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How MAIRE Group Boosted Cyber Resilience and Cut Costs with Cyberbit

Securing a Strategic Edge with Cyberbit

MAIRE Group transformed its cybersecurity capabilities using the Cyberbit platform, achieving cost savings, reduced risks, and heightened operational readiness. A significant marker of this improvement was MAIRE's team performance in a global competition involving CERTs and SOCs from around the world. Competing against over 100 participants, MAIRE secured 4th place in its very first participation. This accomplishment serves as a tangible indicator of the enhanced skills and critical thinking abilities that Cyberbit fostered within the MAIRE team.

About **MAIRE Group**

Established
November 2007

Multinational
Operates in 50 countries, with over 9,000 employees

Industry
Technology, engineering, & construction

The Path to Excellence

Challenge
Manual, resource-intensive cyber training methods that were time consuming, difficult to scale as threats evolved, and inconsistent across team members.

Solution
Cyberbit's skill development and operational readiness platform.

Results
Significantly improved its incident response and operational cyber readiness.

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Overview: The Race to Build an Elite Team

As a leader in the natural resources transformation sector, MAIRE must ensure its incident response capabilities and aimed to significantly improve the readiness and effectiveness of its cybersecurity team in handling real-time threats. With a dynamic and evolving threat landscape, traditional training methods were no longer sufficient. It needed a solution that offered continuous, realistic skill development and immersive experiences that could replicate current and emerging cyber threats. After extensively researching and exploring multiple cybersecurity skill development platforms, MAIRE concluded that, despite the merits of these different platforms, none matched the complete and granular approach provided by Cyberbit. Cyberbit stood out to MAIRE because of its comprehensive approach to skill development, the granularity and customizability of its skill development modules, and its advanced simulation capabilities. These unique attributes resulted in MAIRE adopting the Cyberbit platform, which has transformed the way the company prepares for and responds to cybersecurity incidents.

Challenges: Manual, Resource-Intensive, Unscalable Skill Development

Before implementing Cyberbit, MAIRE's skill development methods were manual and resource intensive. Customizing and executing cyber exercises required significant time and effort, making scalability difficult. As the organization grew, these manual methods became increasingly inefficient, and it was clear that it needed a more automated, consistent, and scalable solution to upskill its cyber defense team effectively.

Key Challenges:

Time-consuming manual setup of exercises.

Limited scalability as threats evolved.

Inconsistent training across team members.

The Solution:
Why MAIRE Group Chose Cyberbit

To address these challenges, MAIRE sought a more agile and comprehensive skill development platform that would ensure its team was not just reacting to threats but was also a step ahead in readiness and response capabilities. Cyberbit stood out among other cybersecurity skill development solutions due to its all-encompassing and immersive platform, offering advanced simulation capabilities that closely replicate real-world cyber threats. The platform's ease of use, responsive support team, and ability to create customized learning paths aligned perfectly with MAIRE needs.

> When we began searching for a cybersecurity training solution, we evaluated several other vendors alongside Cyberbit, including Immersive Labs, Hack the Box, and others. Despite the merits of these platforms, none matched the complete and granular approach that Cyberbit provided.
>
> **Andrea Licciardi**,
> Senior Cybersecurity Manager
> MAIRE Group

Unique Cyberbit Features:

1. **Comprehensive Skill Development:** Cyberbit offers an extensive range of scenarios, covering various cybersecurity topics and providing realistic skill development that's crucial for both technical and decision-making skills.
2. **Customizable Learning Paths:** Cybersecurity skill development modules are tailored to MAIRE's specific threat environment, ensuring its team's preparation aligns with real-world challenges.
3. **Advanced Simulation Capabilities:** Immersive simulations mirror actual threats, providing realistic environments where MAIRE's team can practice incident response.

The Impact of Cyberbit

Since integrating Cyberbit into its upskilling program, MAIRE's incident response capabilities have dramatically improved. The team's ability to handle complex cyber threats with reduced response times and increased efficiency has directly contributed to the organization's improved security posture.

> We continue to keep our team sharp and prepared through unexpected live-fire exercises. These exercises, facilitated by Cyberbit's realistic and dynamic scenarios, not only keep the team engaged but also allow us to assess their readiness and response strategies under pressure. The hyper-realistic incidents provided by Cyberbit play a crucial role in these exercises, ensuring that our team is not just trained but truly battle-ready."
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> **Andrea Licciardi**,
> Senior Cybersecurity Manager
> MAIRE Group

Key Results

- **Reduced Incident Response Time:** Practicing on the Cyberbit platform has significantly decreased the time required to detect, manage, and resolve incidents.
- **Improved Incident Management Quality:** Teams are now more proficient in managing incidents, demonstrating better strategy and execution.
- **Enhanced Adaptability:** Team skill development is always up to date with the latest cybersecurity best practices because of feedback incorporated into the Cyberbit platform.

Business Benefits

Cyberbit has delivered measurable improvements in MAIRE's operational readiness and cybersecurity resilience. The organization continuously tests and refines its response strategies with live-fire exercises provided by Cyberbit, which ensures that its team remains agile and prepared for emerging threats. This not only significantly reduces damage and loss but also provides a substantial return on MAIRE's investment in Cyberbit.

Key Performance Improvements:

- **Faster Response Times:** Incident resolution time has decreased, minimizing potential damage and loss.
- **Cost Savings:** Quicker and more effective incident management, leading to lower financial impact during cybersecurity incidents.
- **Compliance and Risk Reduction:** The platform helps MAIRE meet regulatory compliance requirements, reducing risks associated with cybersecurity breaches.

Overall Results

By adopting Cyberbit, MAIRE not only enhanced its cybersecurity team's skills but also fortified the entire organization's resilience against modern cyber threats. The investment in skill development on the Cyberbit platform has proven to be a strategic advantage, delivering substantial returns in terms of cost savings, risk reduction, and operational readiness.

Reflection: Why Organizations Should Consider Cyberbit

In today's fast-evolving cyber landscape, constant preparedness and proactive defense are critical. Cyberbit offers organizations an advanced simulation and skill development platform that helps teams stay ahead of emerging threats. Its ultra-realistic scenarios enable teams to practice and hone their skills continuously, ensuring readiness when real incidents occur.

Additionally, Cyberbit's platform supports organizations' Environmental, Social, and Governance (ESG) efforts by improving incident response efficiency and transparency, which strengthens governance practices and bolsters stakeholder confidence.

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In the fast-evolving landscape of cybersecurity, the ability to manage and respond to incidents swiftly and effectively is paramount. Solutions like Cyberbit provide organizations with sophisticated training platforms that significantly improve their cybersecurity teams' response times and overall readiness.

Andrea Licciardi,
Senior Cybersecurity Manager
MAIRE Group

About Cyberbit

Cyberbit provides the world's leading on-demand/on-prem cyber range for developing operational cyber readiness. The platform dramatically improves information security team performance, optimizes hiring processes, and accelerates the onboarding process for new hires, by delivering a hyper-realistic simulation of real-world threats, within a virtual SOC. The Cyberbit platform combines several capabilities: an advanced cyber range for live-fire team exercises, individual ActiveLearning exercises for hands-on, individual skill development, and a cyber crisis simulations for executive teams, replacing conventional tabletop exercises. All exercises are aligned with the MITRE ATT&CK Framework, and with the NICE Cyber Security Framework, and provide CPE credits on (ISC)2. The Cyberbit platform serves over 1,000,000 exercises every year and is used by the world's largest financial institutions, health care providers, global system integrators, government and military organizations, and higher education institutions.

About MAIRE

MAIRE S.p.A. is a leading technology and engineering group focused on advancing the Energy Transition. We provide Integrated E&C Solutions for the downstream market and Sustainable Technology Solutions, the latter through three business lines: Sustainable Fertilizers, Low-Carbon Energy Vectors, and Circular Solutions. With operations across 45 countries, MAIRE employs over 9,300 people, supported by a global network of 20,000 project partners. MAIRE is listed on the Milan Stock Exchange (ticker "MAIRE").

For further information: **www.groupmaire.com**