

Unifying Forces for Advanced OT Cybersecurity: PLCNext and SIGA's Level 0 Monitoring and Detection



In today's rapidly evolving landscape of industrial cybersecurity, the convergence of Phoenix Contact's PLCNext and SIGA's Level 0 Monitoring and Detection marks a groundbreaking alliance to fortify Operational Technology (OT) environments against sophisticated cyber threats.



As industries embrace Industry 4.0, the integration of PLCNext and SIGA's Level 0 becomes crucial. OT systems are increasingly interconnected, making them susceptible to cyber threats that evolve in sophistication and scale. Traditional cybersecurity approaches often fall short in this dynamic landscape, necessitating a comprehensive solution that integrates the openness of PLCNext with the anticipatory capabilities of Level 0 monitoring.

PLCNext - The Foundation of Flexibility

Phoenix Contact's PLCNext serves as the backbone of this advanced cybersecurity solution. Renowned for its open and flexible platform, PLCNext allows for the seamless integration of various programming languages, accommodating traditional PLC programming and high-level languages such as C++ and JavaScript. PLCNext is an IEC 62443 4-1 certified solution, ensuring flexibility that empowers adaptability and innovation to attend the rapidly changing field of OT cybersecurity.



SIGA's Level 0 Monitoring - Proactive Defense

SIGA's Level 0 Monitoring takes the forefront in proactive defense against cyber threats. By continuously monitoring network traffic, system behavior, and user activities in real-time, Level 0 identifies potential threats at their inception. This real-time analysis utilizes advanced technologies, including artificial intelligence and machine learning, to recognize patterns indicative of malicious activity. This proactive approach shifts the cybersecurity paradigm from reactive measures to a more anticipatory and preventive stance.

Unified Solution - The Power of Integration

The integration of PLCNext and SIGA's Level 0 forms a comprehensive and unified solution. PLCNext's open architecture seamlessly accommodates the implementation of Level 0 monitoring, creating an ecosystem where the versatility of PLCNext and the anticipatory defense of Level 0 converge. This integration not only enhances cybersecurity measures but also allows for the efficient execution of security protocols and response mechanisms within the industrial environment.

Cutting-edge offerings



Real-time Threat Detection: Level 0's continuous monitoring minimizing the impact of cyber incidents on OT systems.



Flexibility and Adaptability: PLCNext's open architecture ensures agility in the face of emerging threats (IEC 62443 4-1 certified)



Reduced Downtime: the integrated solution reduces downtime associated with cybersecurity incidents, enhancing the overall reliability of OT systems.