SIGA
OT Solutions

OT Process Optimization & Cyber Solutions for Industrial & Chemical Processing Plants

SIGA's unique technology provides an out-of-band solution for cyber and operational anomaly detection with enhanced resolution through machine learning and data analytics.

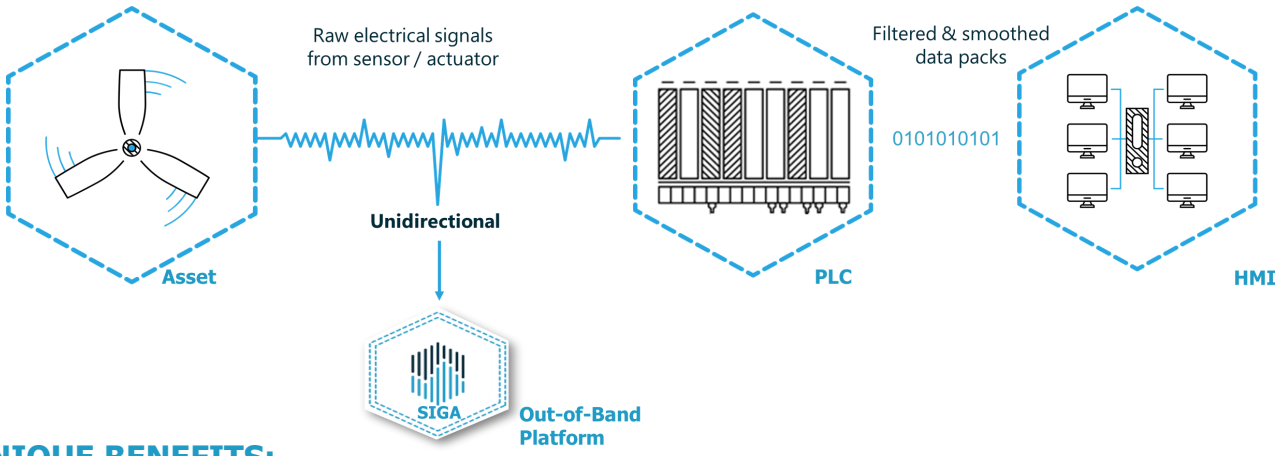
ICS / OT BENEFITS:

- Early Failure Detection
- Machine Learning Insights & Assets Intelligence
- Process Optimization
- Risk Minimization
- Forensics & Recovery
- ROI from Operational Optimization

SIGA unidirectionally monitors I/O components and copies electrical signals from the analog and discrete contactors. This *un-tampered data* is analyzed in an out-of-band channel, independent of SCADA / ICS.

Using **advanced analytics** and **machine learning** provide an in-depth look at the critical elements of the process and identify any variances not seen by conventional ICS/OT systems which serves process optimization and early failure detection. These "overlooked" variances serve as early warnings of process malfunctions.

SIGA'S ARCHITECTURE:



UNIQUE BENEFITS:

- Does not interfere with OT network- ICS Untouched. Completely Out-Of-Band
- Device visibility via monitoring untampered electrical signals from source (Level 0)
- Independent verification and validation of PLC operation and function
- Machine Learning engine generates actionable insights, "hidden" anomalies & new rules
- ICS/OT cyber anomaly detection using un-hackable electric signals from devices. Process verification and validation independent of the data network.
- Equipment & protocol agnostic
- Legacy compatible, and easy & immediate implementation
- Forensics, analysis & recovery through out of band data archiving & data export

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