

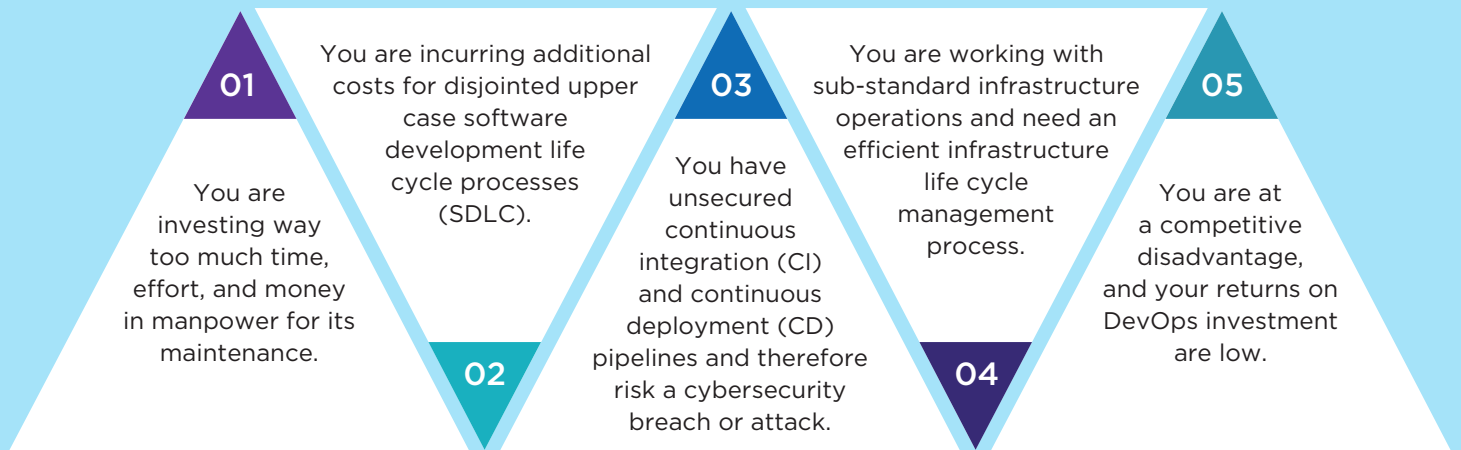
# Collaboration builds the best software

Bring your developers,  
operations, and business  
teams together!



**RAPID:** *A self-service DevOps platform that redefines enterprise collaboration to build software.*

## Bogged down by legacy DevOps solutions? If so, you will relate to the following:



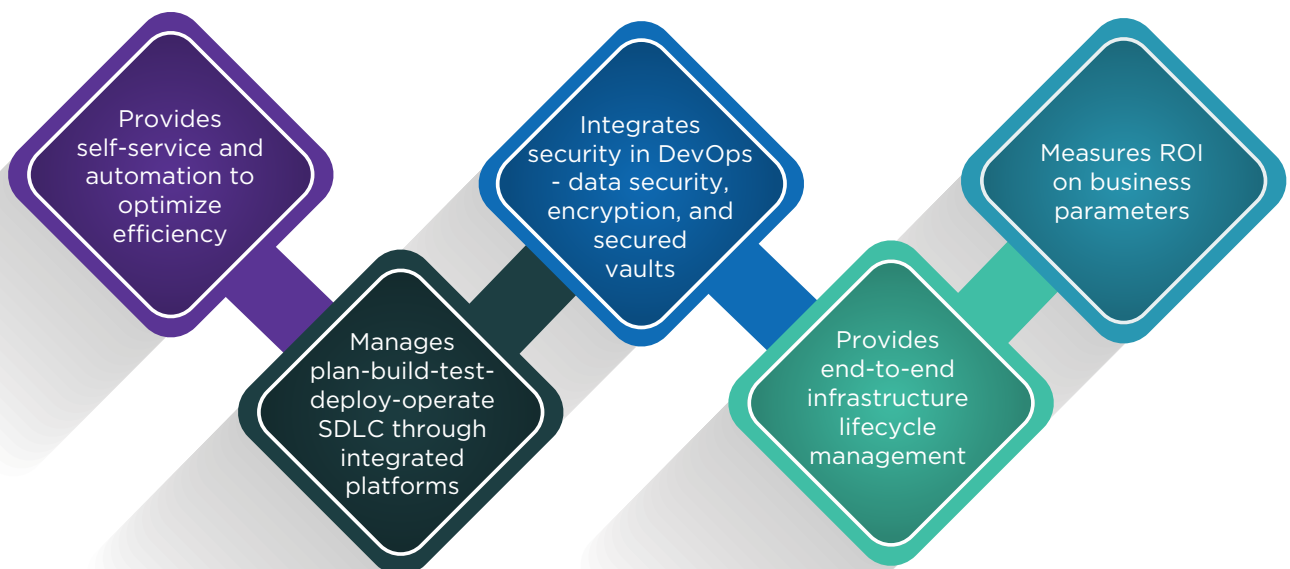
## Reinvent the process of application development with a platform-based DevOps solution

Shorten the time from ideation to delivery of software with RAPID, a unified, customer-centric platform that standardizes DevOps across teams for speedier yet secure development.

[Gartner](#)<sup>1</sup> strongly recommends a platform-based DevOps approach to enable product innovation and enable product teams. Leverage RAPID, HCL's platform-based DevOps solution, to respond swiftly to your market demands.

Use the RAPID DevOps platform as a turnkey to quickly set up DevOps for applications and software, without worrying about scalability, high availability, backup, cyber security, cost governance, and access control.

RAPID is an overarching framework that brings in the necessary standardization and best practices to enterprise DevOps implementation.



With RAPID, you can reclaim time and integrate your teams over a unified DevOps platform while instituting an efficient pace and process that meets the demands of your business.

## What is RAPID?

RAPID is a cutting-edge, self-service enterprise DevOps platform that can be used concurrently by multiple teams in the organization. Once set up, RAPID brings together all DevOps areas into a connected system for maximum impact and swifter delivery. It comes with built-in automation technology, cyber security, and platform services.

At HCL, we believe DevOps is all about people and culture. RAPID helps teams with a DevOps mindset to practice DevOps by making them self-sufficient.

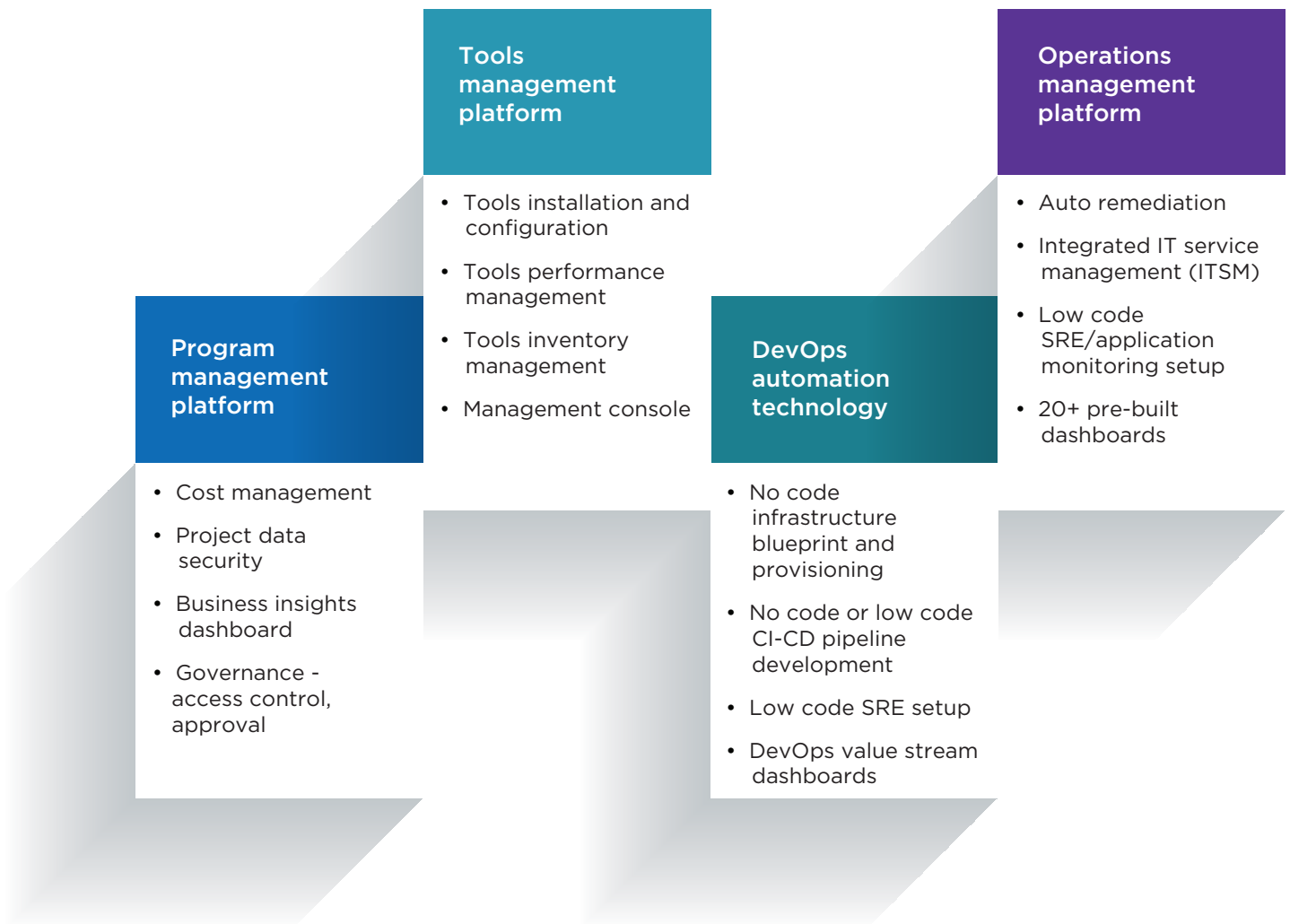
### **RAPID is a package of multiple subsystems, the prominent ones being:**

- **HADRON** - Digital toolbox to graphically design DevOps blueprints such as CI-CD pipelines, cloud infrastructure, Kubernetes clusters, and Telco labs
- **iPro** - GUI-based infrastructure lifecycle management platform
- **iCosmos** - For continuous monitoring, alerting, and auto-remediation
- **InKubation** - End-to-end Kubernetes lifecycle management engine
- **DoJo** - Container security framework

### **RAPID is a one-stop solution to streamline development:**

- DevOps program management, governance, and control
- Infrastructure lifecycle management
- Container orchestration and lifecycle management
- Tools management and tool chaining
- DevSecOps pipelines orchestration
- Application monitoring/SRE automation
- Value streams dashboards

# Key features of RAPID



## What makes RAPID different?

- **Self-service portal** with in-built platform security features such as single sign-on (SSO), secure sockets layer (SSL), anti-forgery, cyber security, data encryption, identity management, and authorization
- **Tutorials and videos** of solutions for beginners
- **Tracking and status updates** to stay updated via the web/email
- **FAQs** and a configurable knowledge base
- **Intuitive user interface (UI)**, accessible from multiple devices
- **Integrated communication tools** such as chat, forums, and social tools
- **Level one functions**, such as a password reset
- **Analytics and dashboards** to ensure visibility and monitoring

# Why RAPID?

RAPID equips the development teams to mitigate risks, control costs, and increase efficiency. Here's how:



RAPID unifies teams with the business-development-security-operations (Biz-Dev-Sec-Ops) model to confidently deliver software to customers and efficiently manage the complexities in business, engineering, process, and culture.



RAPID provides you with a blueprint of the DevOps journey from the onset and tracks progress.



Tasks such as setting up of infrastructure, DevOps pipeline, etc. are all automated with RAPID, which ensures Day 0 readiness of DevOps for an application.



RAPID has been recognized by [CIMData<sup>2</sup>](#) as a platform to help organizations reach the next level of DevOps maturity.



Reduce 20-40% of the effort typically required to set up DevOps



Gain 5x times acceleration in DevOps adoption

## Success stories

1

### RAPID enables a telecom and networking original equipment manufacturer (OEM) to significantly optimize cost and increase efficiency

**Scenario:** A telecom and networking OEM client wanted to reduce SDLC efforts and overhead costs by 20% for its telecom products based on legacy technologies. The client also wanted to efficiently manage multiple stakeholders - IT, DevOps, business and engineering teams.



#### Solution:

We assessed the client's architecture and technology landscape before customizing and implementing RAPID to manage and administer the DevOps implementation. We used JIRA reporting with defined service-level agreements (SLAs) for tracking progress and reporting. For soft requirements like training and cultural change management, we used HCL's DevOps adoption framework.



#### Result:

The customer reduced the idle time of development teams and test teams by 10%, optimized cost by implementing one DevOps platform, and established transparency through published dashboards and reports.

2

## **iPro (a subsystem of RAPID) helps an IP conferencing solution provider create a low cost, scalable infrastructure for deployment in multiple regions, in multiple cloud platforms**

**Scenario:** A US-based IP conferencing solution provider needed clustered Kubernetes-based environments on the cloud for dynamic management of the application workload for their customers. A scalable infrastructure was required to be deployed in multiple regions, in multiple cloud platforms.



### **Solution:**

HCL implemented iPro (one of the subsystems of RAPID) which enabled the client to design complex infrastructure deployments and create clustered Kubernetes-based environments on the cloud within a short time. iPro also offered this client multi-region support through which the customer can add DevOps automation and infrastructure to multiple regions from a single screen and manage the environment efficiently throughout its lifecycle.



### **Result:**

The client significantly reduced the infrastructure provisioning time and application downtime while also keeping control over the cost overruns. The client was able to manage multiple customer environments from a single platform through a unified dashboard.

## **References**

1. <https://blogs.gartner.com/manjunath-bhat/2020/12/19/gartner-research-roundup-for-devops-2020/>
2. <https://www.cimdata.com/en/resources/complimentary-reports-research/commentaries/item/17654-accelerating-innovation-in-embedded-systems-by-adopting-devops-commentary>

For more information, visit: [DevSecOps Framework Services and Solutions | HCL Technologies](#)

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