AVAILABILITYGUARD NXG

Resilience Assurance for Hybrid IT

IT Outages and Data Loss Can Be Prevented

Proactively detect misconfigurations and eliminate outages across all IT infrastructure layers

Achieve Continuous Resilience Assurance

These days diversity is the name of the game. This extends to IT environments where there is no "one size fits all" prescription for the modern enterprise, which runs its IT on environments best suited to its needs and constraints. Especially in the financial sector, this means legacy and on-prem datacenters alongside private and public clouds. On the other hand, for 69% of enterprises, virtualization and cloud are practically the default environments. They use hybrid environments that typically run on five public and private clouds*. Add modern IT workloads like containers and Kubernetes to the ever more complex and interconnected hybrid environments, and the great challenge is to assure their resilience and maintain continuous availability. Continuity Software offers a unique and proven approach to ensuring resilience on all types of environments: on-premises, private cloud, and public cloud – and any mix of them.

BBVA

"We are able to identify the possible risks in our current IT operations strategy, making it easier for us to anticipate them and establish proactive measures..."

Antonio Castillo, BBVA Bank

swisscom

"We liked Continuity Software's approach. Their solution is vendor-agnostic and uses their "secret weapon" - a huge knowledge base of technology vendors' best practices together with input from the user community. This is unique in the field. "

Stephan Haeusler, Swisscom

Key Solution Benefits

- Prevent IT outages and data-loss incidents before they impact business
- Achieve higher IT operational stability and configuration quality
- Verify and measure resiliency KPIs; improve operations
- Support CI/CD processes with automatic resilience validation

Continuity Software's AvailabilityGuard NXG™ solution employs automatic, proactive risk detection methods that help organizations run smoothly and avoid unplanned downtime, outages and data loss. It proactively eliminates single points of failure that affect entire IT stacks before they impact business. Expensive service disruptions and costly firefighting are prevented. Our solution does this by comparing the configurations in your environment against a deep knowledge base of nearly 8,000 industry and vendor best-practices and identifying configuration errors and single points of failure. As a result, IT quality and agility are improved, data is protected and most importantly, business continuity is maintained.

AvailabilityGuard NXG is based on our unique Resilience Assurance Platform. Our new platform is the industry's first that can detect potential risks to, and prevent outages in, traditional and hybrid environments that include public cloud, CI/CD pipelines, containers, and more. The new platform adds cyber resilience to the mix and allows you to uncover hidden security risks to critical data storage systems.

* RightScale, 2019 State of the Cloud Report.

AVAILABILITYGUARD NXG

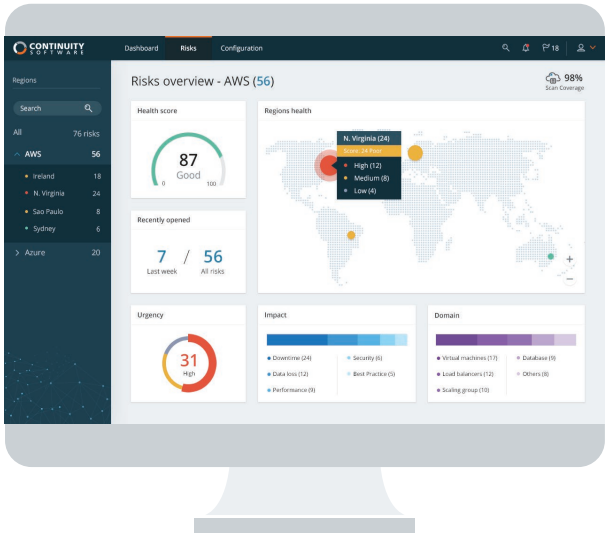
Used by Leading Enterprises Worldwide, AvailabilityGuard NXG™ is Built on Four Pillars

Continuous & Proactive IT Resilience Assurance

Continuity Software's best-in-class resilience assurance solution proactively scans the entire IT infrastructure to detect risks to resilience and single points of failure. This continuous process leads to improved and more efficient IT infrastructure since risks are resolved in a timely manner, before they escalate into costly service incidents.

Support for Hybrid, On-Prem & Multi-Cloud IT Environments

Our solution meets the challenges of ever more complex IT environments that can include legacy (on-prem), private cloud, public cloud, or a mix of these. The solution automatically scans and inspects for cross-domain and in-layer resiliency risks and conducts checks for misconfigurations that could affect availability and recoverability. Scans are scheduled at the IT team's desired frequency and/or event-driven. They are agentless and executed in read-only mode, ensuring that enterprise data is undisturbed.



Dashboard:
View of resilience risks by region and their business impact.

Deep Knowledge

Information gathered in the scan is compared against a vast knowledge base of nearly 8,000 industry, vendor and community-driven best practices to be followed so that configurations throughout the IT stack support continuous uptime and availability. More than a decade in the making, the knowledge base - the largest of its kind – continually expands to include more best practices and user input so that risks to uptime inherent in increasingly complex IT environments can be easily pinpointed and resolved.

Visibility & Control

IT teams gain visibility and control in three major ways, all of which contribute to operational excellence and improve key performance indicators. First, deviations from best practices are discovered and automatically delivered to relevant IT teams and business/service owners, along with guidance for repair. Incidents can be integrated with existing ITSM tools. Second, a clear, intuitive dashboard provides an enterprise-wide view of resilience including drill-down ability. Risks are ranked in terms of urgency and impact to business, performance, and more. Third, automatic resilience validation becomes an integral part of CI/CD and DevOps processes, and new apps and services implementations. This ensures configurations are sound and will not cause service disruption or vulnerabilities.

About Continuity Software

Founded in 2005, Continuity Software helps the world's leading organizations, including 6 of the top 10 US banks, to achieve resilience in every type of IT environment. Our solutions proactively prevent outages and data loss incidents on critical IT infrastructure. As a result, unplanned infrastructure outages are reduced by an average of 80% and configuration errors are resolved before they turn into costly service incidents. Our proven technology and methodology now encompass cyber resilience. Our solutions protect mission-critical data residing in vulnerable storage systems against cyberattacks, prevent data loss, and ensure data recoverability.