

Stop Network Attacks with AI and Data Analytics

cognitix Threat Defender: Security Defined Networking

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 Benefits for You



Behavior 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.



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

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



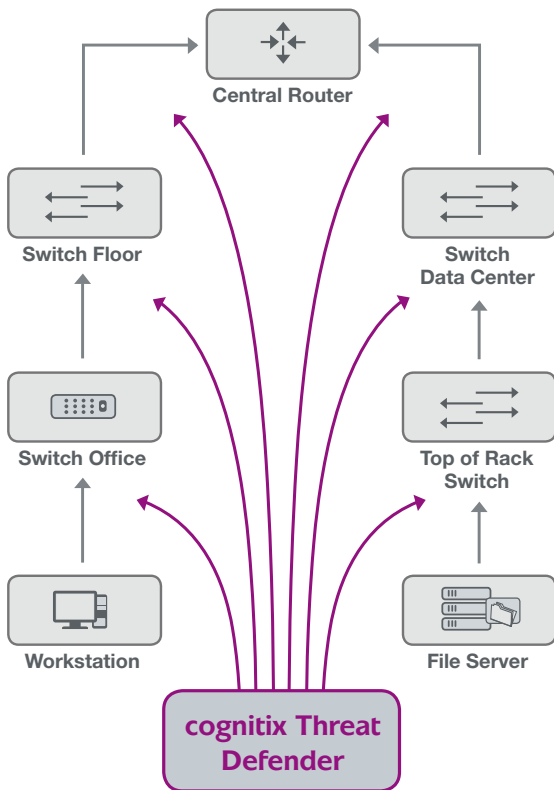
Asset tracking with real-time analysis

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.



cognitix Threat Defender can be integrated in many different ways. This allows you to easily increase the security and visibility of your network.

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 – as proved by the “IT Security made in Germany” seal.
- ✓ **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 hadn't 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 maximum transparency and optimal security.

Further information:
www.genua.eu/threat-defender

