ENSURING APPLICATION PERFORMANCE

CSI
YOUR PERPETUAL EDGE

IT'S ALL ABOUT THE APPLICATION

For any company in the digital age, the performance of core applications is critical. Slow response leads to a poor customer experience and that results in lost business. But application infrastructure is getting more complex – beyond the point where manual intervention can cope. Performance has to be ensured across a multi-platform landscape – public clouds, containers, on-premises and hybrid.

Workloads cannot slow down, let alone crash entirely.

Businesses must be able to rapidly scale up and down based on sometimes unpredictable waves of demand that can occasionally take the shape of severe spikes. Computing resources must be continually adjusted so that application performance is always high enough to satisfy client demand, but also so that businesses doesn't pay for unused capacity or wasted data centre energy.

Digital enterprises must be able to identify when apps are performing poorly, work out the cause and do something to fix the issue and increase app performance. At the same time, efficient IT operations demand that utilisation is tracked so unused capacity can be removed. The ultimate goal is to automate a trusted process – from analysis, identification, recommendations to resolution.

Better Together: Application Performance and Resource Management

"You can only manage what you can see" is an old adage that still holds true. APM extends monitoring ("something is wrong") to observability which helps you understand WHY the problem has occurred. ARM goes further by making recommendations for resolving the issue and can

Direct Benefits of Observability and Action

Applications always perform – client experience is high

Application resources are better utilised and waste avoided

Data centre and cloud spend is on budget

Always adhere to policies and compliance

Apps and IT teams can innovate – relieved of manual operations burden

GROW   **SAVE**   **INNOVATE**   **PROTECT**

Platinum Business Partner **IBM.**

Beacon Award Winner 2021

turbonomic

INSTANA

BUILDING BLOCKS FOR ENSURING APPLICATION PERFORMANCE

Observability with Instana APM

Designed to "keep up" with the continuous delivery of new code with checks every second, Instana continuously and automatically discovers, maps, and monitors all hosts and applications, whether they are running on bare metal, virtual machines, or containers.

Trusted Action with Turbonomic ARM

Turbonomic analyses information from APM and directly from the IT estate to generate safe actions that continuously maintain or even improve application performance. This application awareness bridges any gap of trust so remedial actions can be take automatically without intervention.

When ARM Can Help

- Difficulty in proving what is causing app delay
- Complicated war room sessions need to remediate performance issues
- Overspending on cloud services
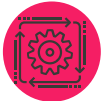- Manual processes hindering resourcing in real-time and at scale

Sustainability = Cost-Efficiency

ARM ensures application performance by allocating the level of resources necessary to ensure optimal performance – no less, no more. The primary focus of removing unused capacity is to save money, but it also reduces data centre energy use.

Why Work with CSI to Ensure Application Performance

Accelerate migration of application and infrastructure services to the cloud, creating a modern environment at the required standard of efficiency, agility and resiliency

Improve the speed and efficiency of application changes through improved developer productivity and automation of build, test and release

Optimise the volume and mix of technology to reduce run-cost and free-up capacity for investment and growth.

Leverage automation and optimisation to improve customer experiences and reduce downtime.