Tripwire Industrial Appliance TIA-700V

Industrial-Grade Security Hardware for Visibility and Threat Management

Industrial-grade hardware allows operational technology (OT) organizations to take full control of their CAPEX and remove their dependency on IT assets in the network. However, ruggedized and industrial-grade hardware is hard to find, manage and integrate into industrial environments. Embedded with Tripwire® Industrial Visibility, the Tripwire Industrial Appliance helps customers gain visibility in their OT networks through a passive asset discovery approach.

Key Benefits

» Asset visibility and threat management for industrial networks, even for SCADA applications in remote, hard-to-reach places that need cellular connectivity

» Ease of deployment—no additional procurement or integration required

» Ruggedized appliance with high MTBF, extended operating temperature range and conformal coating for harsh environments

» No risk of network disruption due to hardware bypass preventing packet drops

No Network Disruption

Tripwire will soon offer a bump-in-the wire approach (no SPAN ports/mirrored ports required) – *Coming Soon!*

ICS Visibility and Threat Management

The Tripwire Industrial Appliance solves operational challenges through continuous threat monitoring and advanced logging intelligence—without the complications of procuring and integrating a separate device. As a ruggedized security appliance, it provides asset visibility and threat management for industrial networks.

Designed for even the harshest industrial environments, the Tripwire Industrial Appliance has an extended operating temperature range, conformal coating and a high mean time between failures (MTBF). Additionally, it will soon employ a bump-in-the-wire approach, which means it will not require port mirroring or extra network infrastructure to function, and there will be no network disruption since hardware bypass prevents packet drops.

Once plugged into the network, the Tripwire Industrial Appliance passively gathers threat data that could threaten the safety and availability of OT environments by analyzing network traffic and conducting deep packet inspection.

It's fluent in over 100 native industrial protocols commonly found in industrial control systems (ICS)—the most covered by any solution on the market—to make sense of the floods of data produced by your entire range of IIoT-connected industrial devices.

FOUNDATIONAL CONTROLS FOR SECURITY, COMPLIANCE & IT OPERATIONS

Technical Specifications

Type	TIA-700V
Product Description	Tripwire Industrial Appliance enables real-time industrial network visibility, and threat management
Form Factor	DIN rail, panel mount or rack mounting (as accessories)

Specification

Processor	IntelAtomx7-E3950
Serial port	2 x RS232, DB9 male
RJ45 ports	5 RJ45 ports. 10/100/1000 Mbps speeds
SPF pots	2 SPF ports. 1 Gbps speeds
COM ports	COM 1 and COM 2 supports RS232 protocol
USB ports	2 USB 3.0 ports

Performance

Throughput*	Up to 100 Mbps
Memory	8 GB
Storage	64 GB

Software

Software	Tripwire Industrial Visibility licensed software and proprietary device management software (available soon)

Power

Power supply Voltage	Dual 20–54 VDC
Connector	6-pin Terminal Block
Power Consumption	TBD

Environment

Operating temperature	-40ºF to 158ºF (-40ºC to 70ºC)
Storage temperature	-40ºF to 185ºF (-40ºC to 85ºC)
Relative Humidity	5%–95%, non-condensing
Conformal Coating	Yes
Altitude	-200 to 13000 ft (-60 to 4000 m)

Mechanical

Dimension (W x H x D)	6.29" x 6.54" x 2.11" (160 x 166 x 53.5 mm)
Weight	3.52 lb (1.6 kg)
Cooling Method	Convection (fanless)

Approvals

Declaration of Conformity	CE, FCC, RoHS
Safety of Industrial Control Equipment	UL 61010 (previously UL 508)
Safety of Information Technology Requirement	UL 60950-1
Substation	EN 61850-3 and IEEE 1613
MTBF	25+ years @ 55ºC, calculated according to Telcordia SR-332, Issue 4
Warranty	2 years

Accessories (available to order)

Panel Mount Kit	Cables
Rack Mount Kit	Power Supplies

*Actual throughput can vary based on the amount of OT traffic within the network

As a Belden company, Tripwire is uniquely positioned to bridge the cybersecurity gap between your IT and OT environments. Tripwire solutions integrate seamlessly with the industrial products you already have in play, like Tofino firewalls and Hirschmann switches.

tripwire®

Tripwire is the trusted leader for establishing a strong cybersecurity foundation. We protect the world's leading organizations against the most damaging cyberattacks, keeping pace with rapidly changing tech complexities to defend against ever-evolving threats for more than 20 years. On-site and in the cloud, our diverse portfolio of solutions find, monitor and mitigate risks to organizations' digital infrastructure—all without disrupting day-to-day operations or productivity. Think of us as the invisible line that keeps systems safe. **Learn more at** tripwire.com

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