ETSI The Standards People

IoT Conference 2023

CyberPass Demo: Streamlining Cybersecurity Assessments with ETSI EN 303 645 for Connected Products

Presented by:

CYBERPASS
TRUST YOUR CONNECTED PRODUCTS

04/07/2023

Challenges

125 Bn+
of IoT Devices

2030

Complexity of managing cybersecurity levels over time

62% of attacks exploit customers' trust in their suppliers.

50%+ are vulnerable

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MISSION

Bringing Trust to the Internet of Things

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Our Services

SECURITY CONSULTING

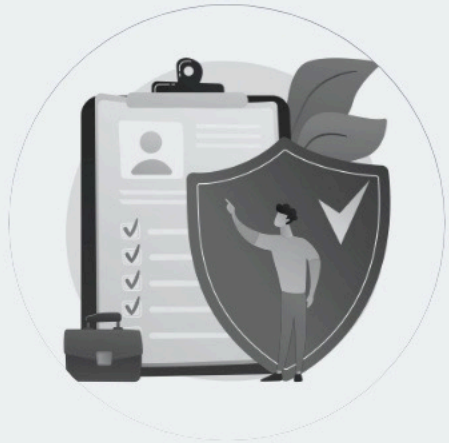
- Risk Assessment
- Secure Design
- Certification Schemes
- Strategic plan

SECURITY EVALUATION

- Pentesting
- Regulations
- Standards
- Certification

SECURITY INNOVATION

- Risk Analysis
- Product Assessment
- Trusted Procurement
- Vulnerability Management



SECURITY TRAINING

- Cybersecurity Act
- Certification Schemes
- Common Criteria
- IoT Cybersecurity
- Cyber Resillience Act

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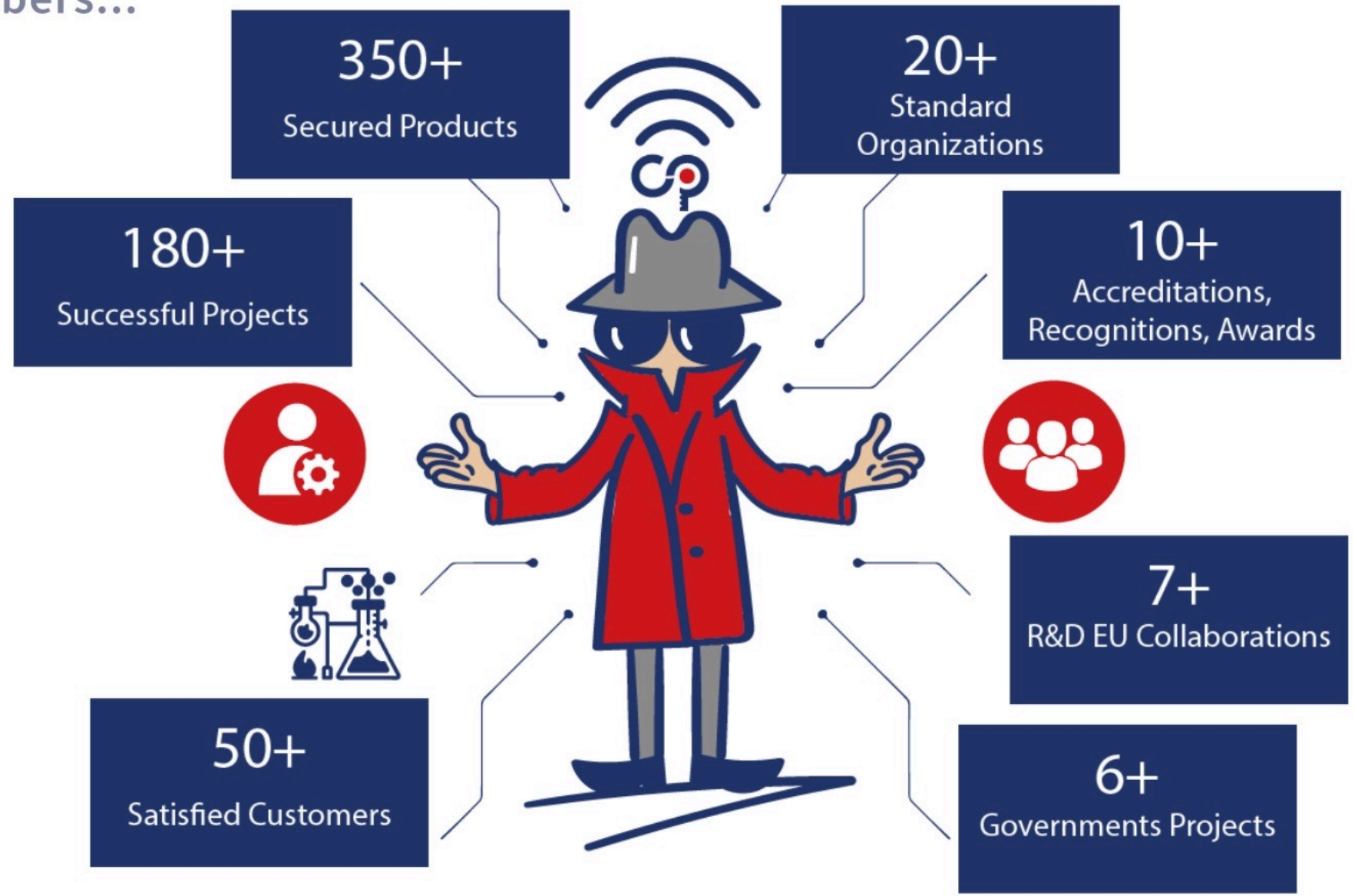
in numbers...


350+
Secured Products
20+
Standard Organizations
180+
Successful Projects
10+
Accreditations, Recognitions, Awards
7+
R&D EU Collaborations
50+
Satisfied Customers
6+
Governments Projects

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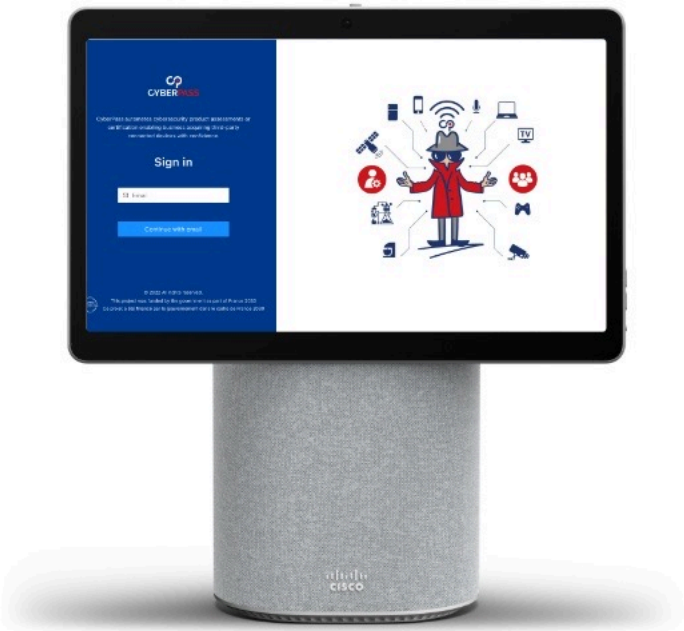
Now that you finished the ICS you still have the IXIT
you are almost there! don't worry it's digital and automated
IXIT
IXIT
ICS

The **Solution**

CYBERPASS provides enterprises with a cost-effective and scalable solution to assess and manage the level of cybersecurity of their connected products provided by third-party suppliers.



EU CYBERSECURITY ACT

COMMON CRITERIA

ETSI EN 303 645

ISA IEC

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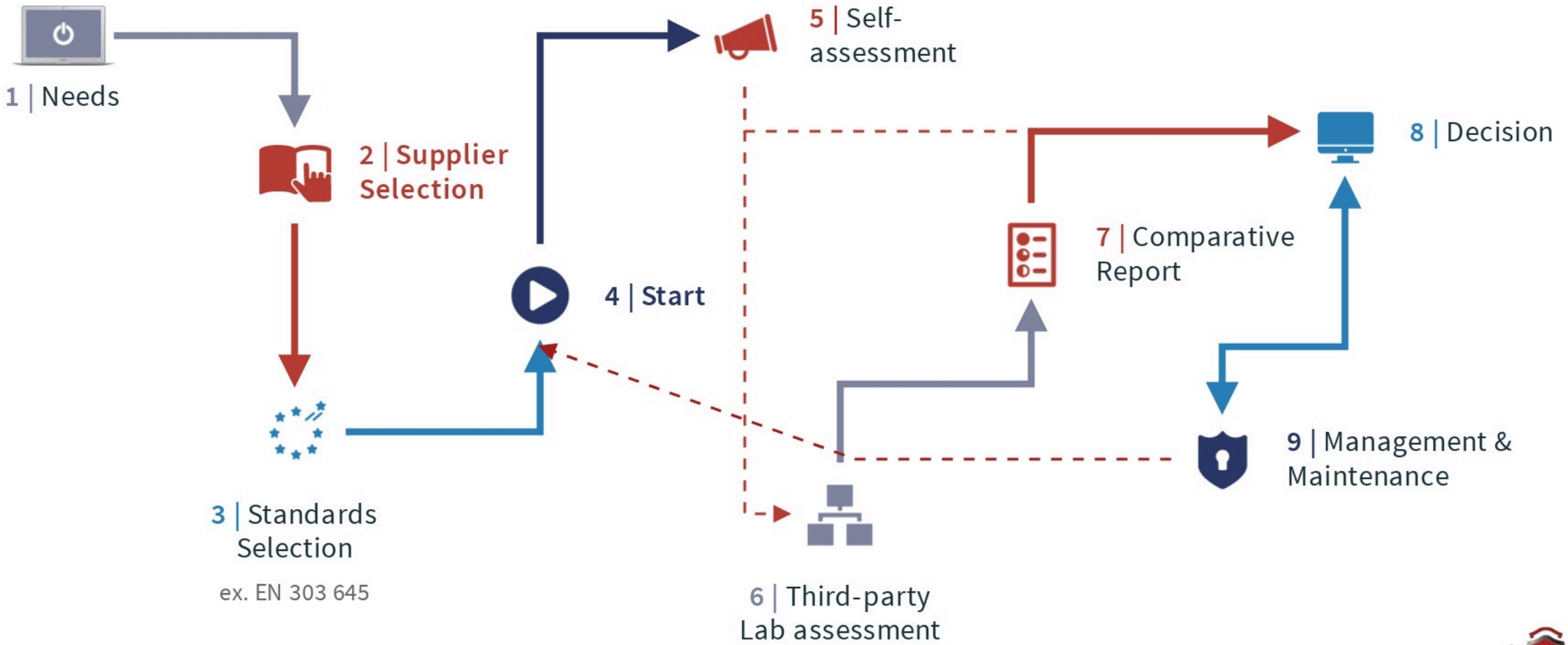
How it works ?



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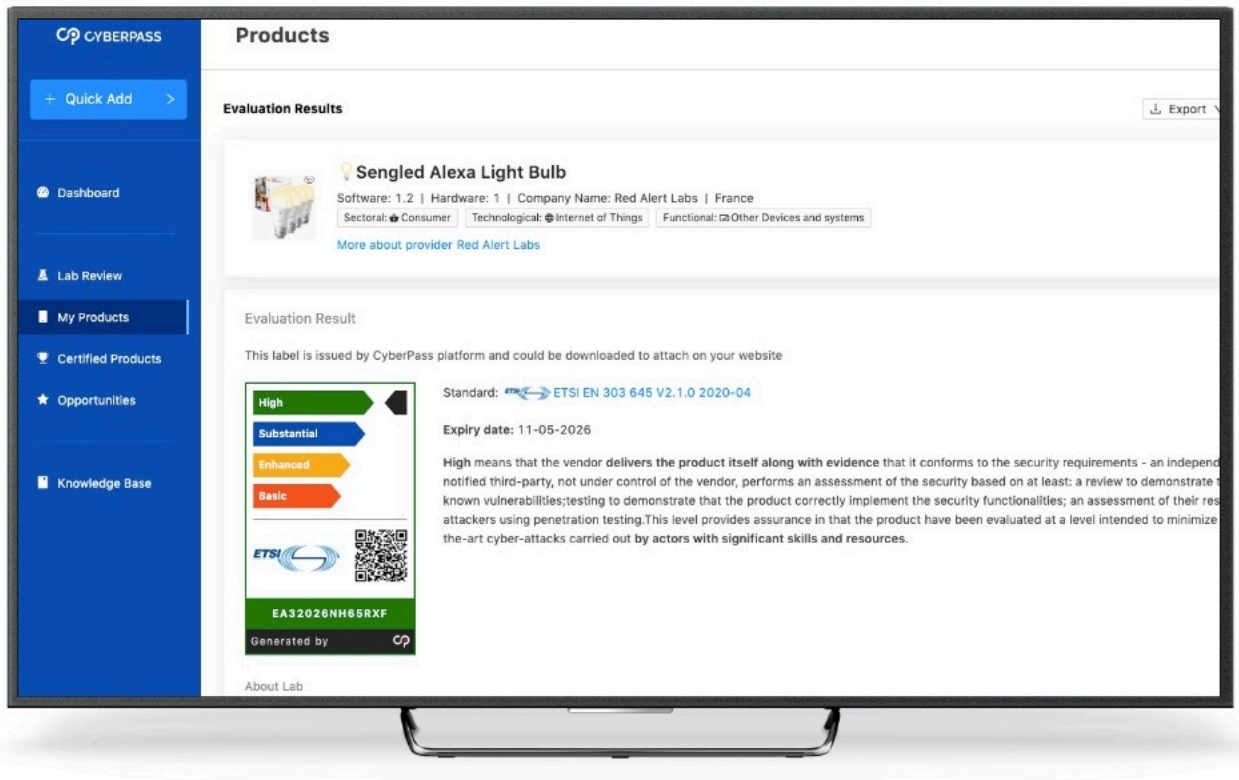
What Benefits !?



CYBERPASS
TRUST YOUR CONNECTED PRODUCTS

- Cost-effective & Scalable
- Intuitive & User-Friendly
- Speed & Efficiency
- Engagement & Trust
- Labelling & Certification

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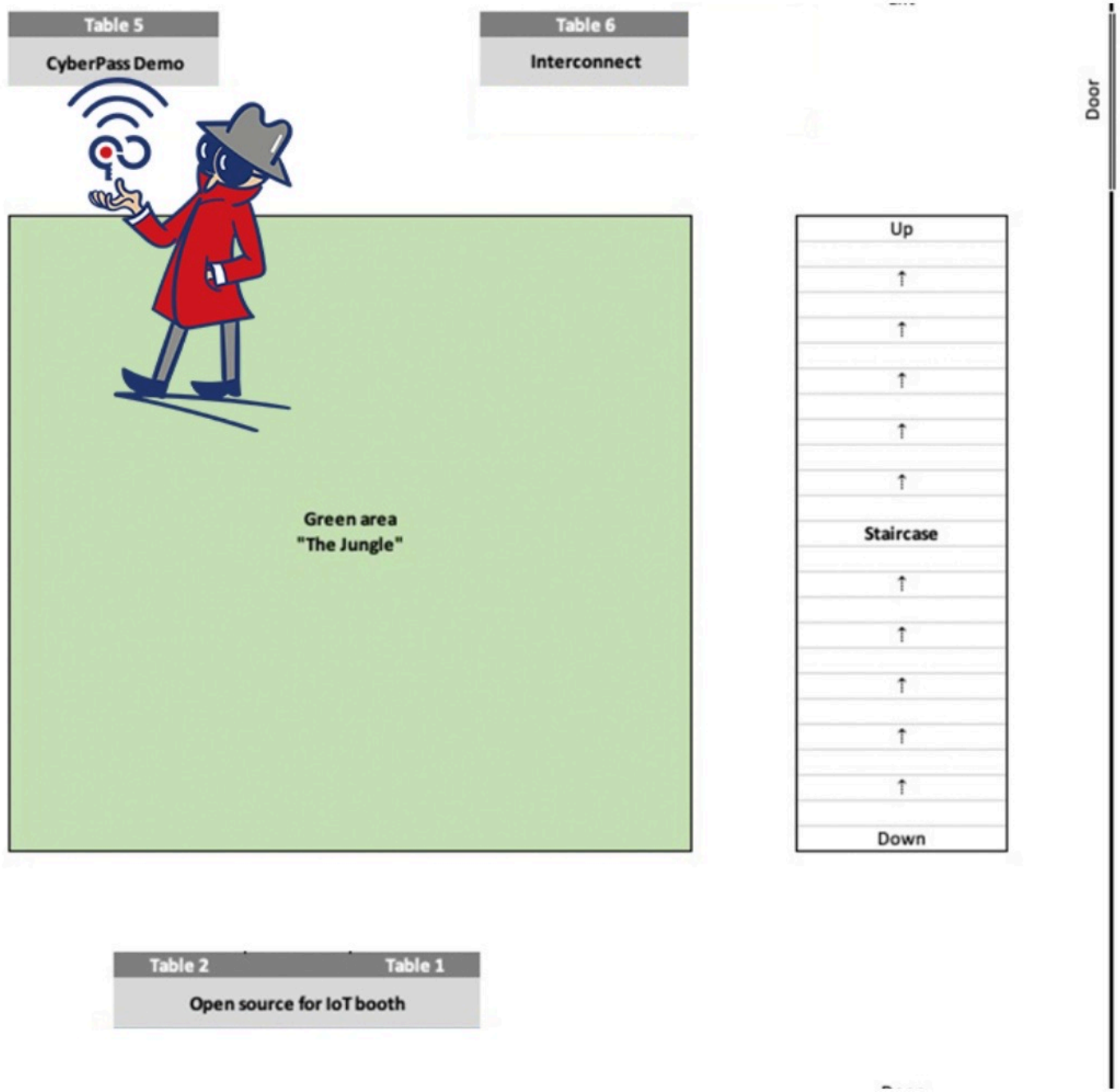

CyberPass Demos

Table 5

Coffee Breaks

Lunch Time

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Project Impacts

Digital | Economic | Societal | Environmental | Sovereignty

- Fostering cyber assessments in a quantifiable, transparent and recognized way across the EU (trusted accredited labs)
- Pooling of French and European standards
- Reduce the dependence of France and the EU on non-European solutions;
- Improving collective cybersecurity resilience
- Accelerating the adoption of connected technologies
- Securing risks with significant ecological repercussions (in the field of energy, for example)
- Reduced risk of cyberattacks on critical sectors (eg Health)
- Establishment of an ecosystem of trust
- Strengthening the sharing of expertise between experts in security assessment and certification

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Who can benefit from CyberPass?

Covering the whole value chain...

Manufacturers / OEMs

- Freemium + purchase on the go upgrades

Business Buyers / Distributors

- Freemium + **Subscription** Fee to upgrades.

Service Providers

- Each assessment/certification by a Service Provider will incur a % **fee**

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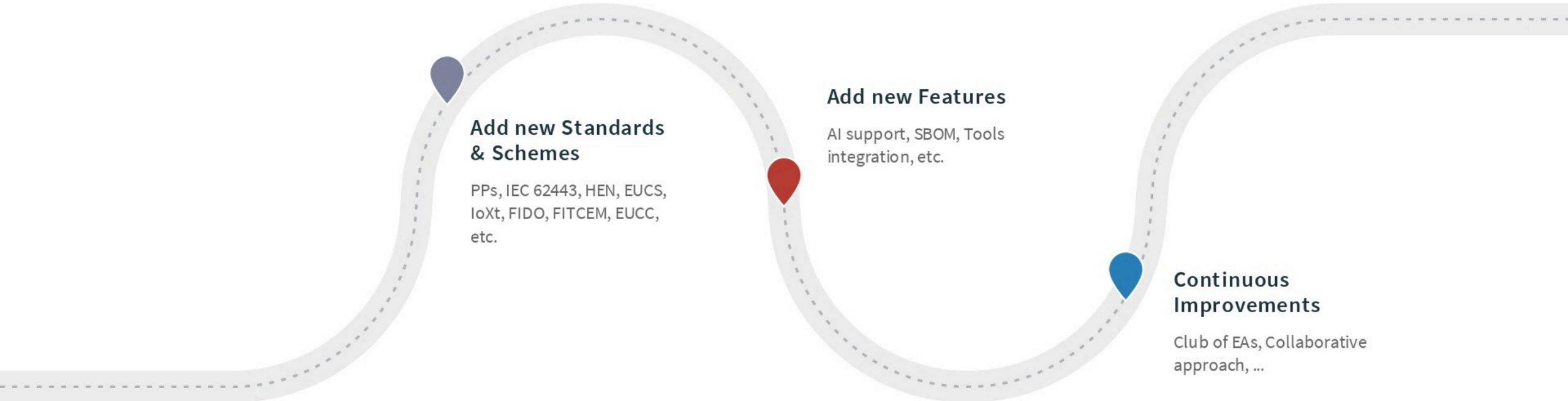
What's Next ?



Add new Standards & Schemes

PPs, IEC 62443, HEN, EUCS, IoXt, FIDO, FITCEM, EUCC, etc.

Add new Features

AI support, SBOM, Tools integration, etc.

Continuous Improvements

Club of EAs, Collaborative approach, ...

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Key Takeaway

Standards & Regulations

Use standards (ETSI 303 645) as often as possible to address cybersecurity by design and think about compliance and regulatory requirements to access new markets while minimizing your costs.

Anticipation

Even if the directives only come into force from 2025, it is important to start incorporating them now into the processes of the manufacturers.

E.g. “For devices that cannot have their software updated, the product should be isolable and the hardware replaceable.”

Automation

71% say their staff spends too much time on tasks that should be automated, and that number jumps to 82% among teams that say they don't have enough time for strategic tasks.

Trust Products...

Trust products and not just their suppliers.

Take accurate decisions ! Express your security needs to suppliers ! Rely on third-party when necessary.

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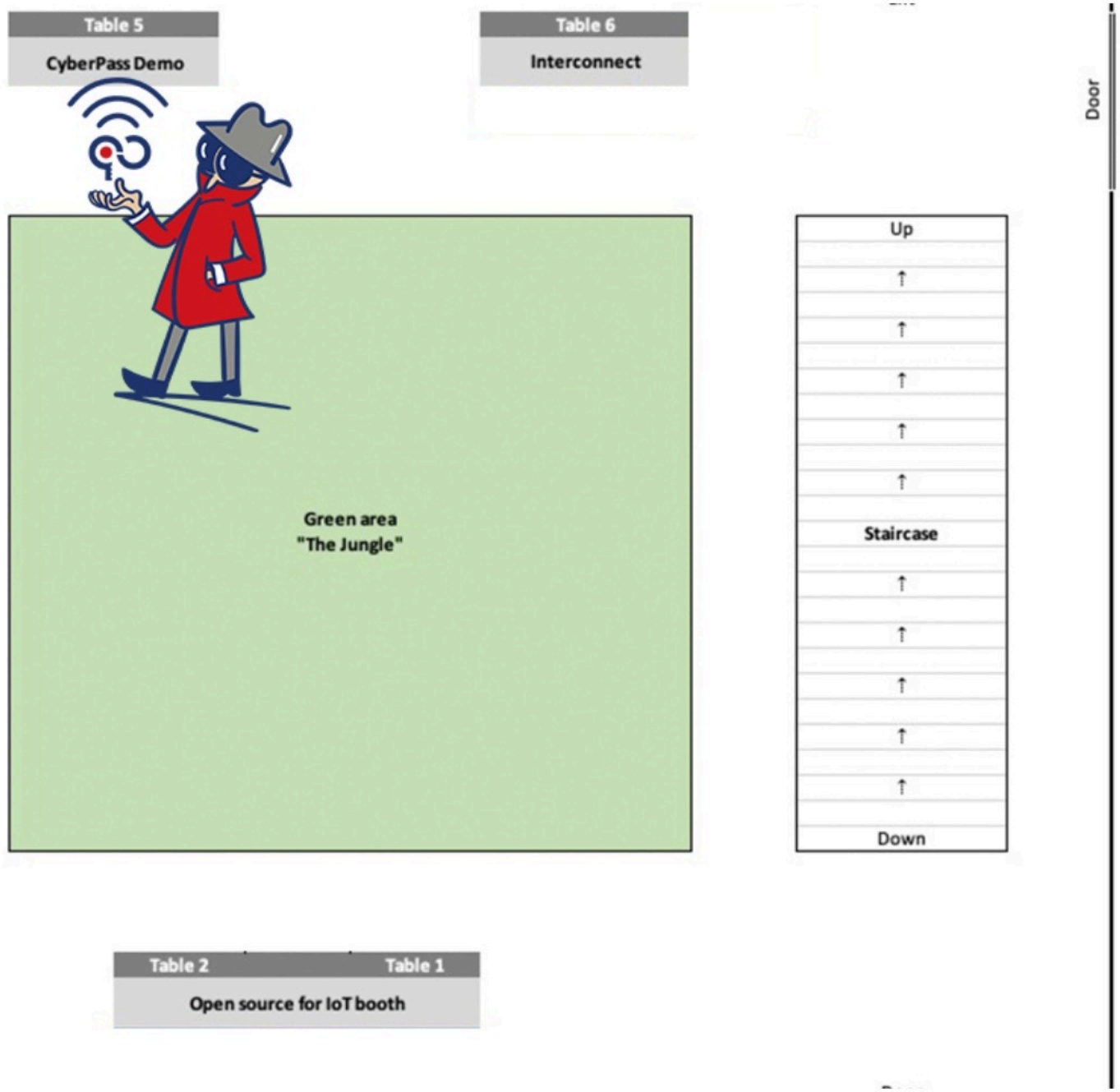

CyberPass Demos

Coffee Breaks

Lunch Time

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Merci

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QUESTIONS ?

THANK YOU