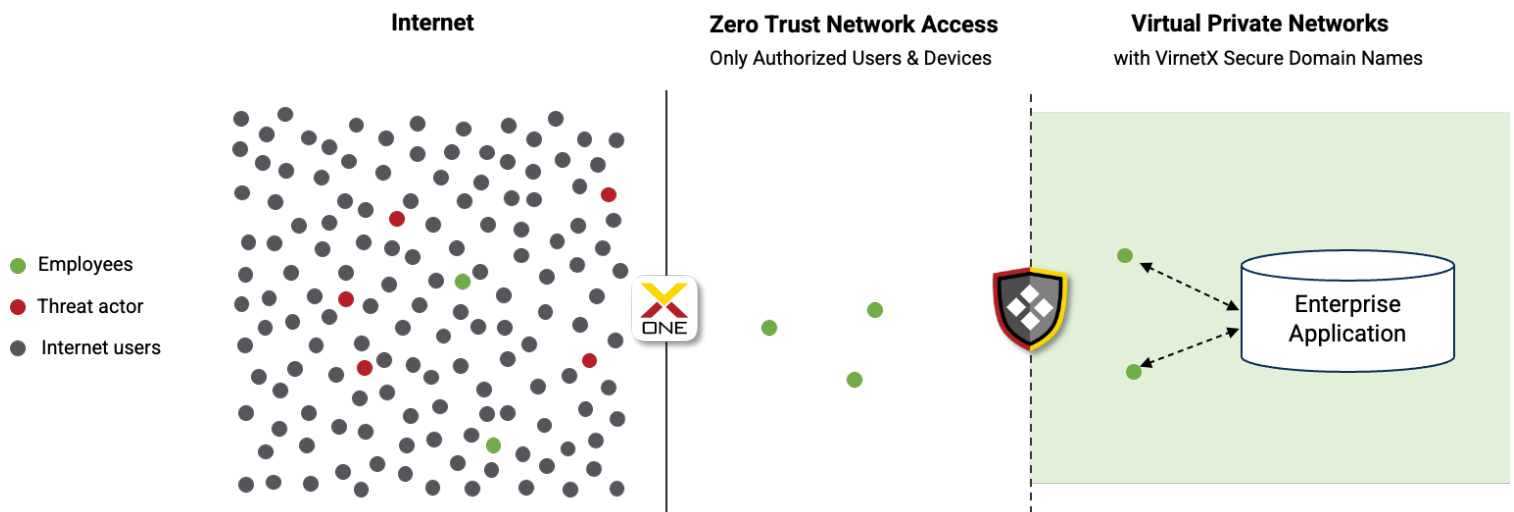# Enterprise Application Protection Against Cyber Attacks

Matrix protects applications using zero trust, allowing employees to work from anywhere with seamless and secure access to corporate applications, regardless of location, network, or device.

SECURE PRIVATE ACCESS FOR YOUR REMOTE WORKFORCE

Matrix delivers secure private access to business applications, services, and infrastructure regardless of an employee's location, network, or device. Matrix enforces access policy controls and enables real-time network visibility for administrators to protect corporate applications hosted in the cloud or on-premise from threats. Deliver a modern, secure, and seamless user experience across your remote workforce without the need for traditional VPNs.

Internet

Zero Trust Network Access
Only Authorized Users & Devices

Virtual Private Networks
with VirnetX Secure Domain Names

- Employees
- Threat actor
- Internet users

Enterprise Application

ZERO TRUST NETWORK ACCESS (ZTNA)

Matrix is secured by the VirnetX One platform with industry-leading, patented technology for deploying Zero Trust Network Access ("ZTNA") enabling closed, private, and secure network services. Applications protected by Matrix are only visible and accessible by authorized users and their devices, dramatically reducing the threat surface and risk to the Enterprise. Each application is segmented into an isolated, software-based, virtual private network, restricting lateral movement, and providing authorized users zero trust access to the application.

DYNAMIC NETWORK VISIBILITY, PROTECTION, AND CONTROL

Effectively monitor your networks, privately and securely, from a single, cloud-based dashboard and control the users and devices that are accessing your applications. Easily secure access to a variety of applications and segment your network in a way that provides granular security control, maximizes flexibility to adapt based on business needs and offers visibility into the network to identify and isolate threats.

USE CASE	SUPPORTED SOFTWARE & PROTOCOLS
Web Applications	- Hypertext Transfer Protocol Secure (HTTPS) - Hypertext Transfer Protocol (HTTP)
Remote Desktop	- Remote Desktop Protocol (RDP) - Virtual Network Computing (VNC)
Remote Administration	- Secure Shell (SSH) - Telnet
Databases	- MySQL, SQL, PostgreSQL - Amazon RDS - MongoDB - Others
File Sharing	- File Transfer Protocol (FTP) - Network File System (NFS) - Microsoft Common Internet File System (CIFS) - Server Message Block (SMB)
Open Source (Self-Managed)	- Websites – Wordpress - Collaboration tools - Rocket.Chat / Mattermost - Development Infrastructure – Git / Jira - Others

The table above lists example Matrix use cases for securing self-hosted applications, services, and infrastructure. However, Matrix can be customized to secure almost any type of self-hosted application found in the Enterprise. Visit https://help.virnetx.com to get started.

VIRNETX

VirnetX Holding Corporation (NYSE: VHC) is an Internet security software and technology company with industry-leading, patented technology for Zero Trust Network Access ("ZTNA") based secure network communications. VirnetX's patented Secure Domain Name Registry and GABRIEL Connection Technology™, are the foundation for its VirnetX One™, software-as-a-services (SaaS) platform. VirnetX's technology generates secure connections on a "zero-click" or "single-click" basis, significantly simplifying the deployment of network security solutions by eliminating the need for end-users to enter any encryption information. VirnetX's products, including War Room™, VirnetX Matrix™, and Gabriel Connection Technology™, are designed to be device and location independent, and enable a secure real-time communication environment for all types of applications, services, and critical infrastructures. For more information, please visit: https://virnetx.com/.