

XIID

Revolutionizing Enterprise Network Security

As the enterprise network has evolved to meet the demands of our digitally connected world, so have the security vulnerabilities that put your business and data at risk.

More than ever, you need a solution that is as thorough and relentless as the attacks you are guarding against. And you need a company you can trust to deliver on those expectations.

Without exception.

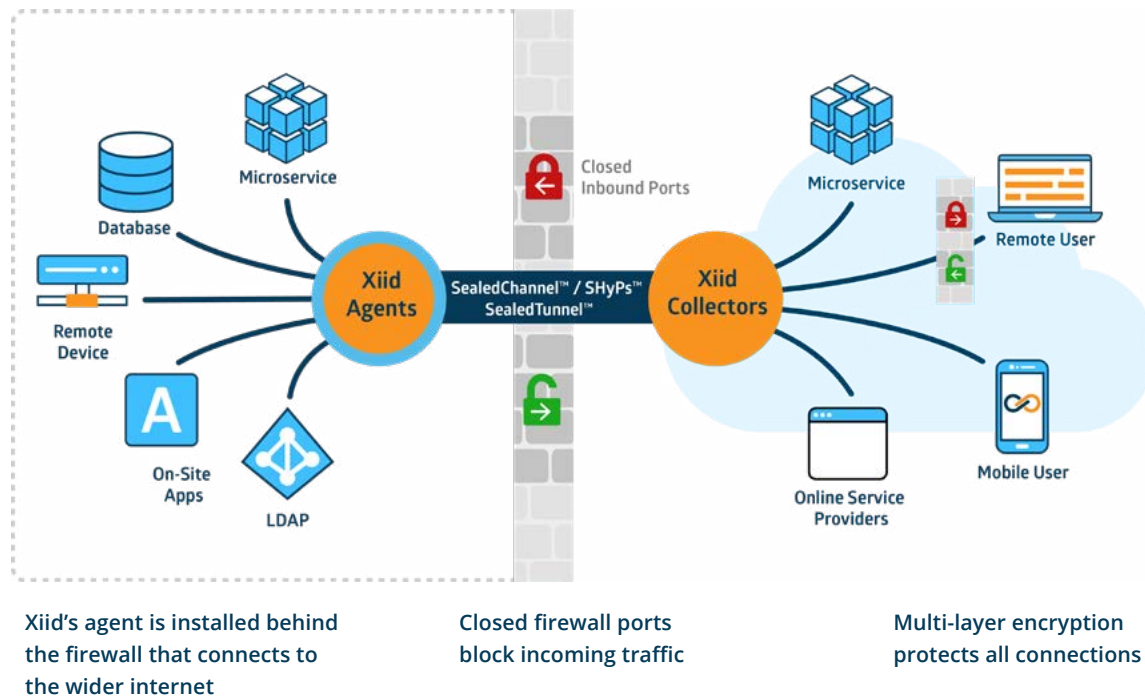
Launched in 2018, Xiid has set a new standard of excellence for enterprise network security with its proprietary Zero Knowledge Networking (ZKN) architecture. This groundbreaking solution helps protect enterprise resources and users by providing the most advanced identity and data access management for on-premise, hybrid- and multi-cloud domains. It delivers an extremely secure yet easy to manage service that removes the risks and complications associated with on-premise, edge-device, and cloud resource access.

Security that Goes Beyond Zero Trust

Xiid's innovative architecture and 100% proprietary software goes beyond Zero Trust Network Access (ZTNA) by adding a layer of protection to mitigate exposed attack surfaces at the network perimeter. It strengthens security for users with Zero Knowledge Proof methods to prevent exposure of passwords, usernames, and other cloud-based user credentials.

Security Features

	ZTNA	Xiid's ZKN
Continuously verifies and authenticates privileges throughout every user session	✓	✓
Detects security threats in real time	✓	✓
Minimizes the impact of threat actors with network and resource segmentation	✓	✓
Strengthens data protection using concealed data exchange and multi-level data encryption		✓
Eliminates the need for usernames and passwords with credential-less authentication		✓
Ensures complete control of your directory with no data replication		✓
Blocks inbound access to your internal resources, eliminating the need for inbound ports		✓
Ensures only approved users and devices have the access they need	✓	✓



How ZKN Works

Xiid's Zero Knowledge Networking (ZKN) is a new network security paradigm that leverages Zero Knowledge Proofs to facilitate access and delegate access control.

Zero Knowledge Proofs are a revolutionary cryptographic protocol that allows you to prove your identity, ownership, or other sensitive information to a third party without disclosing any additional data beyond what is strictly necessary. This powerful technology can help you achieve unprecedented levels of privacy, security, and trust in various applications, such as online transactions, digital identity verification, and secure communications.

Xiid's ZKN platform goes one step further with innovative technology that allows for concealed data exchange and multi-level encrypted communication channels, making network access invisible to threat actors. With unprecedented levels of privacy, security, and trust, Xiid's ZKN platform secures your valuable resources with a unified and cutting-edge approach.

Xiid Identity and Access Management (IAM)

Xiid's Identity and Access Management solution offers a highly secure and efficient authentication process for both on-premise and cloud-based users. With XOTC™, users benefit from a seamless, secure, and hassle-free authentication experience. The XOTC Authenticator and SSO Portal eliminate the risk of theft by using Zero Knowledge Proof methods and generate unique one-time codes for each login session.

- **Information about resources is never shared**
- **No need for usernames or passwords**
- **No copying of lightweight directory access protocols (LDAP)**

Smart Hybrid Protocols (SHyPs), an application-aware layer, transports passive data and prevents the possibility of code injection.

Additionally, Xiid IAM offers the advantage of easily integrating with existing environments, providing added power to your current investments. With no public or

network IP address, Xiid delivers a highly secure and efficient IAM solution that enhances your organization's IAM initiatives.

SealedTunnel™ (ST)

Xiid's SealedTunnel product offers a comprehensive solution for network security that provides highly secure network perimeter protection, ensuring a safe and secure environment for an organization's resources. Xiid's SealedTunnel (ST) offers on-demand, point-to-point secure access supporting TCP/IP and UDP/IP communications, as well as process-to-process tunneling between remote resources.

By closing all inbound firewall ports and combining XOTC with SealedTunnel, Xiid's solution further enhances security by eliminating brute force, man-in-the-middle, buffer overflow, port scanning, and packet sniffing attacks. SealedTunnel provides a secure communication and tunneling protocol that enhances network security for enterprises.

The Result: Unprecedented Network Security

By adopting our innovative network security solution, you'll gain critical capabilities and benefits that will allow you to fully and reliably safeguard your enterprise against an ever-increasing number of threats:

- **Zero Trust Networking:** Secure users, devices, and applications, no matter where they're located
- **Credential-less Authentication:** Eliminate risk with stronger, more secure authentication
- **SealedTunnel Access:** Conceal enterprise resources and provide a seamless user experience
- **Extensible Architecture:** Easily add breadth and depth to handle your most complex environments

With our comprehensive security solution, you can have the peace of mind that comes from knowing your enterprise is protected against any threat. Whether you are looking to secure your network against external attacks or safeguard your sensitive data from internal threats, Xiid's network security solution has you covered.

Strengthen Your Network Security

To learn more or schedule a solution demo, contact our team today at sales@xiid.com.

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