Ultra-Secure & Always Available™
Enterprise Class Security & Business Continuity

Trust is possible with a fresh approach. Critical infrastructure and sensitive data can be Ultra-Secure and Always Available with KnectIQ CyberStepZero™ and ZeroDown Ultra-High Availability™.

Billions of dollars are spent globally on sub-optimal security and high availability solutions that leave front-door network access ripe for compromise and sensitive data open to loss. Prolonged business outages and data loss can cost businesses today up to 12X more than the cost of downtime in overall shareholder value. Security, availability, and data protection are among the most urgent needs of today's modern enterprises and national critical infrastructure, but technology has not kept up with the speed of change in our globally connected world.

Traditional Static or Stored Credentials

Unfortunately, today's Zero Trust data protection & network access solutions, which rely on changing network configuration or access policies, will not protect data in motion from the vulnerabilities inherent in stored, static keys. Bad actors with valid credentials silently access networks and valuable data while remaining undetected for long periods of time. In fact, three of every four data breaches start with compromised credentials[1]. The problem is clear—stored credentials are critically vulnerable. Our Zero Trust based access and data protection technology stops bad actors from gaining access using valid credentials—today's most vulnerable threat surface.

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> KnectIQ is the unique solution to these important problems across many industries, ranging from healthcare to banking.
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> Larry Ponemon
> Founder of the Ponemon Institute

Forced Tradeoffs Of Legacy Disaster Recovery And High Availability

Disaster recovery and high availability solutions have been deployed within and across data centers for decades. However, every Solution has required a trade-off between performance and cost or potential business data loss and uptime concerns.

Today's enterprises now have access to a better, more simplified approach to ensure both the highest levels of security and availability for all data, at all business endpoints (on-premise and in the cloud), through KnectIQ CyberStepZero security technology and ZeroDown software.

Traditional disaster recovery is reactive in nature. Customers had to choose between synchronous replication to minimize data loss or asynchronous mode which can lose transactions in flight and cause lengthy application rebuild and resync procedures. Active-active availability solutions, such as stretch clusters, come at a higher cost and ultimately are limited by distance and the size and amount of data transferred. ZeroDown's Ultra High Availability solution overcomes these obstacles, providing low touch active-active protection for data and applications at a transactional level.

KnectIQ

ZeroTrust Based Security & Zero Data Loss:
A Powerful Pair

The unique combination of KnectIQ CyberStepZero technology and ZeroDown Software provide a modern approach; elevating security and high availability for all data in transit and at rest. This powerful pairing offers the ability to prevent bad actors' use of valid credentials. Together they deliver operational resilliency and agility across all existing systems in public, private and hybrid cloud. This includes support across corporate campus, regional and global endpoints.

	CyberStepZero™ Identity-First Security	ZeroDown Ultra-High Availability™
UNIQUE	Transaction-level dynamic security controls, machine generated one-time pad, ephemeral, FIPS compliant encryption/decryption across 1 to N known endpoints	Transaction-level active-active availability, data logs & journaling across 1 to N endpoints
AUTOMATED	Automated blocking, immediate threat alerts, and real-time logging of breach attempts allowing for timely follow-up & investigation	Automated failover & recovery with application-level granularity and transactional consistency
SIMPLE	Low-latency and easy integration that complements any current security stack across all existing systems in public, private, hybrid cloud	Zero-latency and easily configurable across all existing systems in public, private, hybrid-cloud
COMPLETE	ZeroTrust based architecture using quantum-proof cryptography and better than VPN security	Zero Recovery Time Objective (RTO) & Zero Recovery Point Objective (RPO)

CyberStepZero & ZeroDown for ultra protection & prevention of:

Unknown Devices Gaining Network Access

Data Loss & Data Compromise

Ransomware Attacks

Excessive System Downtime

Compromised VPN

For more information, please contact KnectIQ or visit us online.

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