



OVERVIEW

Resilience From The Inside Out

The vast majority of data breaches and unplanned outages occur because of misconfigured assets that could have been prevented with regular maintenance. As the complexity of IT infrastructure grows, ensuring healthy and secure systems become both more challenging and more necessary. UpGuard is the only security configuration management company that provides you with CSTAR, a Cyber Security Threat Assessment Report that calculates the risk of enterprise IT assets against breaches, outages, and other potentially damaging IT incidents.

How Does UpGuard work?

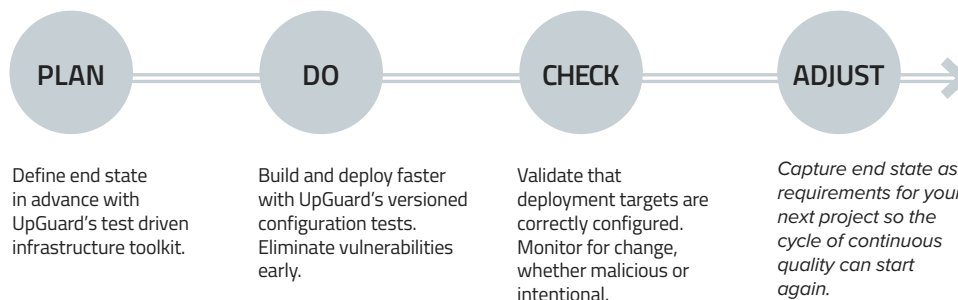
UpGuard uses an agentless connection manager to retrieve and document the configuration state of every managed node. Those records can be screened against each other en masse to diagnose configuration errors – the root cause of 80% of outages – and provide integrity monitoring for files, packages, patches, and more. More importantly, UpGuard continuously tests the state of your infrastructure and environments, both through user-defined policies and through an OVAL-backed vulnerability suite, to ensure quality from development to production.

What is CSTAR?

The CSTAR score is a single, easy-to-understand value representing an organization's aptitude in the areas of compliance, integrity, and security. All the information needed to perform a CSTAR assessment is bundled into the UpGuard platform.

Where does UpGuard work?

Application servers, cloud services, network devices, databases – everything with a configuration state is a possible point of failure. UpGuard provides a unified view and vulnerability scanning of them all to guard against both human error and malicious actors.



Why UpGuard works

UpGuard starts from the root of quality – or failure – in software delivery: the underlying integrity of the complete system state. UpGuard's system of record combines the functions of multiple existing solutions – CMDBs, vulnerability scans, discovery, shell scripts, runsheets, documentation – into one platform that ensures consistency across environments and collaboration across teams.