

# Audits and Compliance

Compliance (SOX, GDPR, CCPA, NIST, HIPAA, PCI DSS, to name a few) is associated with every aspect of enterprise IT operations. With the exponential growth in digital transformation across all industries and services and the growing dependence on IT for day-to-day business functions, it is imperative that IT infrastructures should become the enforcement point of compliance.



## CHALLENGES

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Undoubtedly 'data' (financial, private, PII, PHI, etc.) is the new currency that needs to be protected and it is growing, with some estimates pegging it at 2.5 quintillion bytes being created each day. This data is worth its bytes in gold – ransomware cost to restore access on one hand vs. fines to be paid when its lost.

The challenge facing ITOps today is that it is becoming more difficult to enforce compliance at the network- and software-infrastructure levels with the modern architectures that are deployed today. Data silos are constantly being broken down, elastic microservices move apps and data in a split second, shadow IT practices open vulnerable backdoors and user/machine credentials and certificates are far from being safe. Managing security postures through effective software supply chain and lifecycle management is becoming a necessity for enterprises.

## SOLUTION

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In today's complex and hybrid IT infrastructures, with microservices for scale and performance, unnoticed compliance issues in the automated workflows are plenty, e.g., location of workload and its data, restricted user access, security posture of the environment, etc. xVisor for Deterministic Application-Centric AIOps, developed by Ennetix, is an industry-leading, next-generation, Machine-Learning (ML)-driven platform that comes with built-in tools to support audits and regulatory compliance adherence.



Software Bill of Materials (SBOM) is becoming the center point for managing enterprises' software security postures and software-supply-chain risk management. xVisor, through its extensive collections of end-device audit logs and software provenance data, can furnish comprehensive and analytics-based, enterprise-wide SBOM and related compliance requirements.

While auditing is typically the first measure that we consider for ensuring compliance, the rapid pace of IT operations demands an automated and autonomous approach. This should provide not only a comprehensive 360-degree view but also prioritize alerts for faster remediation and data loss prevention. xVisor guarantees such continuous and complete visibility!

Furthermore, audits are not just for security and compliance. Audits of performance data based on ML-driven historic and systemic analyses from xVisor ensure predictive network and resource capacity planning and give the ability to create self-healing networks.

## CONCLUSION

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Regulations such as the Health Insurance Portability and Accountability Act (HIPAA) in healthcare, the Payment Card Industry Data Security Standard (PCI DSS) in finance, and the Federal Information Security Management Act (FISMA) in the U.S. government sector all require some form of continuous monitoring. xVisor from Ennetix's continuous monitoring in support of AIOps can help organizations achieve to address this requirement.

## CONTACT US

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