Case Study

Profile of the Company

Cyberlink Security Ltd enables their clients to perform their activities safely and securely by providing products, services and knowledge that protect the interests of the organisations and their customers. Cyberlink Security operates internationally out of their offices at Ludgate Hub in West Cork.

Cyberlink Security provides solutions such as: **Penetration Testing**, a simulated hacker attack that identifies and rates the vulnerabilities in your systems. This is one of the best ways to verify your cybersecurity and ensure your resilience.

Training, providing the proper tools to manage your own Cybersecurity. There are both technical and non-technical training courses available to fit your specific requirements.

ISO 27001: Information Security
ISO 31000: Risk Management

Problem to be Solved

Cyberlink Security aim to develop state-of-the-art AI-driven applications for protecting IoT networks from malware attacks. Given the lack of security measures around IoT networks and an increasing number of online threats, the problem at hand is to design a smart cybersecurity platform that can adapt to changing threats in a fault-tolerant, private, and secure manner.
Innovative Solution

Leveraging the research capacity that Nimbus can offer, software was developed to incorporate AI into a novel anomaly detection system using state-of-the-art machine learning algorithms. The research conducted by Nimbus identified appropriate models, metrics and privacy-preservation strategies.

Nimbus also assisted in identifying appropriate funding opportunities for the company and in creating technical but concise grant proposals.

Impact for the Company

The work that Nimbus has done has contributed to developing a Proof-Of-Concept for Cyberlink Security.

Nimbus and Cyberlink Security have developed an honest, open relationship which will lay a solid foundation for any future collaborations.

Client Testimonial

Arthur Donkers
Managing Director, Cyberlink Security

In Nimbus we have found a partner that can help us research new products and services that enable us to better protect the interests of our clients. Together with Nimbus we found the right balance between academic research and pragmatism that make it possible to turn our ideas, through research in real products and services. The flexibility and cooperation with Nimbus has proven to be an essential part in this process.

Nimbus leveraged her knowledge and expertise to research a complex subject, select the best model and solution out of that research, and helped start the development of the initial version of the product.