TGα

alphaWatch - A Guardian for your Network
An IDS system that thinks!

alphaWatch is a scalable IDS (Intrusion Detection System) with AI-Support. It is geared towards manufacturing and plant systems, critical infrastructure and discrete manufacturing.

The IDS watches over all network communications. If alphaWatch detects an anomaly, it issues an alert. In addition, alphaWatch can react with a change in behavior, for example, it can trigger the initiation of an emergency mode or block an unwanted communication. The alphaWatch system implements the segmentation concept "Zones and Conduits" of IEC62443. Thus, it is the heart of an effective cyber defense and realizes "Defense-In-Depth".

alphaWatch offers:

1. monitoring of all communications between your machines and the internal network.
2. can optionally act as a firewall, expanding the monitoring capabilities.
3. automatically learns new rules, guaranteeing the secure operation even when changes occur.
4. by utilizing AI algorithms, even complex data communications can be monitored.
5. is part of a holistic security system architecture, corresponding the IEC62443 standard.
6. is a product, that in contrast to competitor solutions, operates "On-Premise".
7. is a scalable IDS, which is capable of securing single machines in a cost-effective manner, as well as realizing the security of larger scale networks.
8. due to the modular architecture of alphaWatch, it can be tailored towards your requirements.

In short: alphaWatch is your guardian, which keeps harm away from your network.

*OT is hard- and/or software that monitors or controls industrial machines, systems, processes or events and has the capability to detect or cause changes in them.

SecurITy
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