

Full-stack Observability & Reliability Engineering for Platform & Product Engineering

- Powered by Cisco AppDynamics

*Achieving Customer Delight
Through Continuous
Assurance & Automation!!*



Delivering High Performance and Reliable Systems

HCL's Engineering and R&D Services (ERS) is amongst the most valued broad-based global engineering service providers with over four decades of experience in helping enterprise customers drive digital transformation initiatives globally. HCL method is to seamlessly integrate with and complement with customer's product engineering, research and development (ER&D) roadmap activities to provide them with the most feasible solutions. At ERS, PSRE (Performance & Site Reliability Engineering) team assures improved Time to Profit and maximize Return on Innovation (RoI) by providing complete end-to-end visibility with actionable insights on full-stack.



User experience & performance



Application performance
-related to business goals



Improved time to
market & time to resolve



Upfront visibility on business
Impacts using analytics

ERS PSRE team in collaboration with Cisco AppDynamics has developed a co-innovative solution that monitors, measures, and assures our customer's E2E IT applications

01

Single pane of view of IT systems & applications capacities and performance – to take informed decisions

02

Transparent views on user experience, business conversion & churn

04

Co-innovate for self-resilient IT systems that aligns to business goals

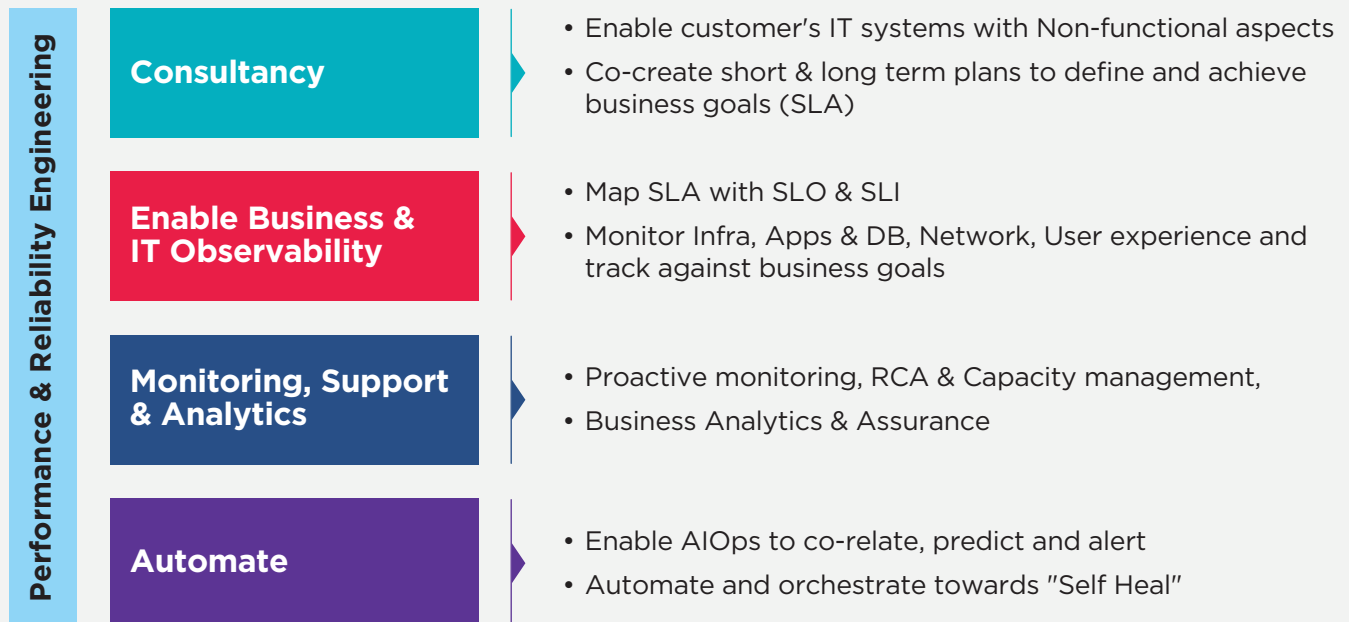
03

Accelerated deliveries with improved time to detect & faster resolution

**Business needs
we address**

Solution Overview

Performance & Reliability is second most after security in the list of top challenges highlighted by the C-suites to drive digital transformation. Especially as the new-age digital technologies such as **I4.0, IoT, AI, AR / VR**, Cloud Platform, Autonomous vehicles, etc. Dominating the current set of engineering service demands, we at **HCL's PSRE** with over 6000+ person years of experience provide a proactive E2E approach to prevent, protect and pre-empt the **Performance, Scalability, Availability & Reliability** of the entire application & IT stack.



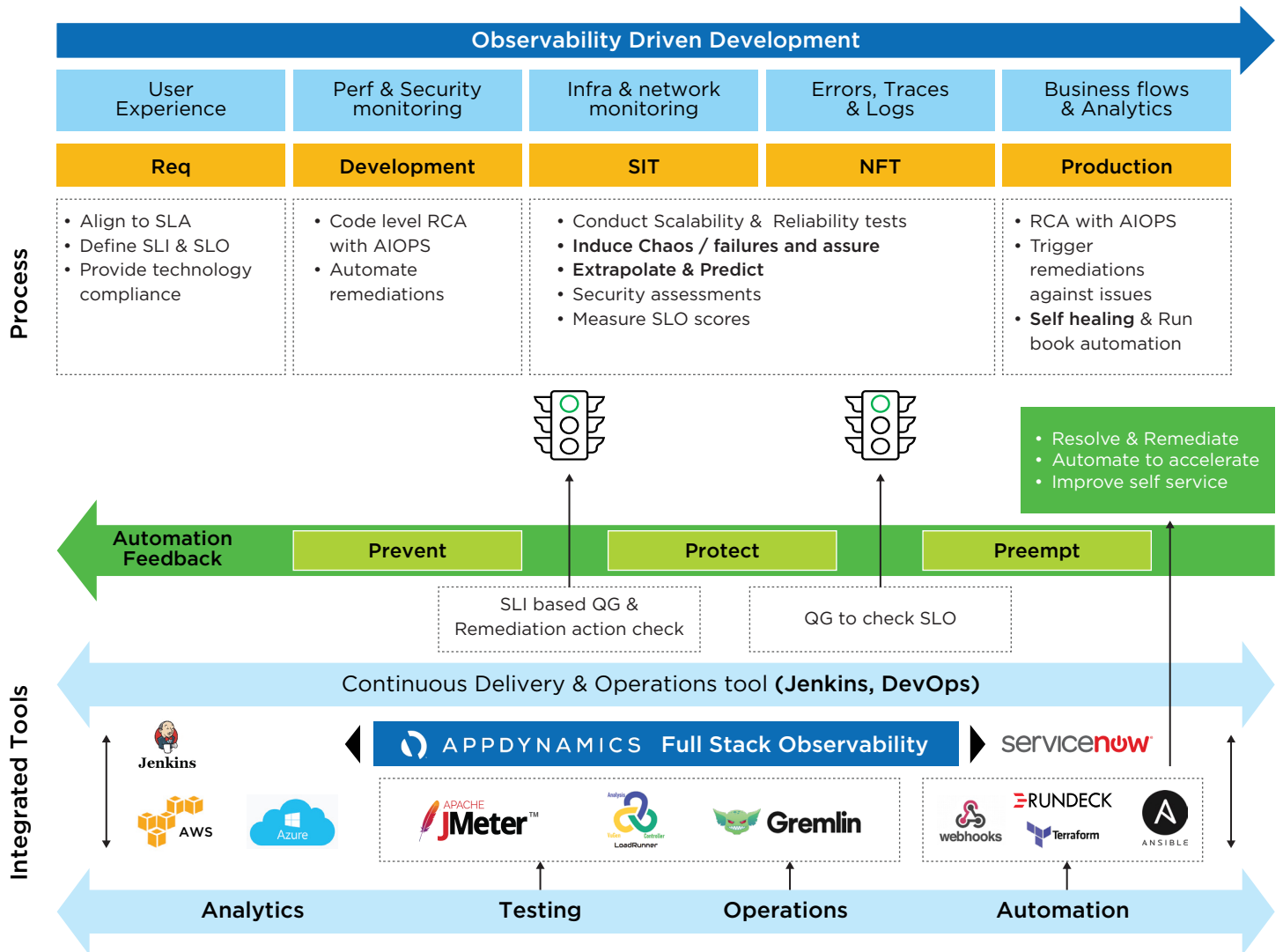
Full- Stack Observability from Cisco



Powered by Cisco AppDynamics and based on the principles of SRE we have a proven framework that is driven by full-stack observability that helps to:

- Align IT Teams support the technology stack with a shared common context.
- **Prioritize** based on **business KPI** and user experience
- **Embrace automation** over manual effort
- SLI's are available for applications as well as infrastructure that powers the application.
- Track how business call flows are performing against business requirements
- SLI & SLO driven quality gates across Dev-Test-Ops – **single pane of glass and truth to track program progress**
- **Enable SecOps** as part of quality gates, catching vulnerabilities before they move out of Development.
- Enable every technical team to deep dive on issues with **auto triage** and **RCA**
- Centralized and correlated **performance & reliability analytics** across SDLC to **proactively collaborate** and optimize

Continuous Ops - Shift Left Performance & Reliability Engineering



Solution Benefits & Highlights



This Shift Left framework empowers the digital transformation with full stack observability and proactive assurance early in application development life cycle.

Engage with us

As you envisage a new platform – Performance consultancy and observability strategies help

To automate and implement **Site Reliability Engineering**

Application modernization / digital transformation / cloud migration / upgrades, we help in implementing Full stack observability enablement right from testing phase

If your production systems encounter errors, end user complains and capacity bottlenecks

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HCL



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HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

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