

Block Armour: Blockchain-enabled Zero Trust Security for Enterprise Systems, Cloud, and IoT



THE CYBERSECURITY CHALLENGE

As organizations embark on ambitious digital transformation journeys, cybersecurity continues to be top priority for executives. In a world that is becoming rapidly mobile and digitized, the attack surface is growing, and cyberattacks are becoming increasingly sophisticated and complex. As a result, traditional approaches to cybersecurity are no longer sufficient to keep enterprise-IT infrastructure secure.

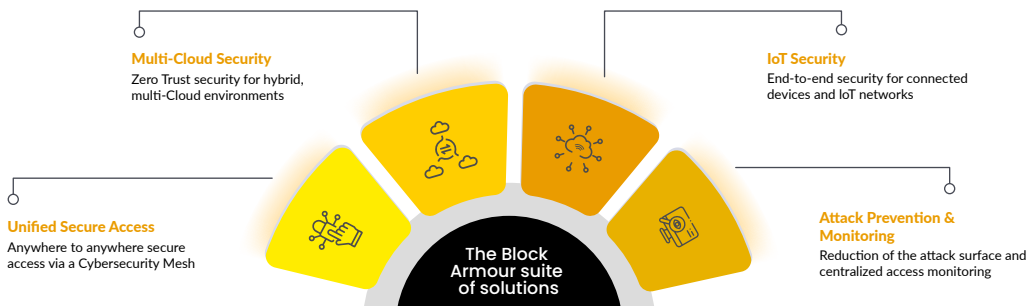
With the enterprise IT no longer centred around its own offices and internal data centres, and hybrid working becoming a norm, security teams need to look at new methods and technologies to secure their modern digital ecosystems.

A GROWING DEMAND FOR ZERO TRUST

Zero Trust is rapidly becoming the preferred security paradigm for today's hybrid and distributed enterprise-IT ecosystems. Rooted in the principle of "never trust, always verify," Zero Trust is designed to protect modern 'perimeterless' digital environments by assuming that any user, device, or application could be compromised and should not be trusted until security context of the entity has been established. This is done while ensuring least privileged encrypted access to resources irrespective of whether the request is from within or outside the organization's network. When combined with sophisticated architectures like Software-Defined Perimeter (SDP 2.0) and emerging technologies like Blockchain, Zero Trust can address many of the shortcomings of traditional cybersecurity approaches.

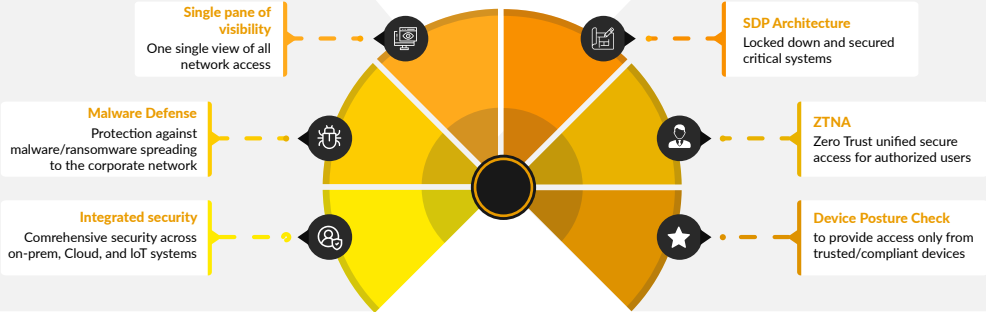
WHAT BLOCK ARMOUR OFFERS

Block Armour has developed a next-gen Zero Trust security platform and delivers integrated cybersecurity solutions for today's hybrid enterprise-IT environments. The award-winning platform equips organizations with the capabilities they need to comprehensively secure their modern digital ecosystems and comply with regulatory requirements, regardless of industry.



THE BLOCK ARMOUR ADVANTAGE

Block Armour's Secure Shield platform is powered by Software Defined Perimeter (SDP 2.0) architecture and private Blockchain technology, and is aligned with the NIST Zero Trust Framework. The platform's revolutionary approach to transform cybersecurity keeping in line with the evolution of the modern digital environment offers significant benefits:



The platform harnesses Blockchain-based digital signatures - not just IP addresses - to identify, authenticate and authorize devices, making it well suited for **Smart City, Industry 4.0,** and **5G** security use cases.

NEXT-GENERATION CYBERSECURITY FOR TODAY'S MODERN DIGITAL ENVIRONMENTS

Block Armour's platform helps clients to replace a host of legacy point products (including VPN, NAC, MFA, Cloud Firewall, etc.), while delivering enhanced Server Protection and next-gen Zero Trust Network Access; all at a lower TCO. It can be deployed on-premise, in the Cloud, or in a hybrid format.

The platform is helping clients globally to:

- **Consolidate security investments** by eliminating the need to procure and deploy multiple point-based legacy cybersecurity tools
- Deploy a **cybersecurity mesh** enabling secure 'assets everywhere' and secure 'access from anywhere'
- Effectively defend against cyberattacks with **higher visibility** to ensure **rapid incident response** and higher resilience
- Implement Zero Trust security enterprise-wide and **ensure regulatory compliance** across on-prem, cloud, and multi-cloud environments for a workforce that works in office or remotely



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