Zero Trust for Applications powered by Tetrate

Enterprise-grade application security for every digital interaction

Zero Trust for Applications is security that thinks in dimensions, not borders. Our complete contextual security solution secures every digital interaction with layers of intelligent verification.

Balancing security with agility

As application environments become more complex, maintaining strong security while continuing to innovate has become a delicate balancing act for many security leaders.

Implementing zero trust security can bring about trade-offs between control and agility. As applications span hybrid and multicloud environments, inconsistent security postures, blind spots and fragmented policies create risks and operational overhead.

Meeting enterprise compliance requirements is another uphill battle, with manual processes and incomplete audit trails leaving teams exposed.

And while security should empower faster delivery, it too can often introduce friction, delays and rework.

Transform your security posture

We help transform your security approach by making verified identity — not network location — the foundation of all access decisions.

Zero Trust for Applications delivers comprehensive zero trust implementation with continuous authentication, least privilege access and automatic encryption for all service communications.

> “Scale seamlessly from dozens to thousands of services across any environment without requiring architectural changes.”

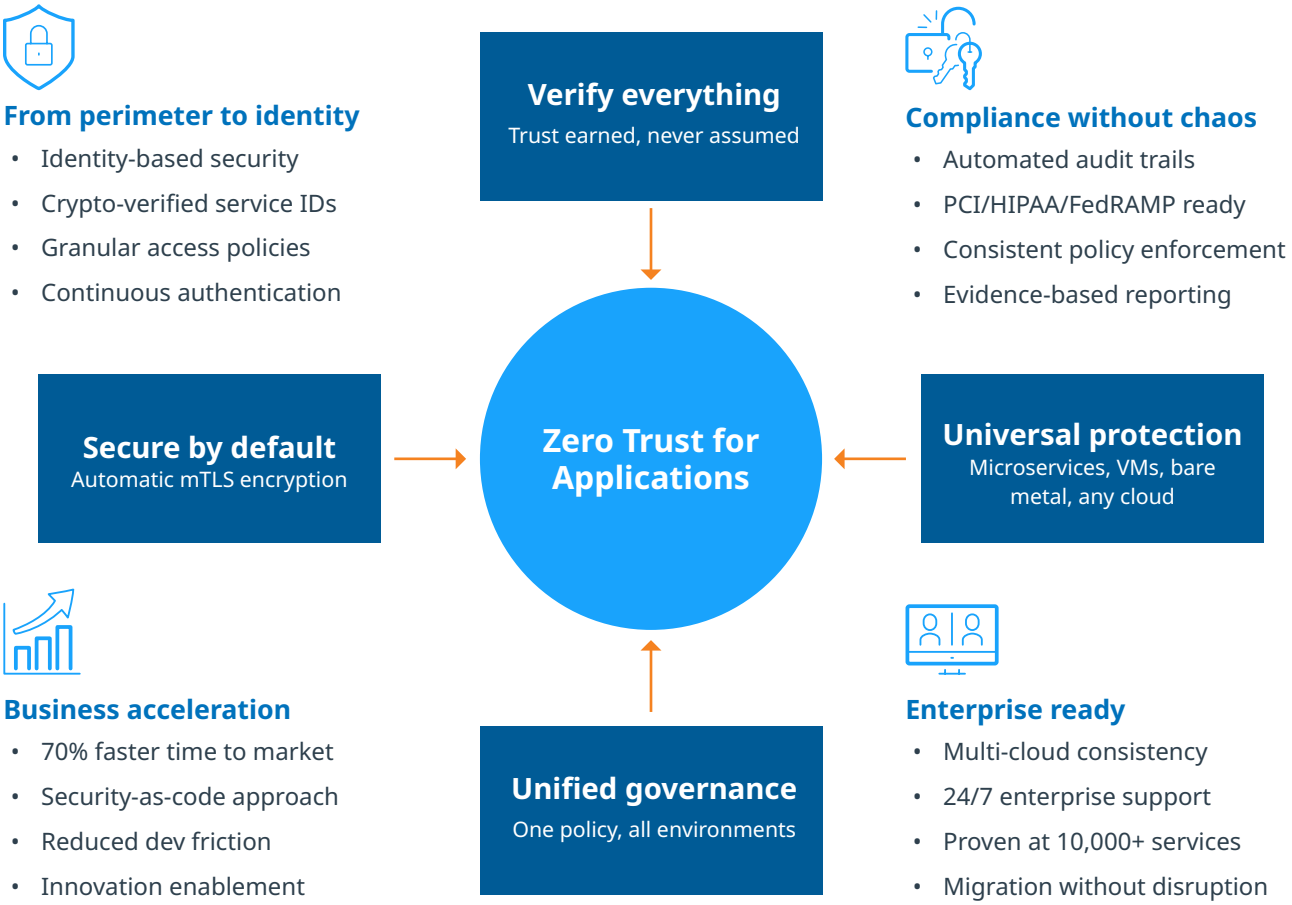
Zero Trust for Applications delivers security without boundaries

From perimeter to identity

- Identity-based security
- Crypto-verified service IDs
- Granular access policies
- Continuous authentication

Compliance without chaos

- Automated audit trails
- PCI/HIPAA/FedRAMP ready
- Consistent policy enforcement
- Evidence-based reporting



Business acceleration

- 70% faster time to market
- Security-as-code approach
- Reduced dev friction
- Innovation enablement

Enterprise ready

- Multi-cloud consistency
- 24/7 enterprise support
- Proven at 10,000+ services
- Migration without disruption

Zero Trust for Applications provides a unified security and connectivity layer that spans all environments, workloads and infrastructure types.

Built on Tetrate Service Mesh, it delivers:

- Zero trust security: Identity-based access controls with automatic mutual Transport Layer Security (mTLS) encryption
- Consistent policy enforcement: Uniform security applied across all environments
- Complete observability: Full visibility of all service communications
- Multicloud governance: Centralized security management across platforms
- Legacy and modern integration: Secure both virtual machines (VMs) and containerized workloads

Security that drives business value

83% reduction in security incidents | 65% lower potential costs | 90% faster policy changes

Enterprise-grade security for better business outcomes

Implement comprehensive zero trust architecture with automatic encryption, strong identity verification and fine-grained authorization policies across all service communications.

- **Operational efficiency**: Reduce security overhead by 65% through automated policy distribution, certificate management and consistent security enforcement — enabling teams to focus on innovation.
- **Compliance simplified**: Meet regulatory requirements with automated policy enforcement and audit trails, comprehensive logging and prebuilt compliance templates for standards like Payment Card Industry Data Security Standards (PCI DSS), HIPAA, the General Data Protection Regulation (GDPR) and more.
- **Seamless multicloud consistency**: One unified control plane across all environments delivers the same security, observability and reliability wherever your applications run.
- **Turn cybersecurity into a strategic advantage**: Remove security as a bottleneck with automated, code-based security controls that enable you to accelerate deployment cycles while ensuring continuous protection.
- **Invisible security**: Visible results: Secure Service Mesh deploys without application changes, scales without limits and proves its value through measurable risk reduction and accelerated delivery.

Use case:

The modern banking challenge

Banks and financial institutions face a complex mix of legacy systems and modern cloud-native applications, often spread across hybrid and multicloud environments. This makes it difficult to enforce consistent security, meet strict regulatory requirements and ensure high reliability.

This issue is exacerbated as services become more distributed and interdependent. Visibility of service interactions is limited, security policies are often applied inconsistently and verifying compliance can be a time-consuming challenge.

Zero Trust for Applications addresses these hurdles by delivering identity – based authentication, automatic traffic encryption, fine-grained access controls, centralized compliance enforcement and real-time audit capabilities.

Why NTT DATA

Proven technology leadership:

- Recognized by industry analysts
- NTT DATA is ranked #2 by revenue for Managed Security Services in the Gartner® Market Share Analysis: Security Services Worldwide, 2024.[1]
- Global scale with local knowledge
- 7,500+ cybersecurity professionals Innovation ecosystem for your future-state architectures
- Global strategic partnerships
- Investments in cybersecurity startups and R&D

Get started

1. **Take a zero trust application assessment**
   Understand your current security posture and identify opportunities for improvement with our comprehensive zero trust assessment.
2. **Proof of concept**
   Our Zero Trust for Applications proof of concept will help you evaluate tangible security improvements.
3. **Phased implementation**
   Our structured implementation approach ensures security improvements from day one, with minimal disruption to your operations.

Visit nttdata.com to learn more.

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