# The World's First Plug & Play Cyber Security BlackBox

Automatic

Protection IT & OT

Complementary

Internal

Blockchain

Privacy

**LECS** is the world's first innovative Plug & Play cybersecurity device that protects any LAN network, infrastructure and industrial plants from the most dangerous cyber attacks and threats with a patented countermeasure system. LECS is a complementary IPS/NDR-derived technology that complements and adds a significant security layer to your existing measures, thus significantly improving your Cyber Security posture

## Blackbox

- **Analyze**
- **Response**
- **Register**

**LECS** is not directly attackable, unlike other configurable systems that often expose PPS, such as firewalls or other ecosystems. It acts as a true black box with the addition of **active countermeasure actions.**

## AI at the service of Lecs

LECS uses innovative techniques beyond the current state of the art. It uses a chain of **3 different engines** to analyze a single threat, thus being able to perform advanced detection of dangerous and invisible lateral movements.

- **SPECTO Detecton Engine**
- **TIRESIA Ai Analysis**
- **RAISES Autonomous Response**

**Simplified control and visualization**

LECS automatically highlights the salient events. It uses a natural language interface, unique in the world, that extracts the most important data thanks to Machine Learning.

**Advanced Multi-Tenant Control for IT/ OT Manager**

It goes deep into the network, enabling SOC/NOC managers to monitor all technical and debugging aspects with the support of Artificial Intelligence.

## 10 minute installation

Wide response capacity, both preventive during the Reconnaissance phases and responsive during lateral and Exploit movements.

**Connect it to the network**

**Register it on the Dashboard**

**Installation completed, safety guaranteed**

## Lecs is already active !

**Network Defense**
24/7 monitoring, device protection, attack prediction, active countermeasures.

**Notarization**
LOG events with private blockchain for threat traceability, certification, regulations and insurance purposes.

**Network Control**
Check the statuts of any online devices, thanks to network behavior analysis and automatic updates.

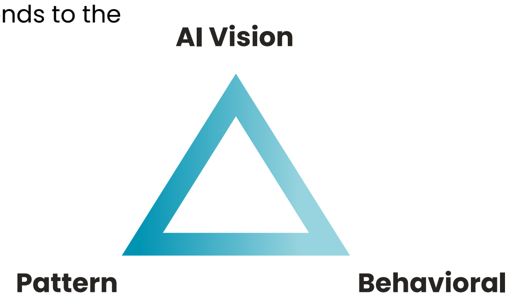
# How LECS work:
# Detection & Response

By biunivocally combining all possible types of detection, we obtain an optimized dynamic monitoring system that analyzes and responds to the threat.

## Ratings and false positives

Unlike purely AI-based systems, each layer of these engines impacts the threat score with different metrics, thus reducing the number of false positives to minimal levels.

Statistically, to date, LECS after more than 4 and a half years in production environments has reported no false positives for critical levels.



**+ 20%** of monitored hosts compared to existing solutions

**+ ∑(hosts traffic)** + 550% of analyzed connections

**- 87%** False Positives in the LOGS

**+ 10** types of anomalies per time unit

✓ Plug & Play

Countermeasures unique energy

✓ Actively protect your IoT and Ind. IoT devices

✓ Complementary stealth, capillary and stealth approach

✓ Physical storage from the LOG

Intuitive Dashboard

✓ Internal protection innovative

Blackbox Approach

✓ Parallel installation, without interruptions

## Why is it so unique?

| **Characteristics** | **Competitor** | **LECS Technology** |
|---|---|---|
| Implementation Time and Difficult | Complex and time-consuming. Often causing production blocks and requiring long hours or full working days. | Fast setup in 10 minutes, with no prodution downtime. Can be installed in parallel, ensuring continuous operations even during breakdowns. |
| Plug & Play | NO | YES |
| Network Protection | Protects only devices with operating system | Provides complete protection for all types of devices, even those without an operating system. |
| Military-inspired Air-Gap | NO | YES |
| Maintenance and Implementation | Expensive and complex ecosystems | Simplified and easy implementation and maintenance |
| LOG Management | Cloud-only solution, difficult to interpret. | High resilience, local & Cloud solution. Easy to interpret and analyze logs thanks to AI. |
| Additional Features | NO | YES, it includes a network and security control system in a single Box |
| Scalability and Modularity | Very difficult to scale and adapt. | Device for every type and size of company & environment. Scalable and easily integrable with SIEM or SOAR via API. |

LECS is a product of
Cyber Evolution S.r.l.
Via Erasmo Mari 57/s
63100 Ascoli Piceno

Tel: +39 0736 652614 Mail:
info@cyberevolution.it Web:
https://lecs.io