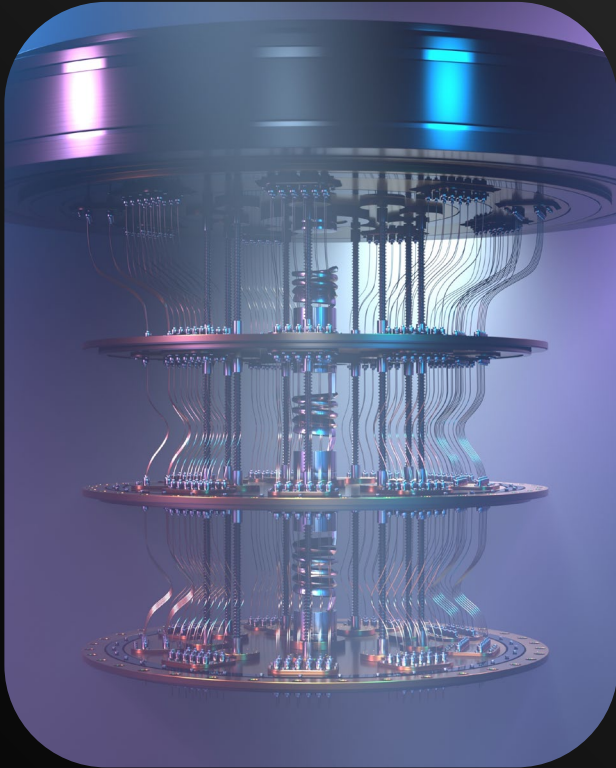


Investors Presentation

August 2025

The Quantum Computing Threat: Are you ready ?



- ◆ Quantum computers progressing fast (Google, IBM...)
- ◆ Threaten RSA/ECC encryption: Credit Cards, Passports, Bitcoin...
- ◆ “Harvest Now – Decrypt Later”
- ◆ IoT systems deployed today without PQC will be vulnerable tomorrow
- ◆ NIST’s 2024 quantum-safe standards (ML-KEM, ML-DSA) drive new regulation & mandates
 - ◆ Executive Order 14 144: Fed Agencies to adopt PQC & TLS 1.3 by 2030
 - ◆ CISA will list products to be “PQC ready” by Dec 2025

What we do: End-to-End Quantum Proof Digital Security

We Design & Provide



**(Quantum resistant)
Secure Chips**
used to store,
protect & encrypt...



**...Compliant
Certificates &
Keys**
that serve as
device IDs,



**And all the
tools/services**
to issue, provision
& manage them
from factory to
field.

To ensure



Authenticity

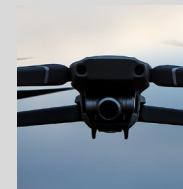


Integrity



Confidentiality

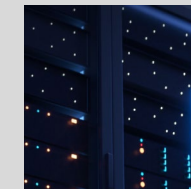
For



Connected Devices



People



Applications

**Granting Compliance with most
industry standards & public labels**



Who we are



Fabless Semiconductor Company

- ◆ ~200 employees, primarily focused on R&D
- ◆ Catalog product, On-Demand Design & Supply, and Test & Perso



Leader In Quantum Resistant Solutions

- ◆ Pioneer in Post-Quantum Cryptography (PQC) – Sampling today!
- ◆ 1.7+Bu shipped, Legacy of WISeKey S/C, INSIDE Secure, Atmel



Part Of Wisekey Cybersecurity Group

- ◆ Swiss Cybersecurity Group with Global PKI & Trusted Services
- ◆ Digital Identity, IoT-to-IoT Transaction, Satellite constellation



Differentiated Technology Portfolio

- ◆ From IP to IC/Chips to Chiplet-based secure architectures Serving all verticals and high-stakes sectors
- ◆ 118 security-related patents.



Vision & Momentum

- ◆ Enabling Hardware-based Security for a quantum-resilient future
- ◆ ~\$450m market cap (*), Cash position \$120m (*)

(*) NASDAQ (LAES) As of June 30, 2025

Key Figures

SEALSQ Corp.

Established 1998
(acquired by WISeKey, parent company of SEALSQ in 2016 and reorganized in 2022)

Headquarters France

Employees ~70 total
~25 R&D focused

Client base 30+ countries

Patents 118 security related

Certifications



Data as of June 2025

Nasdaq listed May 2023

Ticker symbol LAES

Shares Outstanding

Ordinary Shares 121.8 Million**

F shares * 1,499,800

Stock price \$4.42/share

Market cap \$551 million

* In terms of dividend rights, 1 F share is equivalent to 5 Ordinary shares

** Data as of June 11, 2025

**SEALSQ designs, produces and sells
Semiconductors, PKI Services and Post-Quantum technology products**

What we sell

**Secure
Microcontrollers**

**Post Quantum
Chips**

Secure ASIC

**On Premise
PKI
infrastructure**

**Post Quantum
Root of Trust**

**PKI & Code
Signing as-a -
Service**

**Custom chip
design (ASIC)**

**Personalization
& Test**

Typical Markets & Customers



IP PROTECTION



SMART GRID



INDUSTRY 4.0



HEALTHCARE



SECURE STORAGE



SEALSQ is a WISEKey Company



SMART HOME



AUTOMOTIVE



MILITARY & GOV.



Key Differentiators



Post-Quantum Technology

First to launch Quantum-resistant chips + post-quantum RoT & PKI



Security Expertise

Unique 25 years semiconductor expertise focusing on secure products & services



End-to-End

Only player offering full Security Stack from Root-of-Trust/PKI services to Hardware Secure Elements



Fully Accredited

PKI Certificates, Chips, Design process & Test Environments compliant with major Industry & Security standards



Customization/ASICS

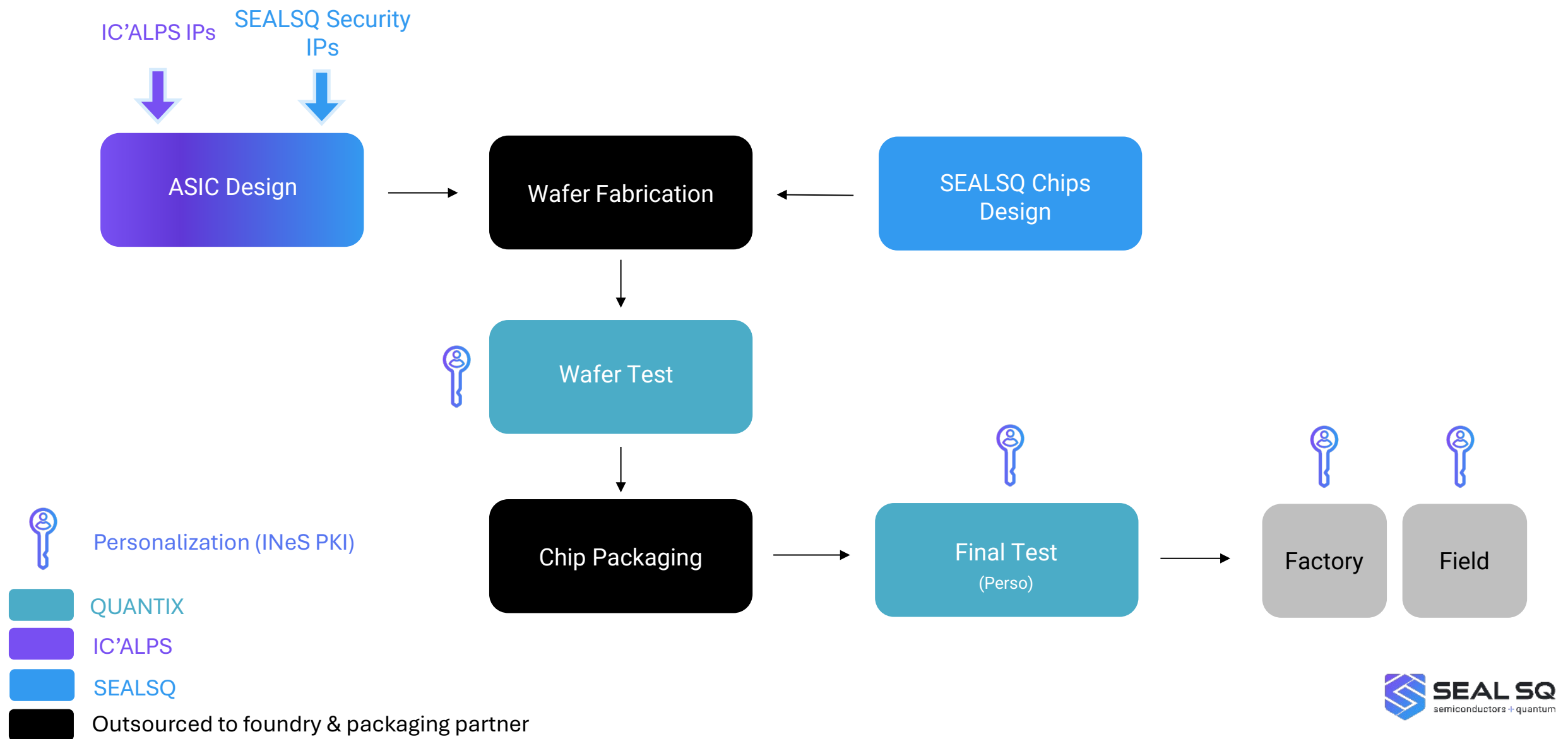
Design AND supply of tailor-made chips to meet specific performance and security needs of large clients.



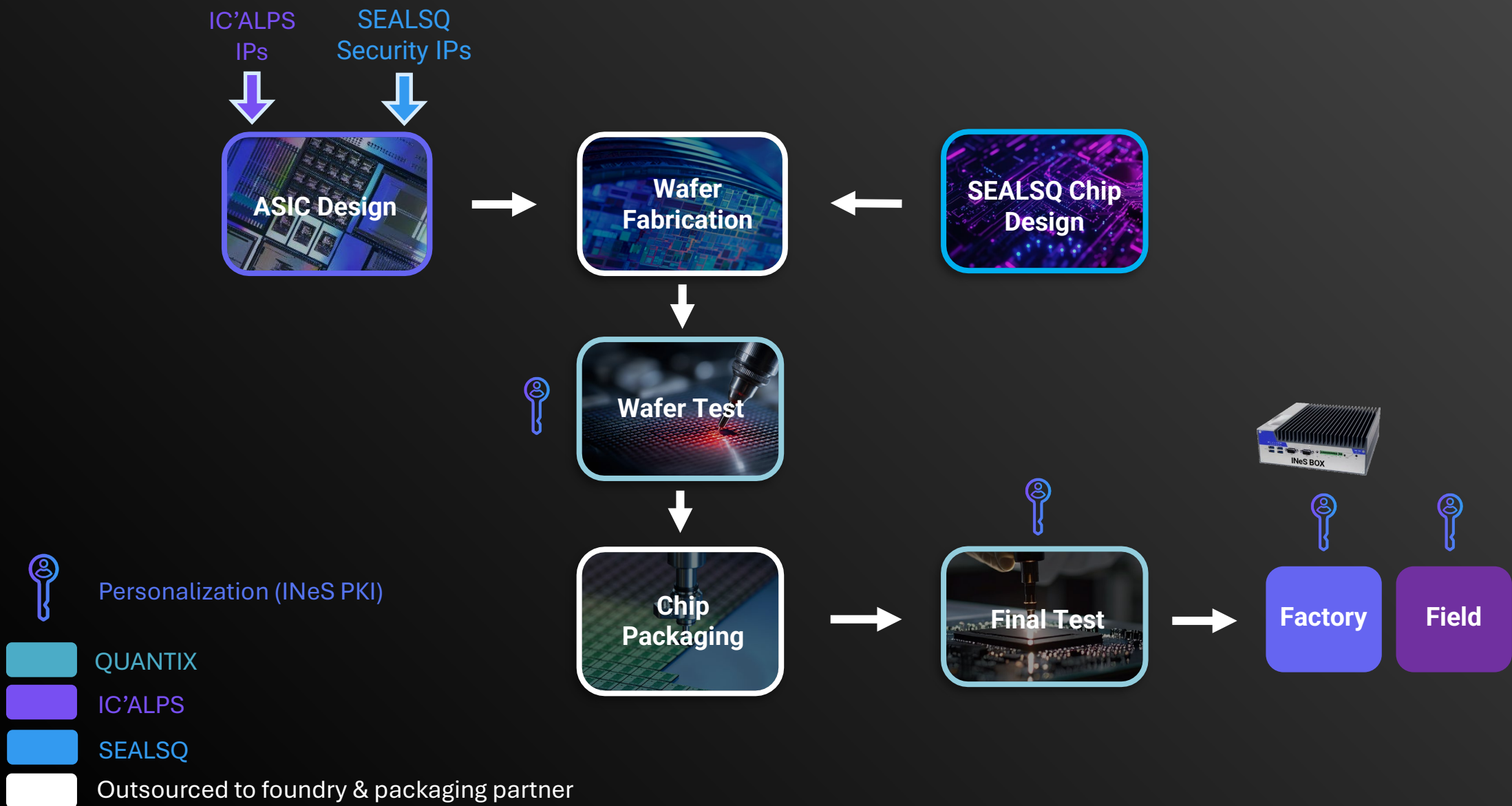
Personalization & Test

Test & Personalize chips with IDs and Data in a certified trusted environment

An End-to-End Value proposition



An End-to-End Value proposition



Major Strategic Initiatives



Post Quantum Program

**Custom & off the shelf
quantum resistant
semiconductors**
Commercial launch in 2026

OSPT Centers

**High-performance chip
design & customization
centers in EU (starting 25),
UAE (signed), INDIA**

Investment in Quantum & Tech Companies

**30M\$ Fund to invest in
Quantum & Tech
companies**
(2 investments completed)

Satellite Connectivity

**Cost-effective IoT
solutions for industrial
applications**
(Satellites launched in
June)

Highlight on SEALSQ's Quantum Resistant Offer (QUASAR)

SEALSQ is pioneering the market with a Quantum Resistant suite offering the highest level of certifications

- ◆ Q1 2025: A Quantum Root-of-Trust
- ◆ Q2 2025: PKI services using NIST Post Quantum Cryptography
- ◆ Q4 2025: Quantum Resistant Semiconductors & security IP blocks to include in custom secure chips



Protection from
logical & physical
attacks



Platform Integrity
(hardware &
firmware)



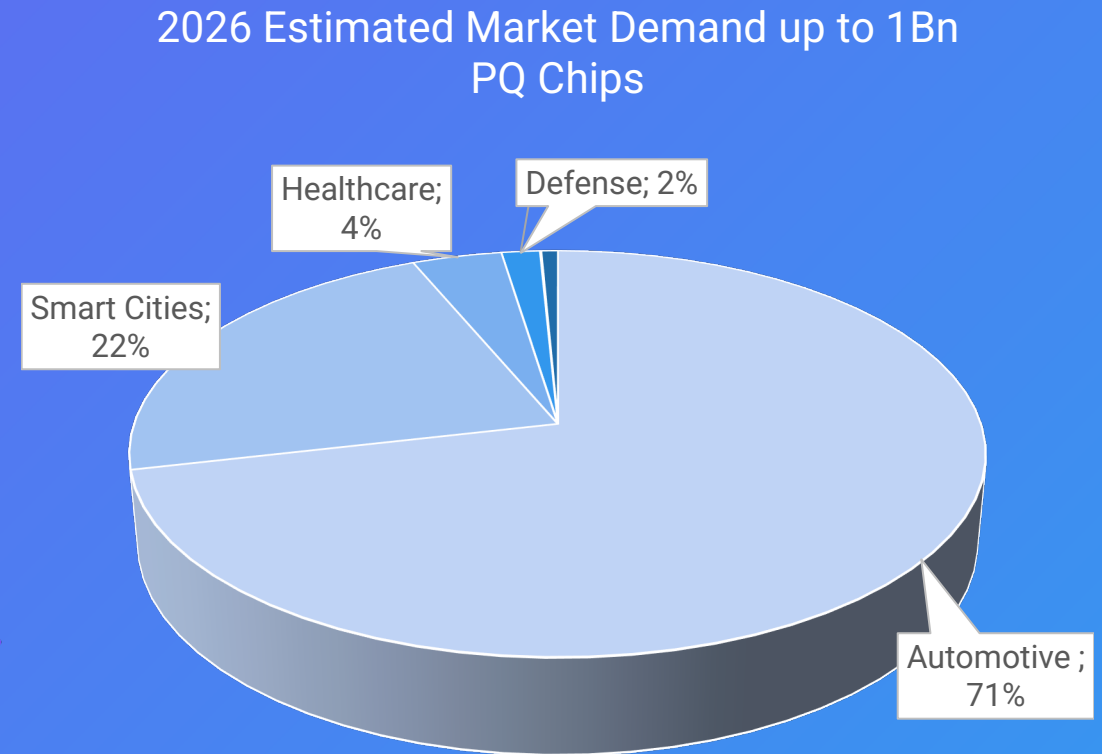
Unique
& verifiable
System identity



Safeguard & manage
cryptographic
keys & certificates

A Multi-Billion Unit Market

- ◆ TPMs/ Secure elements/ HSMs/Secure ASICs embedding PQ algorithm
- ◆ Quantum Resistant certificates (PKI)



Dive-in: Test & Personalization centers

◆ Full-stack Semiconductor Provisioning & Test centers

- Trust Center for generation of digital identities (keys & certificates)
- Wafer Testing & Final Test
- Data Injection & Secure Personalization

◆ Projects:

- Signed & starting 2025: EU (Murcia, Spain) - SEALSQ/ODINS/SETT Joint Venture (€40M)
- Signed: UAE (Abu-Dhabi) – SEALSQ/AJYAL Joint Venture (\$100M)
- In progress: INDIA, US.

◆ Government-Backed Investments

- 19.6m€ from Spanish Government via SETT
- 100 m\$ from UAE through AJYAL

◆ Immediate Revenue for SEALSQ

- Professional Services charged from year 1
- IP Licensing model as recurring revenue

IC'ALPS Acquisition Strengthens ASIC capabilities

- ◆ 90+ experts in 2 R&D centers focusing on ASIC/SoC Design & Supply
- ◆ EU leader on demanding markets: medtech (incl. ultrasound), automotive & security
- ◆ EU / French sovereignty for sensitive apps (Defense, Healthcare, Gov)
- ◆ Listed as recommended design partner by major foundries (TSMC, Intel, Xfab, OSRAM, GF)
- ◆ Covers all technologies: Analog / Digital / Mixed -signal down to 1,8 nm
- ◆ Strong synergies: Customer portfolio / Supply Chain/ Secure ASICS / Security IPs



Security



Healthcare



Mil/Aero



Environmental



Automotive



Industry 4.0



IoT/AI

Dive-in: Secure Satellite Connectivity

Current Problem

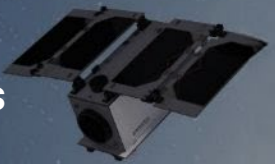
Costly connectivity gap for a growing number of connected devices.

- ◆ ~80% Terrestrial connectivity gap
- ◆ +25B IoT connected devices (2030)
- ◆ Costly, Inefficient & Complex
- ◆ Current solutions

Solution

Over 20 new next-generation satellites launched.
& More to come...

Each satellite will feature incremental advancements in post-quantum cryptography and secure communication technologies.



FY 2024 Financial Overview

As expected, **2024 was a transitional year** given:

- Excess inventories at legacy customers
- Customers and prospects awaiting availability of next-generation chips
- Impact of global economic slowdown

FY 2024 performance was reflected of this slowdown, but also of the resilience of SEALSQ to adapt to ever changing technology standards.

The Company is well positioned to capitalize on pre-shortage demand from legacy customers and new business opportunities, expected to materialize in 2025.

\$11M
Revenue
FY 2024

\$85M
cash reserve
at December 31, 2024

Entirely clean
balance sheet
no warrants / no convertible debt

\$5M
R&D Investments
In FY 2024
\$7.2M planned for FY 2025

2025 Outlook

Bookings +80%
vs. same time in prior year

\$93M pipeline
Potential contracts

>80 active engagements
On new post-quantum TPM product opportunities

OSPT projects
2 projects signed in 2025

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