



REYGERS
SYSTEMHAUS

Enhancing User Experiences for Multi-Tenant Data Center Managed Services

Boosting Performance and Security through
Next-Generation Network Visibility

CUSTOMER

The [Reygers Systemhaus](#) is a German IT services company focused on the commercial sector data center operations. Reygers partners with innovative companies with sensitive customer data, to provide data center hosting and managed services in a headache-free manner. As an operator of local data centers, Reygers offers a range of services from secure housing of critical, customer-specific IT infrastructure such as servers, storage, or network devices, to the hosting of physical and virtual servers and storage for backups.

Reygers helps companies from design and planning, through procurement, configuration, and commissioning, to regular maintenance and expansion of those systems and devices. As a partner of Stadtwerke Bocholt, Borken, and Rhede, Reygers also offers high-speed fiber-based data center connectivity. Within the scope of GoBD, Reygers enables companies to be legally compliant in archiving data, data sets, and electronic documents. It also provides custom software development services to match individual business processes.

“Reygers Systemhaus data center tenants rely on us for top-notch high availability and security for their business applications, data protection, and service experiences. It is mission-critical for our data center operations to monitor north-south and east-west network traffic for application observability and security. NEOX Network Visibility Platform enabled us to remove all strategic blind spots inside our data center to extract, consolidate, process, and feed the rich network data to our tool rail across our NOC and SOC, for application troubleshooting, network intelligence-based threat detection, and incident response. I would highly recommend NEOX solution for any mission-critical data center and hybrid-cloud environment.”



Michael Reygers
CEO

CHALLENGE

Multi-tenant data centers need to cover a broad range of versatile requirements and services for a variety of tenants with varying business models. This requires complete isolation and privacy between the tenants' network traffic and data protection while sharing the same physical infrastructure. Having complete network visibility and robust security is critical not only for staying in business but also for keeping the tenants in their business with a good customer experience for their end customers and keeping their customer data safe. The highly virtualized nature of multi-tenant data centers such as Reygers makes visibility into east-west traffic more challenging due to virtualization, in addition to the visibility into north-south traffic. Reygers needed a solution that could extract the network traffic intelligence to feed into its security monitoring tools in real-time, at the right speed, leaving no blind spots behind.

SOLUTION

NEOX Networks is the expert in tapping and brokering high-integrity network data from on-premises data centers and multi-cloud environments. Reygers chose NEOX Network Visibility Platform among all other vendors, to observe its mission-critical infrastructure and services for its clients. The solution involved NEOXPacketLion Aggregation Network Packet Broker to centrally consolidate the network traffic collected from strategic locations of the network, process and feed the traffic in the right format, to threat detection or Network Detection and Response (NDR) tools like Vectra.

NEOXPacketLion Network Packet Broker acts as a high-density aggregation layer and a bridge between the network data access points i.e. TAPs, and the tool rail, such as security (NIDS, NIPS, NDR, SIEM), forensics (packet capture), and performance monitoring (APM, NPM) tools. NEOXPacketLion also acts as a gateway to interface network speeds of up to 400Gbps to lower speeds on the tools side.

NEOXPacketLion uses dedicated ASIC hardware to support simple or complex data filtering rules to ensure an optimized data flow, and the right data to the right analysis tools. It enables you to filter out unwanted data packets or entire data streams, thus reducing the overall load and tools sprawl, and prolonging investments.

Therefore, Reygers NDR tools get a constant stream of network traffic to analyze without any packet loss, which is a common issue with many other packet brokers. This ensures that Reygers' tenant data is secure from data breaches, malware, and different types of attacks and they continue to do business with peace of mind.

VALUE

Reygers picked NEOX based on a clear value and solution differentiation such as:

- Brand reputation and quality of the product portfolio.
- Meticulously designed FPGA based high-performance architecture that assures that no packet loss occurs, and nothing is missed from the analysis of the security and NDR tools.
- Simple all-in-one solution that is economical to deploy, with no extra license costs, and backed by the local support.

NEOX Networks provides Next Generation Network Visibility for IT & OT Observability and Security. The result is strengthened cybersecurity, hybrid-cloud application observability, and business continuity, by integrating the network intelligence and real-time data-in-motion. Learn more at neoxnetworks.com