



ZTNA Datasheet



Introduction and Overview

Zero Trust Network Architecture (ZTNA) implementation offers a proactive and dynamic approach to access control. Unlike traditional security models that rely on perimeter-based defenses, ZTNA operates on the principle of “never trust, always verify,” ensuring secure access to applications and resources, regardless of the user’s location or the network they are connected to. By enforcing strict access controls and identity verification, ZTNA minimizes the risk of unauthorized access and data breaches, making it a pivotal component of modern cybersecurity strategies.





In the most recent study conducted by Forrester for Microsoft, the following benefits can be delivered by implementing a ZTNA solution in an organization's current structure.

- Return on investment (ROI) of 92%
- Reduced spend from legacy software and infrastructure by over \$7 million
- Savings of \$20 per employee per month by eliminating redundant security solutions
- Accelerated the process to set up end users on new devices by 75%
- Reduced security and IAM-related help desk calls by 50%
- Reduced effort required to provision and secure new infrastructure by 80%
- Reduced resources required for audit and compliance management by 25%, saving \$2 million
- Increased efficiency of security teams by 50%
- Frontline workers gained access to business-critical applications and systems, saving more than three business days per year
- Enhanced security reduced the risk of a data breach by 50%

Current Challenges with Traditional Networks

Implicit Trust and Widespread Access:

Legacy network solutions, such as VPNs, often operate on the principle of implicit trust, where authenticated users gain access to everything on the same subnet. This broad access increases the attack surface and the risk of unauthorized access to sensitive resources.

Limited Granularity and Segmentation:

Traditional networks lack the ability to implement micro segmentation effectively. ZTNA allows organizations to segment their networks into smaller parts and establish a software-defined security perimeter to protect each part of the network, reducing the attack surface and preventing lateral movement.

Inflexible Access Control:

Traditional networks often struggle to implement location- or device-specific access control policies effectively. This can lead to situations where remote or BYOD users are granted the same level of access as users at a corporate office, despite potentially having fewer security controls in place.

Overprivileged Third-Party Access:

In traditional networks, most third-party users receive overprivileged access, often using unmanaged devices, introducing significant security risks. ZTNA significantly reduces third-party risk by ensuring external users never gain access to the network and that only authorized users can access allowed applications.

Limited Support for Cloud and Remote Working:

Traditional networks face challenges with cloud migration, hybrid and remote working, and IT infrastructures built from multiple environments. ZTNA provides a streamlined solution to secure cloud and on-premises assets, catering to the needs of diverse and remote workforces.





Altimetrik ZTNA Services

Managed ZTNA Services:

We provide managed ZTNA services to organizations with smaller IT teams and no need for on-premises deployments. Our efficient onboarding of new sites and immediate deployment with little to no customer involvement caters to early adopters and those seeking cloud-based, fully managed solutions.

ZTNA Solution Implementation:

Our expertise lies in assisting organizations in implementing ZTNA solutions that enforce granular, adaptive, and context-aware policies for secure and seamless zero trust access to private apps hosted across clouds and corporate data centers, from any remote location and from any device. We create identity- and context-based, logical access boundaries around applications or sets of applications.

ZTNA Consulting and Integration:

We offer consulting and integration services to help organizations implement a zero-trust security

model within their network ecosystems. Our expertise in implementing ZTNA solutions improves an organization's security posture and addresses specific use cases.

ZTNA Solution Evaluation and Selection:

We assist organizations in evaluating and selecting the right ZTNA solution by providing insights into the top ZTNA providers and vendors, as well as comparing and filtering ZTNA software based on verified product reviews to choose the most suitable solution for their specific requirements.

ZTNA Training and Education:

We provide training and education services to help organizations understand the concept of ZTNA, its benefits, and how it can be applied to improve their security postures. Our education on the principles of ZTNA and its role in modern network security empowers organizations to make informed decisions.



Benefits of Altimetrik ZTNA Services

Expertise and Experience:

Our team brings extensive expertise and experience in the field of Zero Trust Network Access (ZTNA), ensuring that your organization receives top-tier guidance and support throughout the implementation and management of ZTNA solutions.

Tailored Solutions:

We understand that every organization has unique needs and challenges. By working with us, you can expect ZTNA services tailored to your specific requirements, ensuring that the solutions provided align closely with your business objectives and security goals.

Seamless Integration:

Our ZTNA services are designed to seamlessly integrate with your existing network infrastructure, applications, and security frameworks, minimizing disruption and streamlining the adoption of ZTNA technologies within your organization.

Comprehensive Support:

From initial consultation to ongoing maintenance and support, our ZTNA services encompass a comprehensive support framework, ensuring that you have access to the assistance and resources needed to maximize the benefits of ZTNA within your organization.

Proven Track Record

Our company has a proven track record of delivering successful ZTNA implementations and security solutions to organizations across diverse industries, providing you with the confidence that you are partnering with a trusted and reliable provider.

Thought Leadership and Education:

In addition to our services, we offer thought leadership and education in the form of training, workshops, and knowledge sharing sessions to ensure that your organization stays informed and empowered in the realm of ZTNA and network security.

Conclusion

By leveraging ZTNA solutions, organizations can benefit from enhanced security, reduced attack surface, and granular access control, all while providing seamless and secure access to critical applications and data. The advantages of ZTNA, as highlighted by industry experts and leading providers, include the elimination of legacy remote access appliances, improved user experiences, and the ability to enforce identity- and context-based access boundaries around applications. As organizations increasingly recognize the benefits of a ZTNA model, the transition to ZTNA is becoming a strategic imperative for modern network security.



Contact

For more information, please visit us at:
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About Altimetrik

Altimetrik is a data and digital engineering services company focused on delivering business outcomes with an agile, product-oriented approach. Our digital business methodology provides a blueprint to develop, scale, and launch new products to market faster. Our team of 5,500+ practitioners with software, data, cloud engineering skills help create a culture of innovation and agility that optimizes team performance, modernizes technology, and builds new business models. As a strategic partner and catalyst, Altimetrik quickly delivers results without disruption to the business.