

Intelligent Network Security | cognitix Threat Defender

Modern Network Security with Artificial Intelligence, Data Analytics and Anomaly Detection in the Network

In addition to the dangers of cyber attacks from the outside, networks are also increasingly threatened from within by advanced persistent threats and zero days. Intrusion prevention systems with threat intelligence offer a solution.

The cognitix Threat Defender from genua goes beyond intrusion prevention. With AI, data analytics and threat intelligence capabilities, it builds a second line of defense in the network to complement your firewall solutions that control and secure data traffic at the interfaces.

The Advantages for you:

Behaviour control thanks to dynamic network segmentation



Recognize the behavior patterns of your network participants and easily assign rules. What is unique is the fact that cognitix Threat Defender also segments on Layer 7 in the device.

Automatic analysis, detection, and response through behavior-based real-time correlation



Recognize the behavioral correlations of data streams in real time and allow cognitix Threat Defender to automatically isolate attacks for you.

AI-based technology for versatile use



Protect your network with the intelligent solution that is flexible applicable in IT and OT.

Intelligent Network Security with Real-Time Analysis, Detection and Response

Play it safe and stay in control of what you're responsible for. Networks are becoming increasingly complex and the requirements for securing them are growing day by day. Reduce complexity with our dynamic threat intelligence.

The new cognitix Threat Defender security platform combines artificial intelligence and data analytics in a unique way: The state-of-the-art technology analyzes your network in real time, automatically detects threats and responds in a smart manner.

Ensure visibility and regain control of your network. Allow the innovative cognitix Threat Defender to do the work for you.

The most up-to-date threat intelligence for precise analyses



Gain instant access to the latest global threat data from numerous external sources.

Asset tracking with real-time analysis



Get an overview of the devices in your network in order to avoid surprises.

Simple monitoring thanks to drill down reporting



Identify attackers and threats in a user-friendly interface with more than 600 interactive diagrams and charts.

High Grade Security | Industrial Firewall genuwall

The Advantages for you:

- State-of-the-art network visibility and security through the unique active security platform with realtime analysis, detection, and response.
- Easy integration within your existing genua solutions at the network interfaces.
- A trustworthy manufacturer thanks to complete product development and production in Germany
- Optimum cost control with needs-based, transparent licensing models for large and small networks.
- Sensible use of the resources of your IT specialists. cognitix Threat Defender is a smart way for administrators to build confidence in the network.
- A wide range of applications from classic corporate networks through to KRITIS and Industry 4.0.
- Intuitive usability of reporting via a web interface.

cognitix Threat Defender in Use: Example of a System Vendor

The challenge:

Having made a new acquisition, a system vendor used cognitix Threat Defender to obtain an overview. To this end, Threat Defender was attached to a mirror port at the main switch in order to passively observe what was going on in the network.

The findings:

Among other things, cognitix Threat Defender discovered a misconfiguration in the synchronization of the Microsoft Active Directory Servers, which were responsible for 50 % of the overall network traffic but had not restricted ongoing operations to such an extent as to render the misconfiguration noticeable. Moreover, cognitix Threat Defender didn't just recognize five devices as expected, but more than 20 devices per person in the productive and guest network. Thus, the customer was able to exclude unauthorized devices such as private cell phones from the productive network.

The result:

cognitix Threat Defender will now remain permanently in the customer's network. For the service provider this will make their work considerably easier, and for the company it means optimal security.

About genua

genua GmbH is a German IT security specialist. They have been involved in securing networks and developing sophisticated security solutions since the company was founded in 1992. They offer a comprehensive portfolio:

- securing sensitive interfaces in public authorities and industry to networking highly critical infrastructure.
- reliably encrypting data communication over the internet
- remote maintenance systems for machinery and IT systems
- remote access solutions for mobile users and home offices.
- Their solutions are developed and produced in Germany and many companies and security-conscious public authorities rely on solutions from genua to protect their IT.
- genua is a member of the Bundesdruckerei Group. Further information: www.genua.eu

About Qgenius Cybersecurity Shield (QGCS)

Qgenius Cybersecurity Shield is Qatari iT-company and Service Provider based in Doha, with the excellent Security Solutions and Products developed and manufactured by Genua GmbH in Germany. As an authorised Partner of Genua GmbH we provide in cooperation the leading iT-Security Solutions for Companies, Industry, Public Authorities and Government for Qatar.

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