hyperproof

Implement Continuous Controls Monitoring with Hyperproof

Continuous Controls Monitoring (CCM) is the application of technology to allow continuous (or high-frequency) automatic testing and monitoring of controls to validate the effectiveness of controls designed to mitigate a wide range of risks.

Get started in 5 easy steps

1. Identify existing controls and import them into Hyperproof

Quickly import controls from a CSV into Hyperproof and organize them by traits like criticality rating, domain, team, and more.

2. Select controls to automatically test and monitor

Hyperproof automatically pulls evidence of control activities from 50+ popular cloud-based apps across multiple domains into one central place and normalizes the data for automated control testing. Additional evidence/systems will become available every month based on user needs.

3. Set up a test per control or per group of controls (via a Label)

Hyperproof's flexible test builder enables you to write many types of tests using simple business logic. It works similarly to popular Excel functions like VLOOKUP(), HLOOKUP(), IF(), and more. All Hyperproof users have access to a Starter Control Test Kit as a resource for kicking off their own CCM effort.

4. Dictate what should happen when a test fails

With automated control testing set up, you will only have to worry about controls that fail, as opposed to all controls. In Hyperproof, you can set up an automatic task/notification and route it to the control operator whenever a test has been run and the control has failed or needs review.

With Hyperproof, you can connect controls to risks and easily set up workflows to automatically test and monitor the internal controls that mitigate critical risks across domains. By implementing CCM, organizations are able to:

- Reduce time spent on manual testing and increase control testing coverage, improving the productivity of compliance and internal audit teams
- Hold the employees operating key systems and business processes accountable for managing the associated risks
- Provide senior leaders a greater level of assurance that highly-rated risk factors are appropriately managed

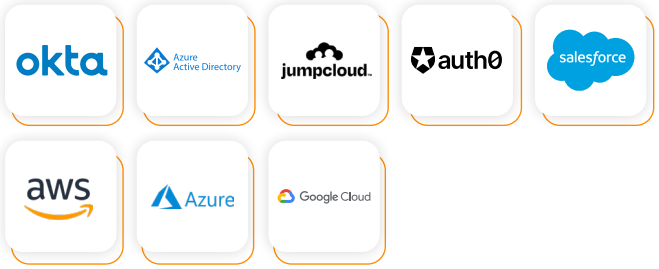
5. Monitor automated controls via reports

Hyperproof comes with useful reports including ones that allow you to see the statuses of control tests and work items related to control remediation. Link controls to risks in your Hyperproof Risk Register to monitor risks in real-time. Set up alerts on the reports to monitor changes and receive automated emails in real-time.

Starter controls for automated control testing

Below are some common controls that should be continuously validated and monitored because they play an essential role in protecting an organization's network and assets and/or in product security. Each of these systems and tests are supported in Hyperproof.

Access control

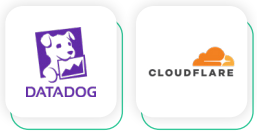


Ensure that employees and contractors get access to company systems in a controlled manner.

Change management

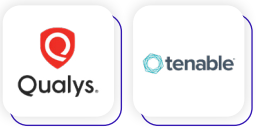
Validate that a designated approval process has occurred before new code is deployed into the production environment.

Key monitoring tools availability



Ensure that key monitoring tools are running and collecting logs. Get reliable access to log files to demonstrate that logging requirements were met.

Vulnerability management



Validate that critical vulnerabilities are fixed in a timely manner, according to the service level agreement (SLA) within a company.

Data encryption/security

Verify that all of your confidential data is restricted to authorized personnel. Make sure that data is transferred in a secure manner.

Data integrity

Test to ensure you have zero backup failures or that the number of data backup failures per 100 is below a certain threshold.