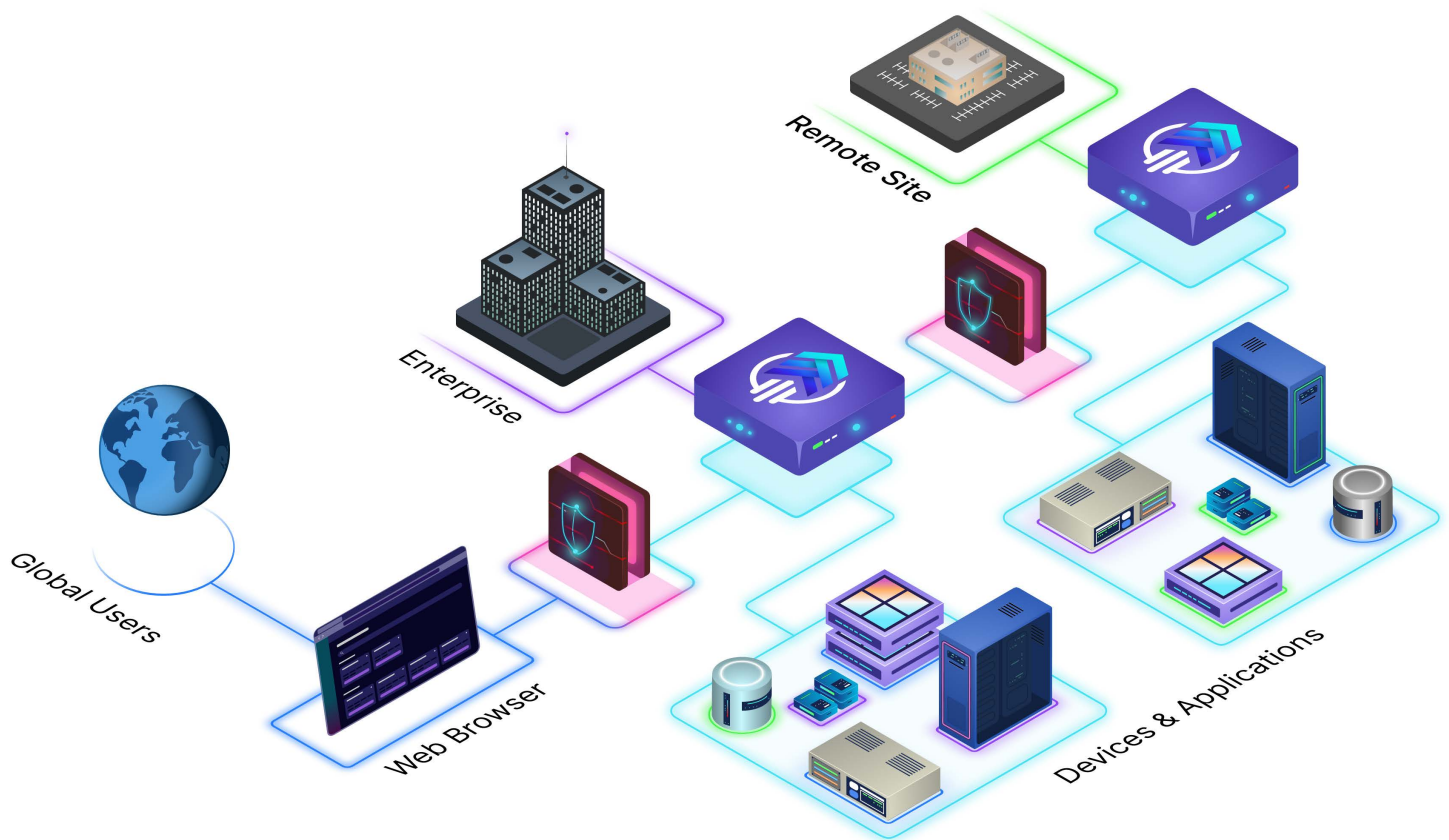# HYPERPORT
PLATFORM

Secure User Access Protecting Critical Systems, Empowering Users

Transform your enterprise security with Hyperport's unified platform that seamlessly integrates Zero-Trust Network Access, Secure Remote Access, and Privileged Access Management into a single, powerful solution.

Enhanced Security

Zero Trust Network Access (ZTNA)

Micro-segmented access with resource cloaking and enforced policy to restrict access to only approved systems or apps per session, reducing lateral movement and limiting breach impact.

Session Recording & Monitoring

Full video and keystroke logging of remote access sessions for compliance auditing and threat investigations, creating immutable audit trails to satisfy regulators.

Secure File Transfer & Synchronization

Policy-controlled file storage and transfer across zones with support for one and two-way synchronization with SMB, SFTP, AWS S3, and Microsoft Azure Blob Storage.

Device, Asset, & Service Discovery

Auto-detects and inventories exposed resources to improve asset inventory and zone validation.

Advanced Access Control

Policy-Based Access Control (PBAC)

Dynamic access enforcement based on context (time, location, MFA) to control app/device access with fine-grained rules.

Role-Based Access Control (RBAC)

Assign access based on roles tied to organizational responsibilities to restrict resource access based on job function or group membership.

Just-in-Time Access & Auto Revocation

Time-limited access that expires automatically to support temporary access for support teams or vendors, reducing standing privileges.

Multi-Factor Authentication (MFA)

Enforces secondary user verification using FIDO2, TOTP, and Passkeys—supporting multi-level MFA that re-challenges based on application, device, or critical security operations to strengthen authentication and meet regulatory requirements.

Dashboard Analytics

Graphical dashboard showing access activity and risk trends to detect anomalies and monitor access across environments. Improves visibility for SOC and compliance teams.

Compliance

Hyperport meets regulatory requirements across multiple frameworks:

NERC-CIP	CMMC	FIPS 140-3	DOE Cyber Baselines
FDA 21 CFR Part 11	ISA/IEC-62443	NIST	TSA SD02C
SOCI	NIS2	OTCC-1	

Benefits

1 **Enhanced Security**
Eliminate IP-based attacks, mask vulnerabilities, and implement.

2 **Operational Efficiency**
Navigate complex networks and layers with ease, leverage advanced business insights, and enable real-time collaboration.

3 **Data Protection**
Secure bi-directional data transfer with FIPS 140-3 readiness.

4 **Comprehensive Visibility**
Gain full control across IT, OT, and security systems.

5 **Flexible Deployment**
Easily deploy in cloud, on-premises, or virtual environments, integrating seamlessly with your existing infrastructure.

Core Functionality

☑ **Isolated Web Browser**
Hyperport-hosted browser environment for internal web app access that securely accesses internal apps without exposing the browser to the network, mitigating browser-based risk and blocking malware injection.

☑ **Hyper-SSH**
Enterprise SSH access through Hyperport with just-in-time key generation, session logging, and protocol-level control (X11, SFTP, port forwarding) for secure developer/engineer access to Linux servers without exposing SSH ports directly.

☑ **Web Based Remote Desktop**
Browser-based access to RDP, SSH, and VNC sessions allowing internal desktop/server access without VPN clients.

☑ **Multi-User Collaboration Sessions**
Internal and external users can be securely invited to join remote sessions to enable IT/OT/vendor collaboration.

Operational Efficiency

HYPERPORT

Agentless
Secure access via HTML5 browser sessions; no VPN, jump servers, or agents needed to enable remote user/vendor access with zero install or configuration.

Centralized Management
Single pane to manage users, policies, sites, assets, and sessions across networks for central control of access across distributed environments.

High Availability
Active-active appliance redundancy with config sync to maintain uptime during failure or maintenance.

Multi-Tenant Architecture
Separates users, data, and policies by tenant to support multiple business units, sites, or customer groups.

Non-Disruptive Deployment
Minimal network changes required; works in overlay mode to deploy securely without modifying IP routing or firewall rules, usually in less than an hour.

No Cloud Dependencies
Runs fully on-premises with no reliance on public cloud infrastructure for deployment in air-gapped or highly regulated environments.

Use Cases

→ **Secure Network Access**
Protect critical business systems across on-premises, cloud, and OT networks.

→ **Remote Access & Collaboration**
Secure access to industrial control systems (HMIs, SCADA, historians) and enable real-time collaborative troubleshooting.

→ **Third-Party Management**
Provide comprehensive auditing for OEMs, SMEs, MSSPs, and remote workers.

→ **Forensic & Training Enablement**
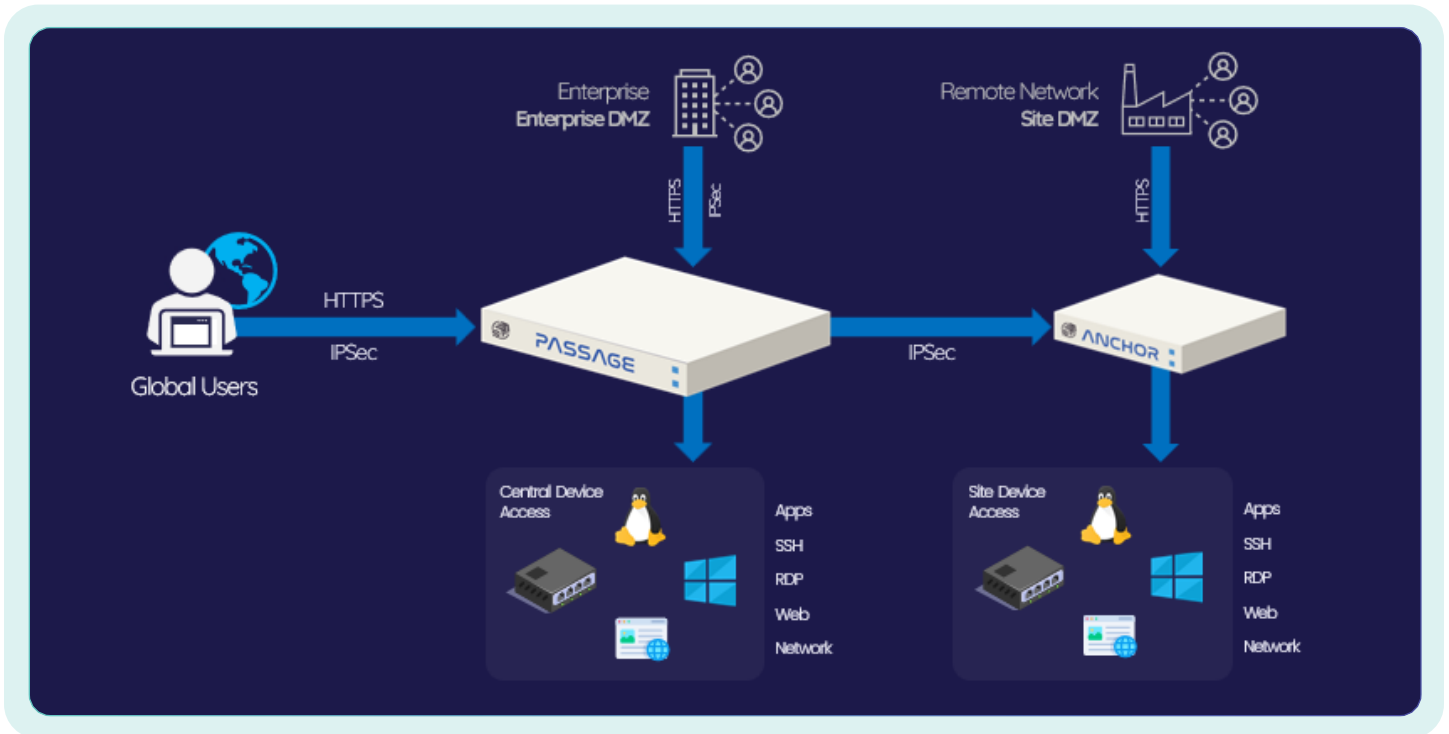Screen recording for training, incident response, and triage.

→ **Secure File Transfers**
Critical system patching, operations, and telemetry transfers with approval workflows and scanning.
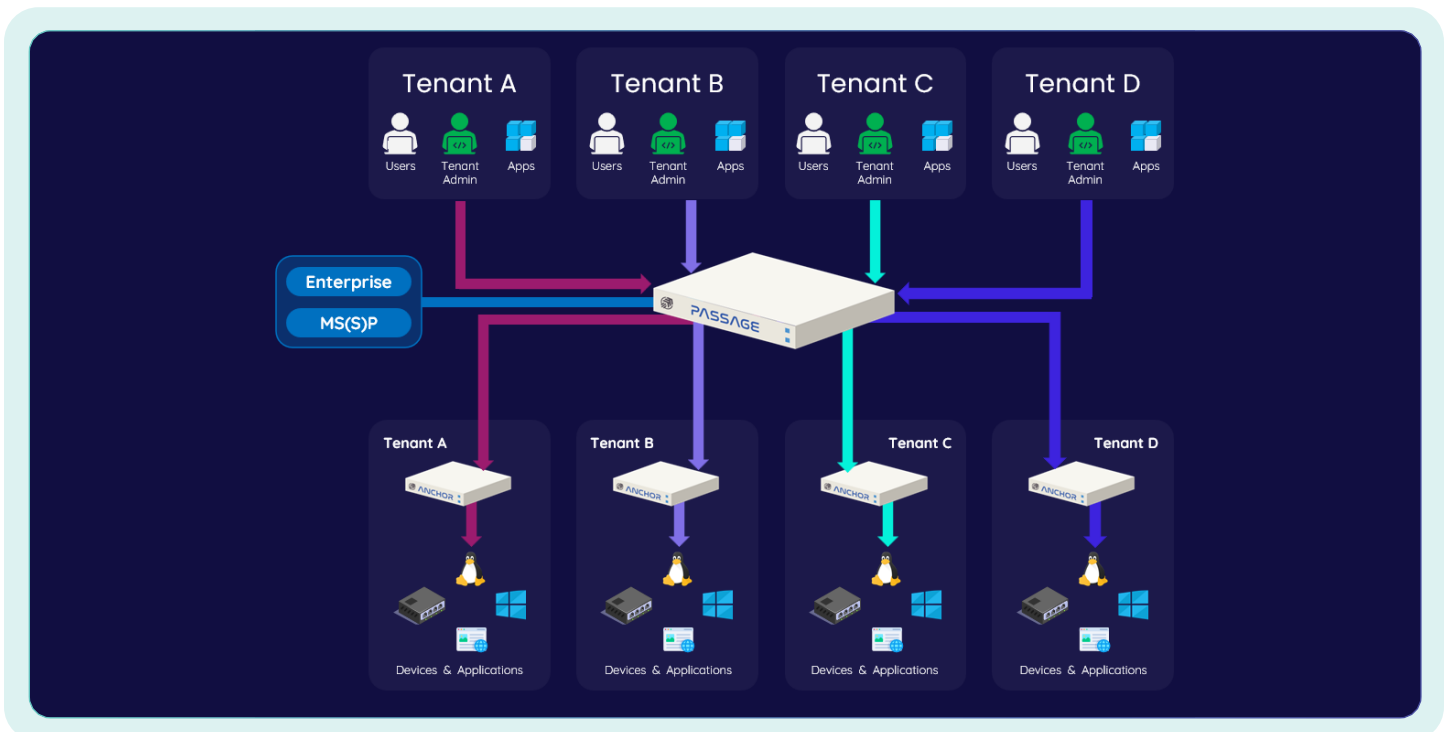
Technical Architecture

Multi-Site User Access

Unified approach to secure access across enterprise networks, DMZs, and remote sites.
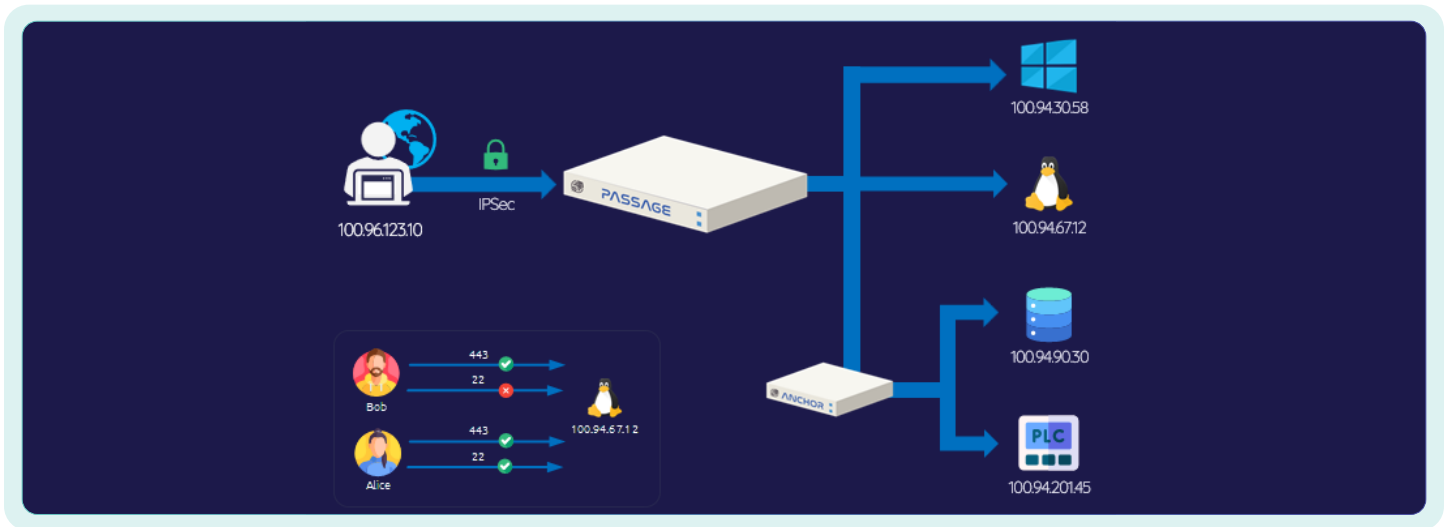

Multi-Tenant Capabilities

Securely manage multiple tenants while maintaining robust isolation and scalability.

Micro-Segmented Network Overlay

Dynamic access controls and standard IPSec connections ensure seamless device and port-level access.

Secure File Transfer and Synchronization

Multi-site data transfer with synchronization to external data sources, approval workflows, and built-in malware scanning.

Deployment and Scalability

Flexible Options

- Cloud deployment
- On-premises hardware
- Virtual machine (VM)
- 1U and IoT hardware sizes

Enterprise Ready

- Multi-tenant deployment
- Multi-site deployment
- High-availability configurations
- Integrated Experience

Integration

- Full HTTP/JSON API and CLI
- SIEM/log management
- SAMLv2 for multiple identity providers

Discover how Hyperport can transform your user access strategy: **Schedule a Demo**