JupiterOne

Continuous Controls Monitoring

From JupiterOne

Organizations know what controls should exist based on their policies and frameworks, but rarely can they see what's actually enforced in their live environment. Constantly shifting cloud infrastructure, evolving requirements, and mounting complexity move far faster than static, point-in-time checks can follow.

Teams spend so much bandwidth maintaining test scripts and collecting evidence that they have little time left for real exposure and risk reduction.

Serious problems arise. Leaders end up with an inaccurate picture of risk.

Audits result in exceptions that could have been caught months earlier.

Continuous Controls Monitoring (CCM) gives you the full, always current view of your control posture, so you can see and trust what's actually happening, prioritize efforts effectively, and make decisions confidently.

Continuous Controls Monitoring

Your Complete Environment, in Near-Real-Time

Continuous Controls Monitoring encodes control tests as executable queries against JupiterOne's unified asset graph.

This creates an always-on control validation layer that bridges the gap between document requirements and the current state of your digital ecosystem.

JupiterOne's graph captures relationships and dependencies enabling accurate validation and not just inventory.

How CCM Works

See Your Entire Environment, Unified

JupiterOne ingests and normalizes data from many sources (cloud providers, SaaS applications, IT and security tools), mapping everything into a unified asset graph. This graph captures ownership, relationships, dependencies, and context, while highlighting gaps and risks that silo tools and processes miss.

Catch What Audits Miss

Tests that run continuously give you the full story of your control health over time. Teams can catch issues that audits miss, like flapping controls, ephemeral cloud assets, and issues that come and go between audits.

Test Every Asset

Control tests are mapped directly to assets in the graph and aligned to frameworks. They are run daily, hourly, and for first-hand investigations. They assess your whole environment, not just a small sample of assets.

Ready-Made Evidence for All Teams and Auditors

Test results are automatically output as structured, timestamped evidence tied to specific controls and assets — ready-made evidence for auditors and valuable posture assessments and trend views for leaders.

AI-Assisted Control Creation and Ticketing

JupiterOne's CCM includes JupiterOne's AI to help non-technical users create control tests using natural language. Control tests can be automated, integrated with GRC platforms, and connected to existing workflows.

Outcomes

✓ **Teams can be confident in their control state,** because policy language becomes machine-checkable logic, tied to real assets and configurations.

✓ **Teams can stop maintaining cumbersome spreadsheets,** because each test maps each control to multiple framework obligations.

✓ **Teams can remediate failed controls before they become a security or audit issue,** because drift and failures can be detected in near-real-time.

✓ **Teams know exactly which resources to fix,** because dashboards and entity-level drill-downs expose which accounts, services, and identities are failing which controls.

✓ **Audit prep is reduced by up to 80%,** because every control test produces structured, time-bound evidence that can be queried.

✓ **Control testing becomes scalable,** because JupiterOne's AI assisted query creation lets non-technical users build control tests without writing code.

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Who Benefits

Leadership

Get a real-time view of posture to enact a risk-based remediation approach.

SecOps Engineering

Prioritize failures and measure impact accurately with posture and drift data.

Compliance and Risk

Automate control testing, shrink audit prep time from weeks to hours, and maintain continuous compliance.

Continuous Monitoring, Continuous Assurance

CCM delivers real-time assurance that policies and frameworks are enforced across dynamic environments. Security and technology leaders can finally close the gap between documented requirements and live configurations by encoding control tests as executable queries against a unified graph. By turning control tests into continuously updated, queryable evidence, JupiterOne CCM makes continuous assurance a practical reality and frees teams to focus on strengthening security, reducing risks, and improving agility.

Contact us today to operationalize CCM and sharpen your competitive edge.

Get a Demo

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