The Business Value of Red Hat Lightspeed

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Business Value Highlights

501% three-year return on investment

7 months payback

20% IT systems management team efficiencies

48% faster deployment of virtual machines

33% faster application development life cycle, new applications, and new features

24% more efficient security teams

76% less unplanned downtime

Executive Summary

Red Hat Lightspeed (formerly Red Hat Insights) is a Red Hat service that continuously monitors platforms and applications in a hybrid cloud environment. Customers can utilize Red Hat Lightspeed via most Red Hat subscriptions at no additional charge, such as Red Hat's Enterprise Linux, Ansible Automation Platform, and OpenShift. Red Hat Lightspeed is designed to help IT administrators with complex tasks related to compliance, security vulnerabilities, and performance degradation and other operational tasks. By using Red Hat's best practices and analytics, IT operations can reduce toil and focus on more value-added innovation projects.

Red Hat Lightspeed users can access a centralized dashboard to view the health and status of their full environment, making it easier to manage and maintain their systems. By being more proactive, enterprises can reduce downtime, avoid outages, and improve the customer experience of their applications. In addition, as enterprises modernize applications with containers that run on premises, in the cloud, and in hybrid modes, Red Hat Lightspeed is designed to identify and recommend solutions to common issues in minutes.

Red Hat Lightspeed can also improve costs by helping give customers better visibility of their cloud spending, especially container clusters such as Red Hat OpenShift. Infrastructure and application costs can be collected and modeled by a project or team to identify excess capacity. Using 90 days, historical data, enterprises can detect cost anomalies and control spending proactively — before the invoice arrives weeks later. Red Hat Lightspeed can enable FinOps teams by helping align chargebacks for unallocated costs. With actionable data provided to the right stakeholder, enterprises can better control their cloud costs.

The primary goals of solutions like Red Hat Lightspeed are to enable IT teams to drive better business outcomes by removing blind spots and delivering a better digital customer experience through improved performance, security, and resiliency. This study evaluated the returns of Red Hat Lightspeed and how this platform delivers on the promise of enhanced visibility. During this study, enterprises of all sizes consistently told IDC were more efficient in finding performance issues, identifying security vulnerabilities, and reducing downtime. This improvement translates to bottom-line savings and short payback periods. IT operations teams can utilize Red Hat Lightspeed to troubleshoot their production infrastructure and application landscape proactively. Enterprises that have implemented site reliability engineering (SRE) teams may find that Red Hat Lightspeed can improve their effectiveness too.

IDC spoke with organizations about how they are using Red Hat Lightspeed with other Red Hat solutions, such as Red Hat Enterprise Linux, Red Hat OpenShift, and Red Hat Ansible, to support and optimize their hybrid IT environments. Study participants described applying improved visibility and predictive analytics to deliver more efficient, agile, and robustIT services.

Based on interviews with Red Hat customers, IDC calculates that they will realize benefits through their use of Red Hat Lightspeed worth an average of $2.01 million per year ($103,500 per 100 cloud servers/virtual machines [VMs]) by:

- Providing businesses with increased visibility into their hybrid IT environments, leading to improved efficiency, security, and performance

- Ensuring significant time savings in management and security activities, thereby enabling IT teams to focus more on innovation and business success
- Benefiting development teams through automation and self-service features, allowing businesses to react more readily to business needs and deliver more new applications faster
- Understanding configuration of their hybrid IT infrastructures, enabling proactive steps to address potential security vulnerabilities and improving security posture
- Improving business results, including better availability of important business applications, enhanced IT systems agility, and reduced operational and business losses associated with performance issues

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