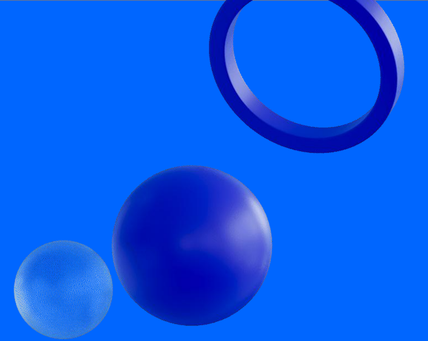
Future of SOCs

Cyberdefense in the age of AI



Our Speakers

Alejandro Ramos

Cybersecurity Director at Telefónica Tech

Telefónica Tech

Javier Galindo

Chief Information Security Officer (CISO) at Moeve

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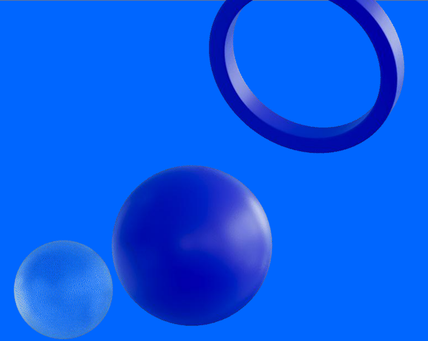
The SOC of the Future has been redefined by

AI and automation



Main challenges

In the evolution towards the SOC of the future

Cyber breaches

4.4M

Global average cost of a data breach

Source: IBM Cost of a Data Breach Report 2025

Multi-cloud environments

86%

Use of multi-cloud and 77% hybrid infrastructures

Source: State of the Cloud Report 2025 - Flexera

Talent shortage

4.8M

Unfilled positions in cybersecurity

Source: ISC2 Cybersecurity Workforce Study 2024

Manual processes

+90%

Of SOCs still rely on manual processes

Source: Incident Response 2024 – Unit 42

Increasing regulatory and compliance pressure

Compliance with frameworks such as GDPR, NIS2, CRA and ENS is expanding reporting and visibility requirements

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Moeve's businesses in the world

We are a leading international company committed to sustainable mobility and energy

Trading

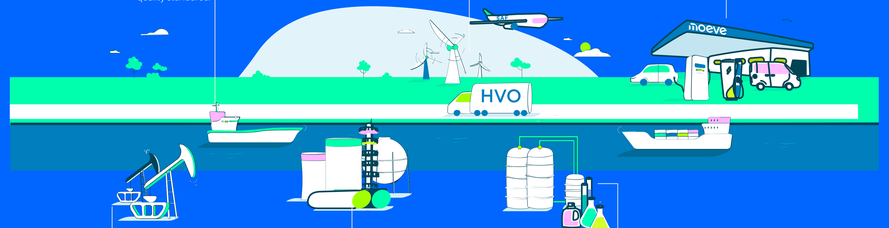
We supply and market energy products globally, optimize energy assets and contracts, and manage our maritime fleet to ensure high quality standards.

Commercial & Clean Energies

We support clients' decarbonization through large-scale green energy solutions and distribute fuels and biofuels across aviation, road, and maritime sectors.

Mobility & New Commerce

We provide tailored multi-energy mobility solutions through our retail network, advancing road transport decarbonization with ultrafast EV charging and renewable diesel.



Exploration and Production

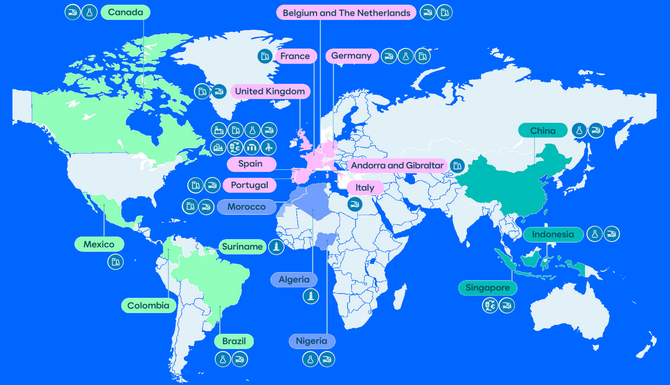
We explore, locate, and extract oil and natural gas, both onshore and offshore.

Energy Parks

We transform crude and renewable feedstocks into final products, developing innovative renewable solutions to decarbonize our operations and other industries.

Chemicals

We produce and market chemical products, including sustainable plant-based alternatives, helping customers reduce their carbon footprint.



- Chemicals
- Exploration & Production
- Energy Parks
- Gas and Electricity
- Trading
- Corporate
- Distribution and marketing of chemical products
- Distribution and marketing of energy products
- Renewable energy generation

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Moeve's Positive Cybermotion

To strengthen the management of the company's technological risks, ensuring the cybersecurity posture of the group

For Moeve, adopting the SOC of the future means

Securing critical IT/OT environments, optimizing and enhancing operational processes, reducing execution times and manual interventions

- **Reducing risk in high-impact scenarios**
- **Achieving end-to-end visibility & control**
- **Securing IT/OT specifics with synergies**

From reactive defense to proactive resilience

Moeve's vision
of the SOC of the future

01.

Make **cybersecurity** a continuous exercise in measurable, real risk reduction, not an endless patching race.

02.

Integrating AI and ML models into SOC tools to optimize operational processes.

03.

Incorporating Generative AI-based solutions and prompts/promptbooks that facilitate recurring tasks.

04.

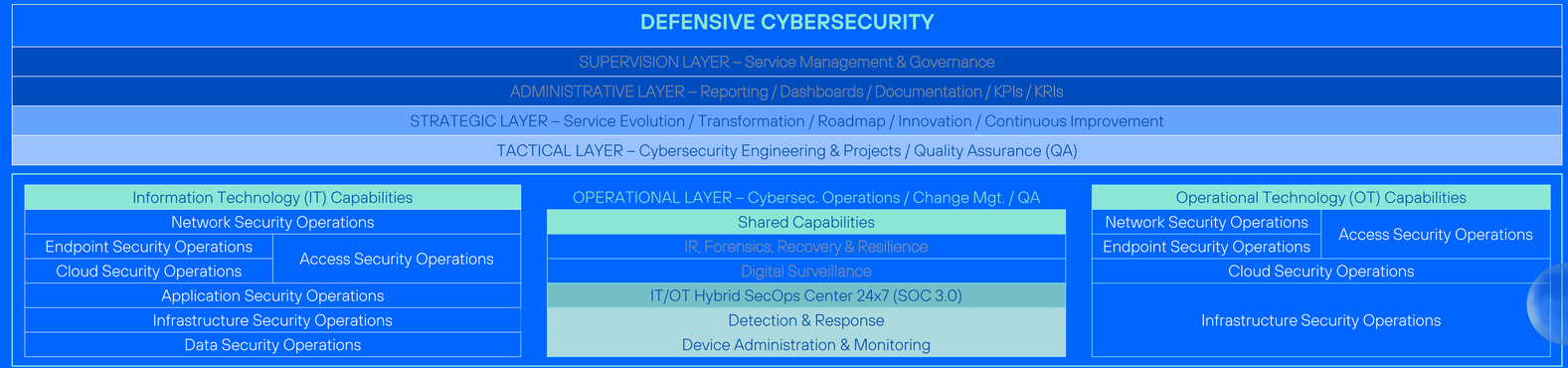
Integrating security and compliance controls into the data handling processes.

05.

Driving continuous improvement in the machine learning capabilities of SOC platforms.

From reactive defense to proactive resilience

Moeve's vision
of the SOC of the future



Building resilient SOC operations in the AI era

Facing overcoming threats

01.

Visibility is the foundation of cyber defense

02.

Breaking security silos improves SOC performance

03.

AI-augmented detection reduces noise and enhances expertise

Driving the SOC of the future

Through integrated services, AI-augmentation and operational excellence

01. Building a Threat-Centric & Risk-Driven SOC

02. Operating an AI-Augmented & Human-Led Model

03. Industrializing Security as a Managed Service

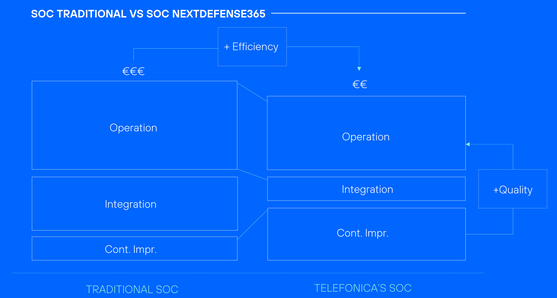
Three pillars of transformation that generate synergies

Strengthen our commitment,
and drive continuous improvement

Integrated Security Data & Platforms
Eliminating silos and unifying telemetry

AI Fabric & Advanced Analytics
Contextual reasoning and intelligent prioritization

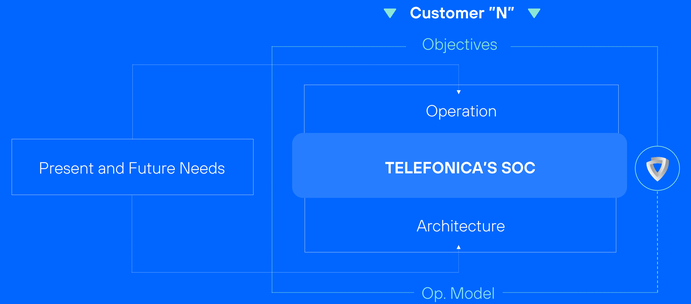
End-to-End Security Processes
From exposure to response under one governance model



01. Unified visibility
02. Risk-based prioritization
03. Supervised automation
04. Measurable outcomes
05. Focus on SLAs and quality
06. Proactivity and improvement

Delivering Business Resilience Through Telefonica Tech Integrated Security Services

A unified portfolio adaptable
to your SOC operating model



Telefónica Tech **Our capabilities**

Govern	Outcome-Driven Security Management
Prevent	Exposure & Risk Management
Protect	Integrated Zero-Trust & Secure Connectivity
Respond	AI-Augmented Managed XDR

Identity, Asset & Process Integration

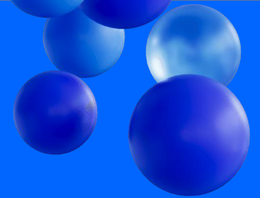
AI/ML Adoption & Hyperautomation

Unified Platforms & Security Data-Lake

Cyber Security Technology Management & Consulting

The SOC of the Future must operate with maturity at scale

Across all environments, operating models and levels of risk exposure



Modularity and adaptability

Seamless integration across dedicated, shared and co-managed SOC

Operational quality consistency

Standardized processes, global KPIs and outcome-driven governance

E2E Cyber Security governance

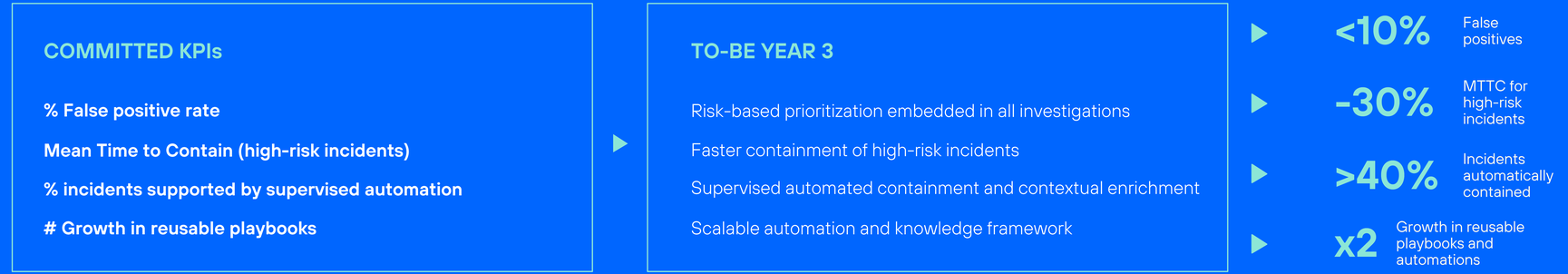
From exposure management to response under one integrated operating model

Continuous evolution

Progressive automation and continuous risk reduction

A results-oriented delivery model KPIs of the organization's SOC

Measuring impact on risk, response and operational effectivenes



Benefits of Future of SOCs

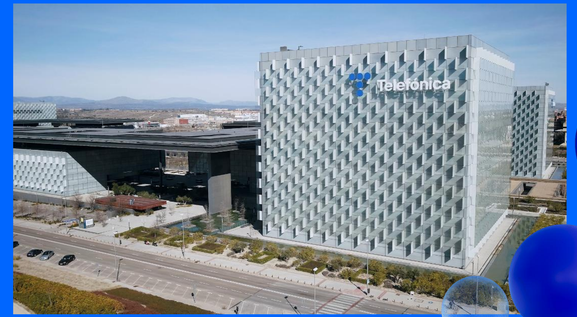
AI allows to reduce the average detection time to 10 seconds and the average response time to 1 minute

Source: Unit 42 Incident Response 2024 Report

- Governance
- Security Posture
- Platform approach
- Cloud First Enable
- Detection surface
- Quality
- Cost efficiency
- Faster recovery
- Faster containment

Is your SOC ready for today's threats — and tomorrow's?

A truly holistic SOC, beyond technology



Powered by experience, scaled by AI

Open, flexible and future-ready by design

Telefónica Tech's SOC is ready for both


Telefónica