What is ANYA?

AES Cybersecurity ANYA is an Industrial Cybersecurity Appliance designed to provide unprecedented accessibility and security for industrial networks.

Built using industrial rated components and state-of-the-art embedded hardware, ANYA is future-proof and can handle the harshest of industrial environments.

ANYA can be optionally equipped with a Wireless Packet Sniffer Antenna Array (used for Anomaly Detection & Reporting®), an 802.11a/b/g/n/ac Wi-Fi Access Point (for Wi-Fi Connectivity), and a GSM/CDMA Cellular Radio (for Cellular Connectivity).

ANYA Hardware - Tech Specs

- IP67 rated enclosure & connectors
- Dual-core 1.5 GHz processor
- 2GB DDR3 RAM
- Dual Gigabit Ethernet interfaces
- Wireless Packet Sniffer Antenna Array*
- 802.11a/b/g/n/ac Wi-Fi Access Point*
- GSM/CDMA Cellular Radio*

* Wireless Packet Sniffer Antenna Array bundled with Anomaly Detection & Reporting. Wireless Access Point optional for wireless Connectivity. Cellular radio optional for cellular connectivity.
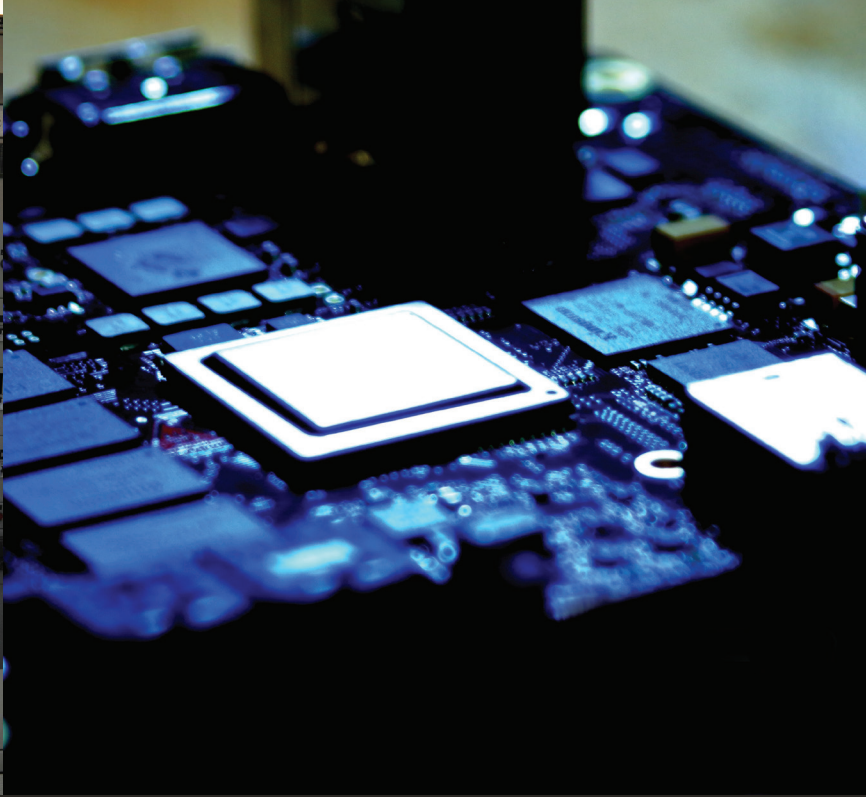
Secure IIoT/Remote Access Gateway

Access remote industrial devices from anywhere in the world – securely.
Quickly obtain value from the Industrial Internet of Things – securely.

Ultra-Reliable Cloud Infrastructure
- Utilizing Amazon Web Services EC2
- > 99.9% SLA

Reverse VPN Tunnel Architecture
- No configuration required - just provide an Internet connection
- No static routes, DMZ, port forwarding, etc. to set up

TLS Encryption with OpenVPN
- Provides higher security and availability than L2TP + IPSec
- TCP port 443 (highly available)
- TLS Encryption (highly secure)

Does NOT need be configured as default gateway
- Currently, all other solutions on the market require their remote access solution(s) to be configured as the default gateway of a network. This can be problematic as routers are often maintained by IT. With the ANYA, this is not necessary.

Virtual COM Port extends remote access to Serial-based devices as well

Pre-configured for Plug & Play Installation
- Provide power + Internet connection, secure tunnel will be established automatically when powered up

IIoT – Pre-integrated with AWS IoT Core

	AES Cybersecurity	eWon	Phoenix Contact	ProSoft
Functions without being default gateway	X			
Gigabit Eternet Interfaces	X			
IaaS Cloud Platform Utilitization	X			X
IP67 Rated Hardware	X			
Open VPN Support	X			
Optional Built-in Cellular Capability	X	X	X	X
Optional Built-in Wi-Fi Capability	X	X	X	
Plug & Play Installation	X			
Reverse VPN Tunneling	X	X	X	X
TLS Encryption	X			
Viritual COM Port	X		X	

Industrial Cybersecurity Defense

Defend against cyber attacks. Automatically.

Anomaly Detection & Reporting (ADR)
- Scans Wi-Fi Interfaces (Ethernet coming soon)
- Using advanced machine learning techniques, ANYA learns devices, patterns, and behaviors of the network by performing deep packet inspection (DPI)
- After initial learning is complete, ANYA enters detection mode, where it will detect changes in devices, patterns, and behaviors, such as an attempted security breach
- Upon detection of an anomaly, ANYA will send notifications to pre-defined email addresses, mobile phone numbers (SMS), and can also write to an EtherNet/IP-enabled device, such as a PLC or HMI, for integration with existing event & alerting systems
- When a new, authorized device is to be added to the network, ANYA just needs to be updated with the MAC address of the device prior to installation. This will prevent an alert from occurring upon connecting the new device to the network.

Advanced Wireless Security (AWS)
- Unbeknownst to most, if there is an AP anywhere on your Industrial network, bad actors can identify the presence of Industrial devices (PLCs, HMIs, Drives, Sensors) by simply "driving by", using a technique known as war driving.
- Advanced Wireless Security addresses this problem by providing a local tunnel across the wireless link
  - Site (AP) - Client
  - Site (AP) - Site (AP)

ANYA®

Secure IIoT/Remote Access Gateway
Industrial Cybersecurity Defense

AES | **AES CYBERSECURITY**
an AES Controls company

CONTACT US FOR A DEMO TODAY!

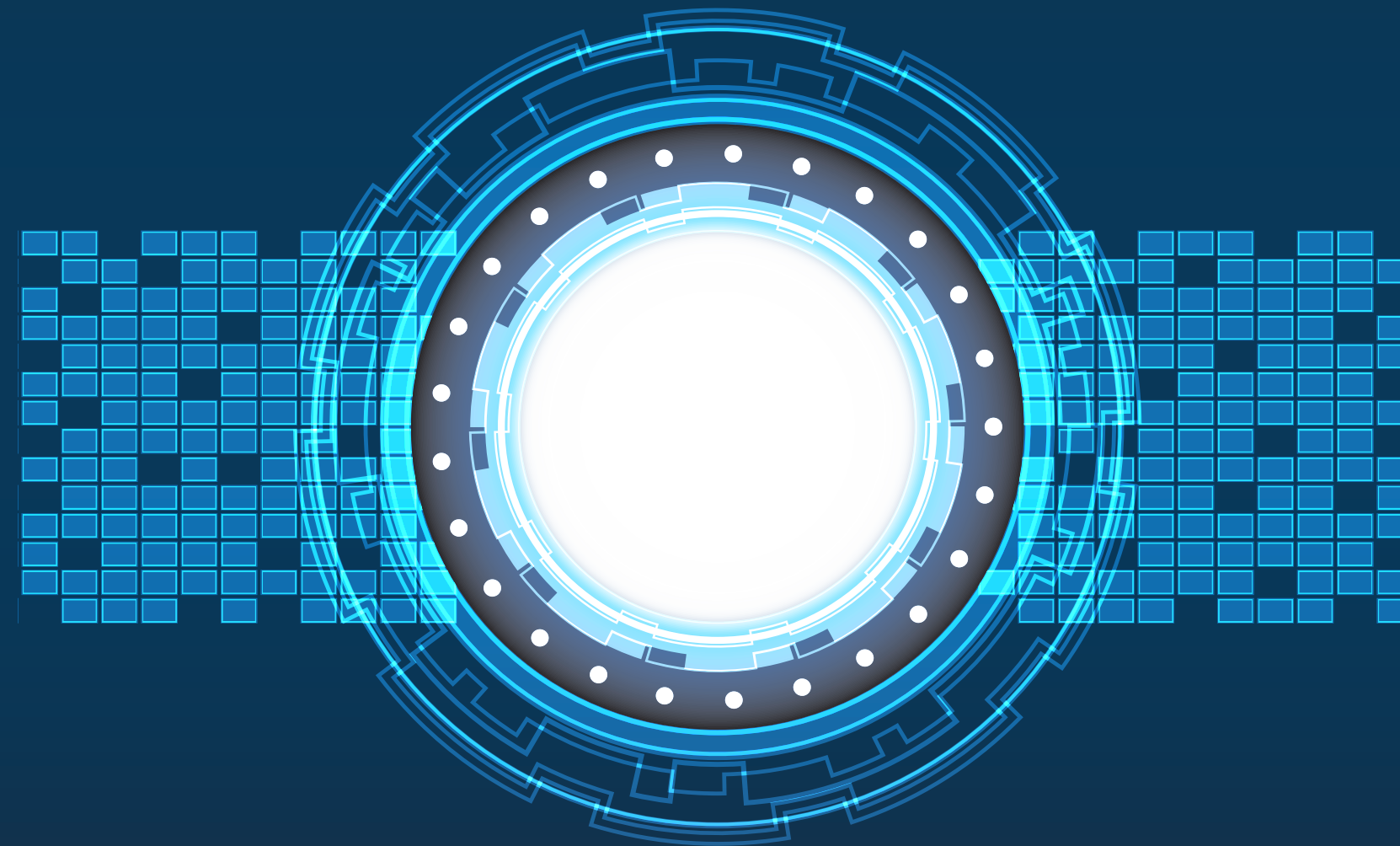| SALES	TECHNICAL
Rick Salerno	Jamie Ahmed
rsalerno@aescybersecurity.com	jahmed@aescybersecurity.com
513-477-9814	513-377-0035

Chicago Office
801 Lunt Avenue
Schaumburg, IL 60193

Corporate Headquarters
155 Tri-County Parkway
Cincinnati, Ohio 45246

Houston Office
40 FM 1960 W #193
Houston, TX 77090

AES | **AES CYBERSECURITY**
an AES Controls company

PRODUCT OVERVIEW