Competitive Benchmark:
Eclypses MTE vs. Industry Leaders

VPN Comparison

	VPN	VPC	Transit VPC	SNOW Edge	Eclypses MTE
Purpose	Secure communication between two networks	Isolated network for cloud resources	Central hub for multiple VPCs	Performance optimization for ServiceNow	End-to-end encryption services for application layer data protection
Traffic Routing	Point to point	Internal routing within the VPC	Routes traffic between VPCs	Edge computing for application delivery	Zero-trust, endpoint-verified Securely routed across any network between MTE relays, prevents session hijacking
Use Case	Connecting on-premises to cloud or remote networks	Single project or app	Multi-VPC or hybrid environments	Optimizing access to ServiceNow services	Data protection in transit, from any application - across any network
Connectivity	Secure encrypted tunnel between two networks	VPC Peering, VPN, Direct Connect	VPN, Transit Gateway, Direct Connect	Optimized access to ServiceNow platform	Mobile, cloud, on-prem, IoT, API, quantum gateway
Scalability	Depends on VPN gateway capacity and internet bandwidth	Limited to a single VPC	Highly scalable for multi-VPC setups	Scalable performance for distributed users	Scalable, containerised cloud deployment models
Security	Encryption (IPSec), secure routing	Fine-grained control with ACLs, SGs	Centralized security with routing	Secure access to ServiceNow services	Zero-knowledge and zero-key-management with NIST PQC to FIPS 140-3
Cost	VPN gateway fees, data transfer costs	Resource-based, no peering cost	Higher cost due to infrastructure	Additional edge optimization costs	No investment required in dedicated links + reduced opex

Feature-by-Feature Comparison

Feature/Capability	Eclypses MTE	Zscaler	Cloudflare	Palo Alto Networks	Fortinet
Post-Quantum Encryption	YES	NO	NO	NO	NO
Application-Layer Data Protection	YES	LIMITED	LIMITED	LIMITED	LIMITED
Zero Data Exposure	YES	NO	NO	NO	NO
OWASP API Vulnerability Mitigation	80% Mitigated	YES	YES	YES	YES
Integration with Existing Systems	Seamless via SDK	YES	YES	YES	YES
Regulatory Compliance Support	FIPS 140-3, HIPAA, GDPR, PCI DSS	YES	YES	YES	YES
Reduced Cyber Insurance Premiums	YES (Up to 30% savings)	NO	NO	NO	NO
Cost Efficiency (No Hardware Required)	YES	YES	YES	NO	NO
Proven Cost Savings	YES	LIMITED	LIMITED	LIMITED	LIMITED

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Key Differentiators of Eclypses MTE

Post-Quantum Encryption: Future-proof security against quantum-based attacks.

Zero Data Exposure: Even intercepted data remains useless to attackers.

Application-Layer Security: Protects data before it leaves the application.

Regulatory Compliance Support: Meets FIPS 140-3, HIPAA, GDPR, and PCI DSS.

Proven Cost Savings: Lowers cyber insurance premiums and infrastructure costs.

Conclusion

Eclypses MTE delivers superior data security by preventing breaches at the application layer, reducing insurance costs, and future-proofing organizations against quantum threats. Unlike competitors, MTE ensures **zero data exposure** and offers **seamless API integration**, making it a cost-effective and compliance-ready solution.

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