



CASE STUDY

Virtusa Enhances Cybersecurity with ColorTokens' Zero Trust Microsegmentation

IT Services and Consulting,
U.S.A.



Overview

Virtusa is a leading global provider of Digital Business Transformation, Digital Engineering, and Information Technology (IT) outsourcing services. With 30,000+ employees located across 25+ countries, they serve globally around 2000 companies across industries. They are builders, makers, and doers with the technical skills and domain expertise to transform businesses at scale and speed without disruption. Their unique Engineering First approach blends deep industry expertise and empowered, agile teams, to create holistic solutions that seamlessly move the business forward.

Serving a diverse range of sectors such as financial services, healthcare & life science, telecommunication etc. which has some of the most demanding compliance and security needs, it was essential for Virtusa to strengthen its cyber defense against the growing complexity of cyber threats. To achieve breach readiness, they sought a software-defined microsegmentation solution to safeguard critical servers and workloads from lateral movement, ultimately partnering with ColorTokens.



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Partnering with ColorTokens has been transformative for our cybersecurity strategy. Their Xshield Zero Trust Microsegmentation platform has provided us with unparalleled visibility and control over our network traffic for our crown jewels. This partnership has significantly strengthened our cybersecurity posture, allowing us to isolate and protect our critical assets seamlessly. The integrated dashboard provides us with comprehensive control over our security posture, which is essential in today's complex IT environments. With ColorTokens' Xshield, we have not only reduced our attack surface and potential blast surface but also ensured that our breach readiness is of the highest standard. This collaboration has empowered us to continue our growth and innovation without security disruptions and helped us to be one of top ranked cyber security organisations.

Ramaswamy P V,
Global CIO, Virtusa

Key Business Drivers:

Virtusa, given the complexity of its network infrastructure, sought a cyber defense strategy that could significantly elevate its security posture and isolate a wide range of critical assets. Their key business drivers include:



Visualization and Threat Analysis – Virtusa had a sprawling network architecture with multiple data centers and cloud environments. The growing number of clients and services led to a larger network footprint, increasing the potential attack surface. They desired centralized granular visibility into the network traffic across on-premises, data centre environments, and cloud workloads.



Prevent Lateral Movement - Gain detailed visibility into lateral movement attempts for timely containment. Traditional network segmentation methods were insufficient to handle the complex and dynamic nature of modern IT environments.



Breach Containment – Challenging to categorize and organize assets by business functions and understand interaction and cross-connections between them.



Environment Separation and isolation of critical resources using a non-disruptive approach.

The ColorTokens Approach:

Virtusa partnered with ColorTokens to implement a unified microsegmentation solution at scale. We tailored to address their specific needs, offering the following approach:

- An integrated dashboard providing visibility into all server and workload-related traffic, threat landscape, critical events, security posture, and connectivity metrics of the network.
- Detailed information about vulnerabilities associated with their critical assets and exposure in terms of cross-subnet communication, port, and protocols that can be exploited.
- Zero Trust Secure Zones™ (micro-perimeters) around applications with just a few clicks to prevent lateral movement and the spread of breaches with dynamic controls.
- Real-time granular visibility into traffic communication within critical applications between the different tiers and analyze any security gaps and misconfigurations.
- Infrastructure and environment agnostic policy engine enabling automatic creation of policies, independent of static parameters like IP address, VLANs etc.

Results and Benefits:

ColorTokens had a well-defined outcome-driven approach for Virtusa to adopt

microsegmentation into their network infrastructure. In just a few weeks, the deployment of ColorTokens' Xshield Enterprise Microsegmentation Platform yielded substantial benefits for Virtusa:

- **Complete enterprise-wide visibility** to east-west and north-south traffic flows and threat landscape from a single pane of glass.
- **Isolated critical application servers** from the rest of the environment in a non-disruptive way and strengthened security posture using Zero Trust Micro segmentation which proactively prevents data breaches, reduces non-compliance, and simplifies overall security.
- **Significant attack surface reduction.**
- **Proactively blocked communications** from unauthorized users and systems.
- **Lateral movement prevention and breach containment.**

Conclusion

With ColorTokens, Virtusa gained a comprehensive approach towards breach readiness. Adopting a tailored cybersecurity strategy empowered Virtusa to remain a successful leader in the ITeS sector, fostering continuous growth and innovation.

Furthermore, with ColorTokens' Xshield, Virtusa was able to attain the pre-defined value in less than 4 weeks, with no disruptions. ColorTokens demonstrated to be a highly scalable cloud-based microsegmentation platform providing ease of scaling across a multi-cloud and hybrid environment, allowing enterprises like Virtusa to fit what is best for their current needs and future growth. The partnership not only elevated the organizations's ability to secure its critical assets but also ensured the security and trust of its diverse clientele.

This successful customer story highlights the critical role of breach readiness in today's complex digital landscape and the value of strategic partnerships in achieving robust cybersecurity.

Sign up for a personalized demo today

About ColorTokens:

ColorTokens, the leading enterprise microsegmentation company, stops the lateral spread of ransomware and malware within an organization's diverse network topology. The ColorTokens Xshield platform visualizes traffic flows between workloads, devices, and the internet, enforces granular micro-perimeters to stop unauthorized traffic, and isolates crown-jewel assets and compromised systems in response to a breach. ColorTokens protects organizations by stopping ransomware and malware in their tracks, saving millions of dollars in business operations interruption.