, PEN TEST, ETSI EN 303 645, IEC, IECÉE, ioxt authorized lab, RED-DA

CYBER SECURITY EXCELLENCE AWARDS 2023: Open Source Security - ASIA Gold Winner
GLOBAL INFOSEC AWARDS WINNERS 2022: Most Innovative Compliance Automation
CYBER SECURITY EXCELLENCE AWARDS 2021: Best Cybersecurity Company - ASIA Gold Winner



- IoT, OT, Automotive, and Medical cybersecurity expert
- Veteran security testing and certification consultant
- Secure product compliance automated for fast time to market

Enterprise Cybersecurity Services



Security Compliance Services

Secure-by-design, streamline cybersecurity compliance assessment



Gap Analysis

Review & Comparison

Implementation

Assessment & Improvement

Perfection

Audit & Certification

- Automotive
- AI
- BFSI
- Cryptography
- Certification Scheme
- ISMS
- IT
- Medical
- NIST CSF
- Personal Privacy



Testing and Certification Services

Testing and Certification in 60+ countries



- 5G Equipment
- AI Cybersecurity
- Air Quality Sensor
- Cloud System
- Cryptography
- Drone
- Medical Device
- Mobile Device & App
- OT Security
- Smart Home
- Smart Lighting/Bus
- SoC Cybersecurity
- Telecom Infrastructure
- Video Surveillance



Product Security Assessment Automation Platform



Easy SBOM Creation



Supply Chain Security Management

Quickly analyze OSS components without source code
Swiftly uncover and address vulnerabilities
Support OSS and 3rd party suite license analysis



OSS Management



Product Risk Control

Improve efficiency of vulnerability fix with CI/CD integration
Manage vulnerability risk rating based on SBOM and CBOM structure
Comply with global IoT security standards



Advanced Vulnerability Discovery



Smart Compliance Testing

Quickly IoT/IIoT product vulnerability testing
Fuzzing to discover unknown vulnerabilities
AI patent testing with 100% accuracy

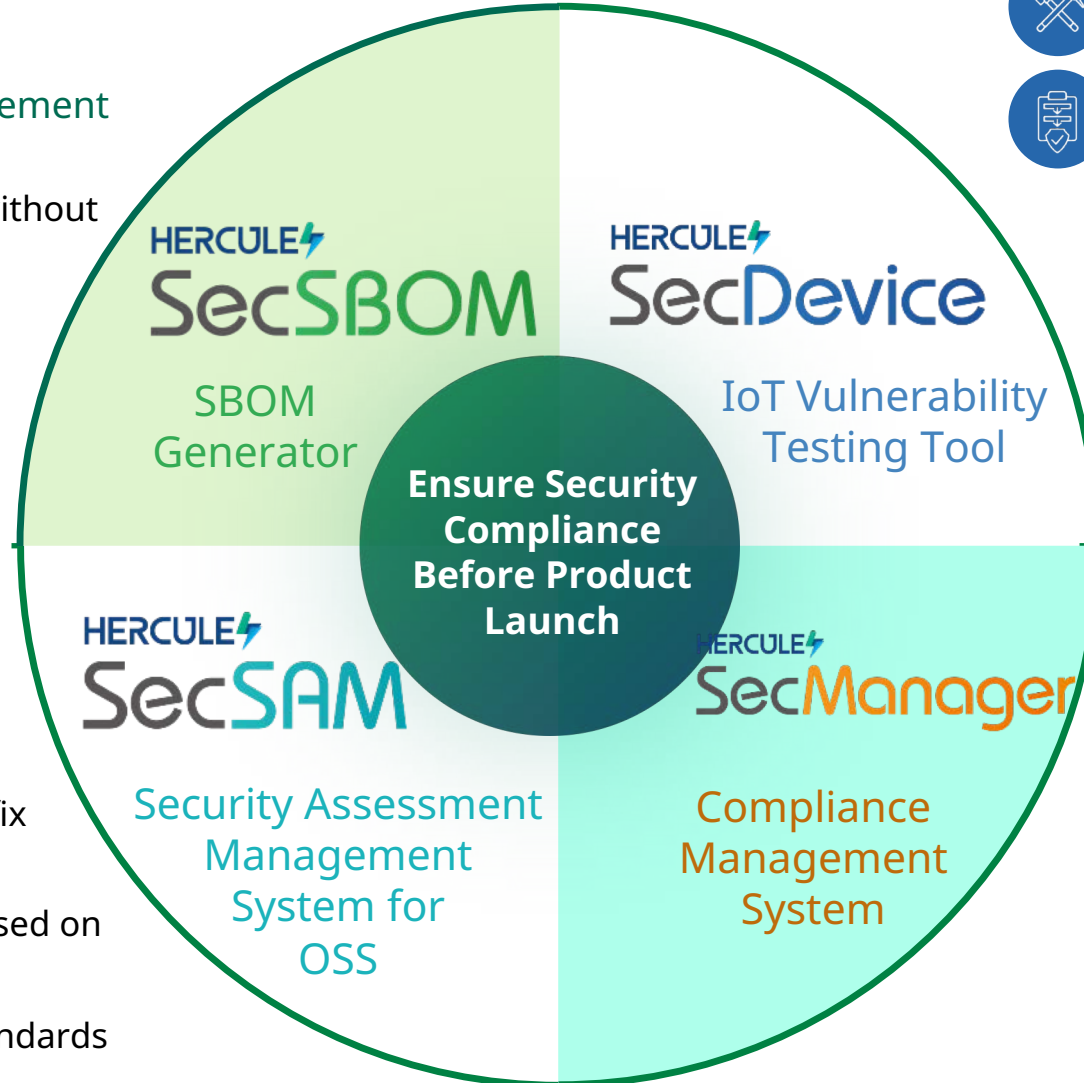


Security Governance Optimization



Compliance Efficiency Improvement

Quantitative implementation indicators
Associate the corresponding execution record
Continuous monitoring and improvement of management



Your Trusted Partner for IoT Cybersecurity Compliance

Realize Ultimate Security | every step starts with the labs



Automotive



Consumer



Industrial



Medical

Dedicated to IoT Product Security

- 200+ cybersecurity projects in IoT industry
- Tested 1000+ IoT product security






In-depth Cybersecurity Techniques

- Uncovered 40+ zero-day vulnerabilities (CVE)
- Discovered 3000+ IoT product vulnerabilities

Global Compliance and Certification Capability

- 500+ customers / 20+ countries certification obtained
- Compliance experience in Automotive, Consumer, Industrial, and Medical industry

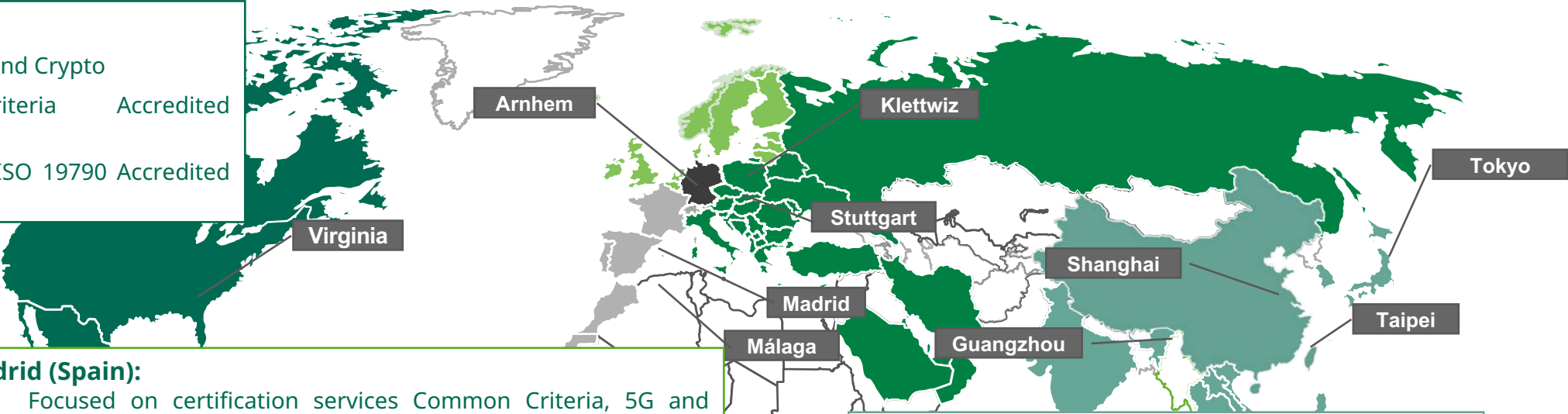
Portfolio of DEKRA CSH + Onward Security

	SDO and Regulations	Services	Testing Tools
 Automotive	<ul style="list-style-type: none"> • UNECE WP29 (R155 and R156) • OmniAir 	<ul style="list-style-type: none"> • Assessment and Training • Product Security Evaluation 	<ul style="list-style-type: none"> • SecDevice (IoT Vulnerability Testing Tool) • SecSAM (Security Assessment Management System for OSS) • SecManager (Compliance Management System)
 Consumer	<ul style="list-style-type: none"> • RED-DA • Cyber Resilience Act • ETSI • GSMA, ioXt, CSA-Singapore, CTIA, PSTI 	<ul style="list-style-type: none"> • Product Security Evaluation (ETSI EN 303 645, CTIA, ioXt, etc.) • Labelling Schemes (UK, Singapore, US, etc.) • Alexa Voice Service • Google's MASA program 	
 ICT	<ul style="list-style-type: none"> • ICC • ENISA • Cybersecurity Act • NIST • FIPS 	<ul style="list-style-type: none"> • Common Criteria /EUCC • NESAS/EU5G • Crypto • Lightweight Evaluations • Cloud Testing and Certification (Google's CASA & EUCS) 	
 Industrial	<ul style="list-style-type: none"> • IEC 62443 	<ul style="list-style-type: none"> • IEC 62443 • Product Security Evaluation 	
 Medical	<ul style="list-style-type: none"> • UL 2900 • MDR/IVDR 	<ul style="list-style-type: none"> • UL 2900-2-1 • MDR/IVDR Assessment • IEC 81001-5-1 • IEC 60601-4-5 	

DEKRA CSH + Onward Security in Europe, APAC, and Americas



Virginia (US):
Focused on ICT and Crypto
Common Criteria Accredited Laboratory
FIPS 140-3 and ISO 19790 Accredited Laboratory



Madrid (Spain):
Focused on certification services Common Criteria, 5G and crypto.
CAB – eIDAS and EUCC

Málaga (Spain):
Focused on Mobile, Automotive, Consumer, Industrial and Medical
Notified Body for RED DA 3.3.d, 3.3.e and 3.3.f.

Arnhem (The Netherlands):
Focused on IoT and EV Charging Stations
CBTL – IEC 62443

Stuttgart (Germany):
Focused on Automotive Cybersecurity (ISO 21434 and ISO 24089)

Klettwitz (Germany):
Technical Office for UN R155 and UN R156

Guangzhou (China):
Focused on IoT, Mobile and Automotive

Shanghai (China):
Focused on Industrial (CBTL) and Automotive

Taipei (Taiwan):
Focused on IoT, Consumer, Mobile, IT PenTest and Automotive

Tokyo (Japan):
Focused on IoT and Automotive



Thank you !



 contact@onwardsecurity.com

 www.onwardsecurity.com

Realize Ultimate Security | every step starts with the labs



Onward Security 