

NOESIS DELIVERS AI BASED CYBERSECURITY SOLUTION TO A GOVERNMENTAL ORGANIZATION

Today's organizations main challenges are technology and security related, as cyber-threat dramatically evolves, demanding the adoption of disruptive solutions. Noesis implemented Darktrace's cybersecurity platform, built with Artificial Intelligence and Data Machine Learning embedded, to detect threats in real-time.



Sector:
Public & Non-Profit

Business Unit:
Cloud & Security

Solution:
Darktrace Enterprise Immune System



2
Consultants



30k
Devices



1 Day
Installation & configuration



1 Day
Training



THE CHALLENGE

Cyber-crime has been hugely growing in quantity, complexity and diversity and cyber-defence has to anticipate and overcome cyber-threats in a ground-breaking way.

Governmental Organizations, with a vast amount of critical data are regularly threatened and need to count on the best cyber-security solutions to keep their critical data and systems safe.

Built with Artificial Intelligence and Machine Learning embedded, Noesis implemented **Darktrace's Enterprise Immune System**.

GOALS

The goal for this project was to implement a self-learning AI solution, with Machine Learning capabilities, in order to detect novel attacks and insider threats.

The solution answers three main goals:

- Effective cyber-security risk mitigation;
- Visibility and traceability;
- A better and timely action upon any security misconfiguration.

SOLUTION

Noesis delivered the world's leading autonomous cyber defense platform, The **Enterprise Immune System**, from **Darktrace**.

The **award-winning Cyber AI**, embedded with **Machine Learning**, learns from the organization constantly changing digital environment and build an understanding of the organization's 'pattern of life', understanding every user, device, and all the complex relationships between them.

The self-learning mechanism allow organizations to detect advanced attacks at an early stage.



Noesis is an international tech consulting company offering services and solutions to support clients in digital transformation and the development of their businesses. In order to obtain sustained value that is transversal to all sectors. Noesis is focused on infrastructures, software, quality and people. The organization is based on highly specialized talents, operating in nine business units and six countries Portugal, Spain, the Netherlands, Brazil, Ireland, and the USA. Since 2020 Noesis has joined Altia, listed on The Alternative Equity Market. With this incorporation, Noesis is now part of an organization with more than 2000 employees, 3 Datacenters and 20 offices.



Powered by machine learning and mathematics developed by specialists from the University of Cambridge, Darktrace works by modeling the behaviors of every device and user, as well as the network as a whole, building an understanding of the organization's 'pattern of life'.

THE RESULT

The internal security and operations team can now monitor unusual activity within the network, safeguarding the organization against potential cyber-attacks and to trace back eventual breaches.

The solution has achieved the following gains:

- AI-driven investigations that reduce time to triage by up to 92%;
- Rapid interpretation and reporting on security incidents characterized by innovative attack techniques that would be impossible to capture with pre-defined playbooks;
- Resources optimization allowing them to focus on the right tasks to address real threats.