ThreadSpan product brief

Where multi-vendor control
Meets AI-powered action

ThreadSpan unifies fragmented infrastructure by automating visibility, control and security across vendors. The result is faster decisions, fewer outages and stronger protection for what moves the business forward.

#InnovatewithDigitalFabric

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Overview

ThreadSpan is an AI-powered platform that automates visibility and control across hybrid infrastructure. Built for enterprises navigating fragmented tools and complex environments, it delivers a unified system for observability, configurability, and intelligence. It brings core functions into one control pane, reducing IT burden while improving agility and security.
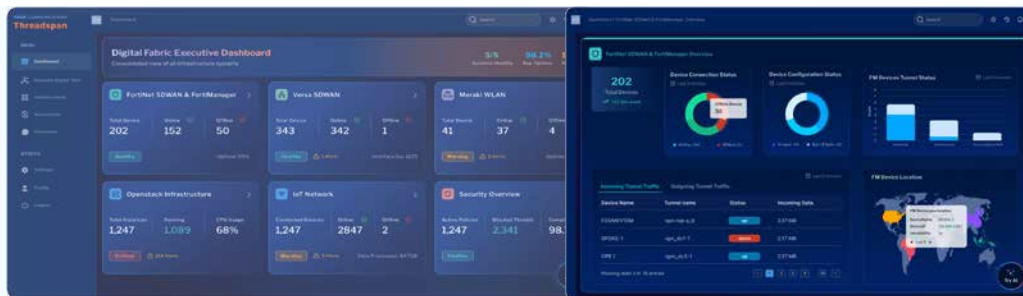
Core value proposition

ThreadSpan gives enterprises a single platform to manage and secure infrastructure without silos. By combining automated discovery, policy control, and predictive insight across domains, it eliminates the cost and risk of disconnected tools. With built-in OEM adapters and cross-domain policy enforcement, it delivers consistent control that reduces operational friction and risk.

See clearly

Hybrid infrastructure creates major visibility gaps—from cloud and edge to SD-WAN and IoT. ThreadSpan closes those gaps with real-time discovery, domain-specific views, and dashboards that act as a source of truth. IPs, endpoints, and links are mapped and correlated for instant insight.

Native support for hundreds of OEMs ensures broad visibility without requiring custom work. Teams can stop relying on outdated inventories and instead gain real-time clarity across their entire estate.

Act decisively

Legacy operations depend on manual work and inconsistent scripting to manage change. ThreadSpan automates this with AI-driven workflows and intent-based policy execution. One-click actions replace ticket sprawl and manual CLI entry, driving faster and more consistent results. With rollback support and an integrated automation engine, teams can respond faster with greater confidence.

Scale securely

As networks expand, inconsistent policies create risk. ThreadSpan standardises enforcement to reduce misconfigurations and close gaps in protection. Security is embedded into every process, not added later. Its AI/ML engine connects anomalies across domains and enables early remediation. Whether launching new sites or merging environments, ThreadSpan supports secure growth without compromising compliance.

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Key use cases

Network visibility
Holistic hybrid topology mapping and asset lists

Secure policy rollouts
Muti-OEM/Domain policy enforcement & compliance across BFSI regulations

Automated site onboarding
One-click provisioning for new and acquired assets

Predictive resource allocation
AI-driven bandwidth changes for peak-load events

Integrations

ThreadSpan comes pre-integrated with over **100 native APIs** from leading vendors like **Cisco, Juniper, Fortinet, Zscaler, Azure, AWS,** enabling real-time visibility, control, and policy sync across environments. And as the ecosystem grows, so does ThreadSpan. New APIs are added continuously to support evolving infrastructure, tools, use cases, automation workflows, business models, and the way BFSI enterprises modernise and optimise their operations.

Unlock the power of your hybrid infrastructure.
With ThreadSpan.

Transform site rollouts from days to **hours**

Reduce **security risks** with multi-OEM enforcement

Cut Mean Time to Resolution (MTTR) by **66%** with single-click automations

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Key features

Unified dashboard
Visibility and control in a single pane

Intent-based policy enforcement
With automated cross-domain frameworks

Native multi-vendor integrations
Via pre-built adapters for leading OEMs

AI/ML-based event correlation
Advanced anomaly detection and alerts

Agentless discovery
With dynamic topology and asset mapping

Role-based access
Customisable views and permissions

Cross-domain rollback
With compliance and policy validation

Deployment options
Fully hosted SaaS or self-managed on-prem

ThreadSpan architecture

AI-driven insights

Advanced AI/ML engines

Universal user UI/UX

Single pane orchestration

Monitoring

Reports

Analytics

AI ops

Observability

Configuration

Integrated digital core

Pre-built OEM adapter

REST

SNMP

SCP

...

Network

SASE

IoT

Cloud