

# cognitix Threat Defender

Anomaly detection, IDS/IPS,  
and segmentation



## Internal Network Security

Non-invasive analysis of assets and network traffic,  
ultra-fast anomaly detection, and dynamic response

### Optimum Availability and Security for Your Assets

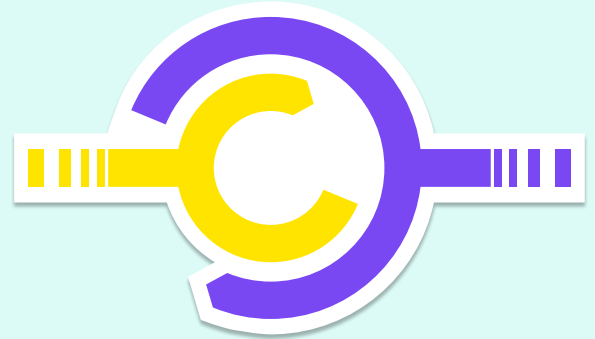
With cognitix Threat Defender, you improve the security  
and availability of assets in IT and OT networks within  
an intrusion detection ecosystem.

- Intrusion Detection System (IDS):  
cognitix Threat Defender correlates the network  
traffic with up to tens of thousands of patterns and  
with intelligent analysis protocols to reliably identify  
threats
- Intrusion Prevention System (IPS):  
cognitix Threat Defender protects your assets in  
the network at all times without manual intervention  
and prevents damage
- Segmentation on layer 2 and 7:  
cognitix Threat Defender enables the micro-segmen-  
tation of the network structure up to the application  
level

» There's a great deal of intelligence in the  
system. Without any additional manual effort,  
we have permanent 24/7 monitoring of the network  
traffic. Our network operation has yet again become  
significantly more secure against increasingly  
complex attacks.

**Carsten Viell**, IT Director Bad Reichenhall Public Utilities

genua.



### All Advantages at a Glance



Real-time traffic detection of  
more than 3,700 applications/  
apps and protocols



Deep packet inspection (DPI)  
to monitor the data traffic up to  
the application level



Incident response with  
dynamic policies due to a smart  
event engine



Interface for  
federal and private-sector  
threat databases



Micro-segmentation at the  
network and application level



Sovereign data storage through on-  
premises operation as well as access  
to patterns, policies, and modules

**Interested? Contact us:**

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## Secure Network Through Transparency and Anomaly Detection

cognitix Threat Defender provides visibility of all network traffic and supports network security by detecting anomalies, identifying attacks, and providing comprehensive protection against threats.

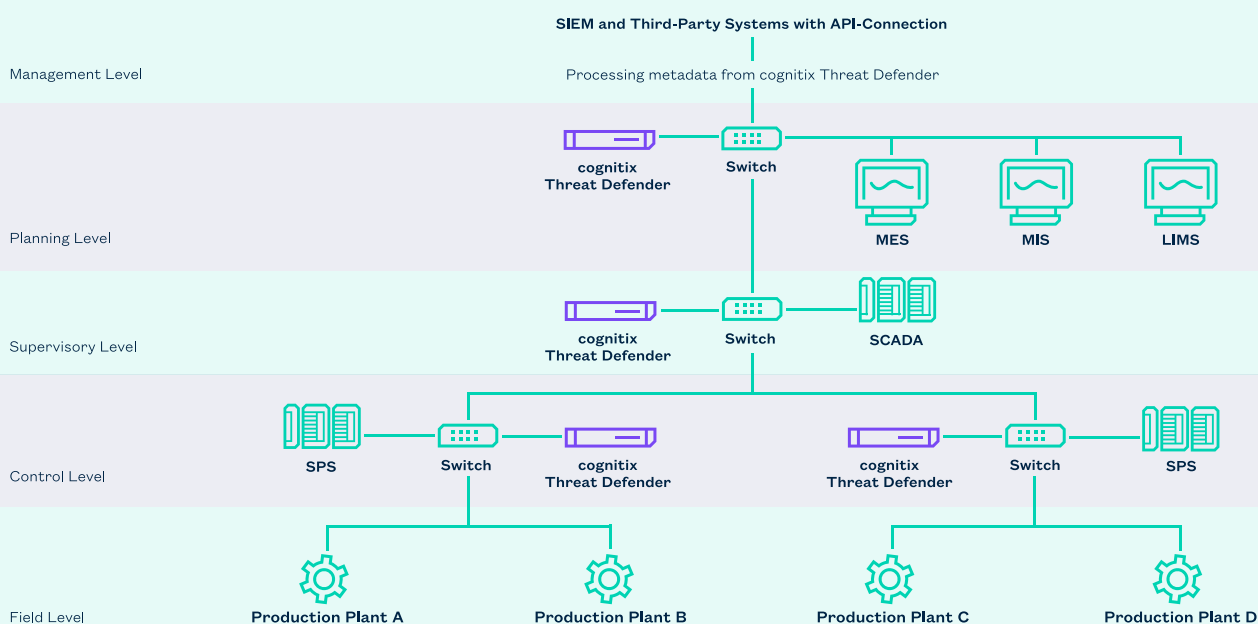
As an IDS with deep packet inspection, it recognizes attempted attacks and supports micro-segmentation to mitigate external and internal attacks.

In terms of response and recovery, cognitix Threat Defender responds to anomalies as an Intrusion Prevention System (IPS) and also provides valuable network information for forensic analyses.

## Flexible Monitoring and Effective Defense

Comprehensive monitoring and reporting options can be used locally and across multiple sites. Network information can be evaluated either aggregated in the system or using connected alerting, SIEM, and monitoring applications.

Through its highly dynamic response to attacks cognitix Threat Defender enables effective network security. The information sources of the attack patterns (IoC) can be expanded, making it possible to adapt to specific requirements and the development of cyber threats.



Application example: Network sensors on various levels

### Reasons Why

- Experts for the IT security of companies and public organizations
- Offer of a comprehensive, modular IT security portfolio
- Quality without compromise for all products, services, and processes

### genua – Excellence in Digital Security

genua develops innovative, reliable as well as market-shaping products and solutions. Whether in the public sector, for the operators of critical infrastructures, in industry or in the protection of classified information: we provide answers to the IT security challenges of today and of tomorrow.

#### Further information:

[www.genua.eu/threat-defender](http://www.genua.eu/threat-defender)



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