UpGuard™

This is how UpGuard is bringing trust back into IT environments.

UpGuard provides complete visibility into server and device configurations, enabling you to ensure your systems are secure and minimizing risk against unplanned outages and data breaches.

Integrity Monitoring

From security flaws and software glitches to unplanned system downtime, lack of integrity is the root cause of IT's most critical issues. UpGuard helps you maintain integrity by regularly comparing your environment's actual state to an expected state and quickly visualizing the results.

Configuration Differencing

Compare single systems over time or detect differences between environments. UpGuard provides the critical details behind infrastructure changes and guards against drift.

Vulnerability Analytics

The only way of knowing which vulnerabilities are in your environment is to regularly test it. UpGuard offers advanced vulnerability analytics to keep you up to date with current, tested information, so you can make good decisions quickly.

Automated Runbook Generation

UpGuard supports automatic runbook generation by scanning and storing your infrastructure configurations automatically in version control. Executable documentation is therefore available at all times for quickly troubleshooting, remediating, and optimizing programmable infrastructures.

Configuration Compliance Automation

Assisting with compliance standards such as NERC, PCI, HIPAA, the Center for Internet Security (CIS) and others, UpGuard reduces the administrative overhead of compliance documentation and serves as the single pane system-of-record for environment visibility and testing.

Automated Change & Release Reconciliation

The complexity of the modern data center requires an efficient change management process to keep everything running smoothly. But while service desk applications can assist with workflow, only UpGuard can provide integration that tests actual configurations to ensure change orders are handled correctly.

CSTAR Resilience Scoring

In the age of million record data breaches, risk and resiliency are hot topics for the C-suite of any company. But how can an organization accurately determine their overall cyber risk? UpGuard analyzes relevant factors and aggregates them into one simple number, like a credit score.

IT Security Ratings

Best practice standards such as the Center for Internet Security's (CIS) critical security controls can protect your business from costly outages and attacks. UpGuard makes them easy to use.

Vendor Risk Assessment

In today's digital business landscape, you are only as strong as your weakest link. UpGuard helps identify those weaknesses in partners and vendors to gauge and mitigate your firm's overall cyber risk.

Discover ▪ Control ▪ Fortify

Discovering the state of your systems with UpGuard gives you a solid foundation to build great things.

Integrity Monitoring

UpGuard's policy-driven integrity monitoring allows you to spot and remediate integrity issues before they spiral out of control.

By automatically detecting unauthorized changes, UpGuard enables IT and operations to find and resolve issues faster, instead of wasting cycles troubleshooting and tracking configurations.
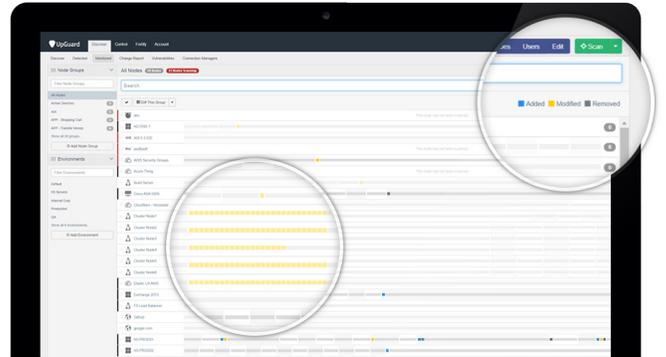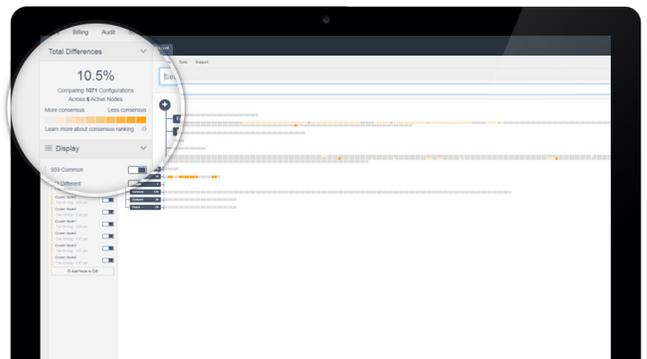
Learn more at upguard.com/solutions/integrity-monitoring

Configuration Differencing

From syncing high availability clusters to maintaining consistency across CI/CD pipelines and environments, keeping infrastructure configurations in alignment is crucial to stability and security. Despite this, diffing methods up until now have been unwieldy and ineffective.

UpGuard's powerful diffing capabilities discover and compare differences between single systems or entire environments, no matter how complex. We scan servers, network devices and cloud providers, document their configuration states, and analyze differences over time, differences between machines, and policy violations.

Learn more at upguard.com/solutions/configuration-differencing

Vulnerability Analytics

Discover the weaknesses in your environment before an attacker does. UpGuard scans devices for vulnerabilities and creates intuitive reports and visualizations so you can spend your time remediating vulnerabilities instead of searching for them.

Down the road, after the inevitable configuration drift, if an asset falls out of compliance with policy, you'll receive an alert right away so you can resolve it before an attacker exploits it. Likewise, if your needs change, quickly edit the policy to match the new criteria and find which assets need to be updated.
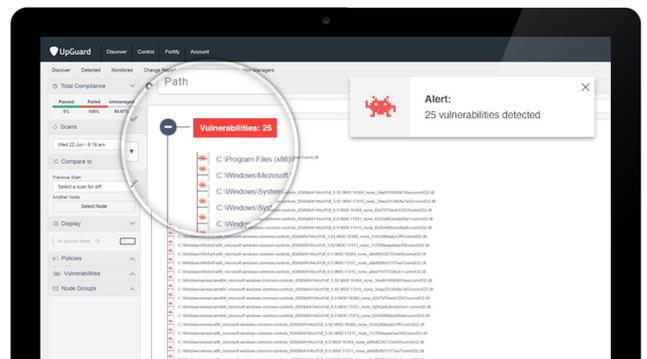
Learn more at upguard.com/solutions/ vulnerability-analytics

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UpGuard brings together the capabilities to make infrastructure reproducible and reliable. From a known good state, UpGuard can transform infrastructure into code to manage and validate configurations.

Automated Runbook Generation

The velocity of change characteristic of today's IT environments makes programmable infrastructures a growing necessity. Unfortunately, most firms are still stuck on manual processes and traditional documentation methods.

UpGuard supports automatic runbook generation by scanning and storing your infrastructure configurations automatically in version control. Executable documentation is therefore available at all times for quickly troubleshooting, remediating, and optimizing programmable infrastructures.
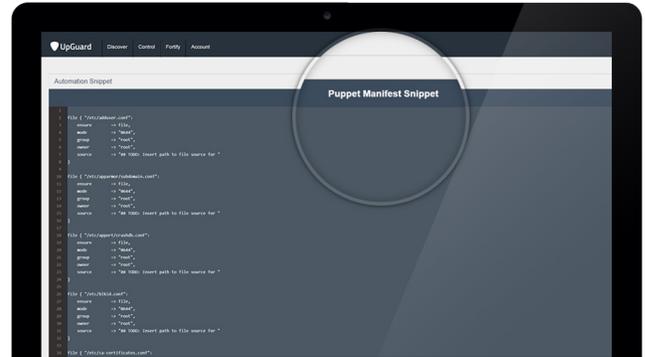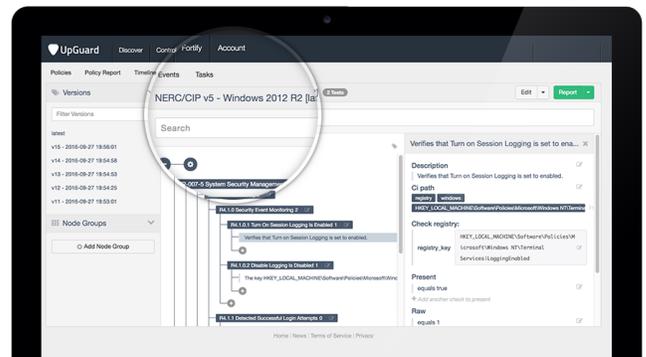
Learn more at upguard.com/solutions/automated-runbook-generation

Configuration Compliance Automation

Built-in policies for standards such as NERC, PCI, HIPAA, and the Center for Internet Security (CIS) make compliance simple, while providing unparalleled insight into how your environment changes, so you can catch problems before your audit.

Continuous testing checks your configurations against policy to ensure they conform to your standards and sends notifications if a configuration deviates from policy. UpGuard's intuitive and visual reporting helps non-technical business leaders understand the risks their companies face.

Learn more at upguard.com/solutions/configuration-compliance-automation

Automated Change & Release Reconciliation

Integrating UpGuard with ticket tracking software such as ServiceNow ties together the logical workflow of your change management system with the concrete reality of your data center by using powerful automated testing and result reporting to find out if scheduled changes actually happened. Likewise, unplanned changes that cause an asset to deviate from policy will trigger notifications to ensure nothing happens without sign off. Need more granularity? Custom in-app policies allow you to manage your changes the way your organization needs.
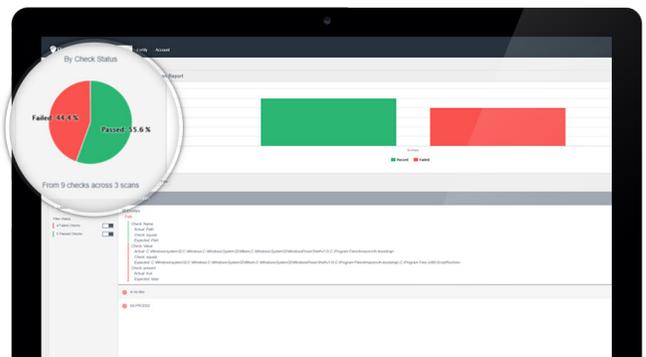
Learn more at upguard.com/solutions/automated-change-release-reconciliation

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Risk analytics broaden awareness and deepen defenses.

CSTAR Resilience Scoring

An external assessment looks at websites, email, open ports and company profile to determine risk, while an internal assessment monitors server and network configurations, vulnerability management and other critical infrastructure. Both are necessary for an accurate picture of an organization's security. UpGuard handles both sides of this equation and wraps the results up in a score called CSTAR (Cyber Security Threat Assessment Report) that organizations can use as a standard for cyber risk.

CSTAR is based on real data from your specific environment, and changes as you change, so you always have an accurate summary of your overall resilience.

Learn more at upguard.com/solutions/cstar-resilience-scoring

IT Security Ratings

Security know-how is just an internet search away. Making use of security knowledge requires a thorough understanding of the environment and the ability to reliably make changes in a timely manner. With built-in policies for the Center for Internet Security's (CIS) best practices, UpGuard moves you right along to enforcing policies, instead of struggling with how to implement them. With total visibility into the data center and continuous testing, organizations have the trust necessary to make changes when needed.

Learn more at upguard.com/solutions/it-security-ratings

Vendor Risk Assessment

Third party relationships are critical for thriving in today's business ecosystems. Our platform enables vigilant firms to measure both their own cyber risk postures as well as their vendors'. Using both internal and external data sources, UpGuard's risk grader and CSTAR make assessing and assuming vendor/partner risk a straightforward affair.

Learn more at upguard.com/solutions/vendor-risk-assessment