Create a seamless, cloud native environment with the ITG Cloud Infrastructure Stack

Is legacy IT infrastructure holding your organisation back?
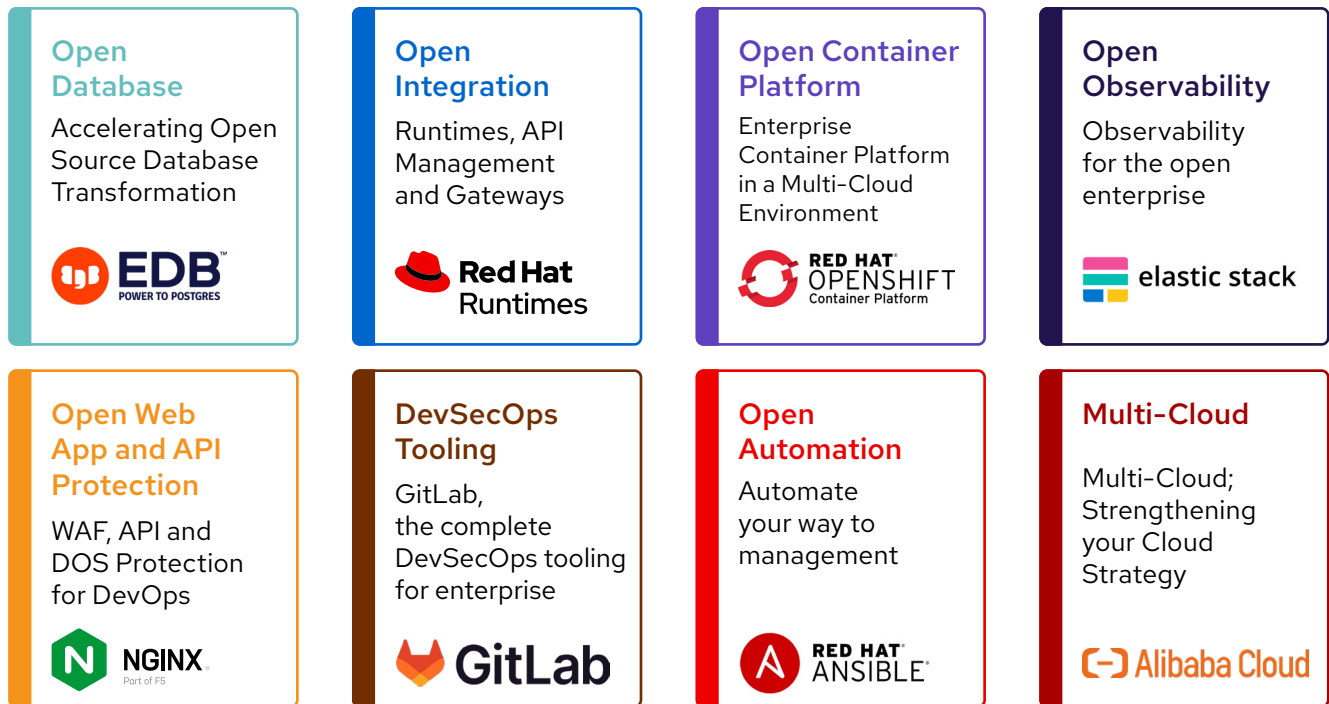
Digital innovation relies on modern, cloud-based IT infrastructure. Yet many organisations are still relying on legacy infrastructure which can inhibit growth and agility. As well as being costly to maintain, traditional IT systems can also be more onerous from a security and compliance perspective – especially in sectors with sensitive data, like finance and healthcare. Traditional infrastructure can also be hard to scale, secure and standardise across multiple countries and jurisdictions. All of these challenges can prevent organisations from embracing new and potentially transformative digital technologies.

Take the open road to IT modernisation with IT Group Inc.

Cloud Infrastructure Stack (CIS+) from IT Group Inc is an innovative, customisable, and end-to-end modernisation solution. It helps organisations shed the constraints of legacy infrastructure and embrace modern, open source technologies—quickly, seamlessly, and in the way that's right for their organisation.

- **Future-ready** — With its highly scalable virtual infrastructure and use of cutting-edge open source technologies, CIS+ enables you to respond very quickly to changes in the market and maintain competitive advantage.

- **Robust security and compliance** — CIS+ is meticulously designed to meet stringent industry standards such as PCI DSS, Common Criteria, and FIPS—ensuring data protection, regulatory adherence, and risk mitigation.

- **Cost optimisation** — Leveraging a range of trusted open source technologies, CIS+ enables you to allocate resources strategically, invest in innovation, and increase your bottom line.

- **Freedom from vendor lock-in** — Choose which vendors and solutions you wish to integrate into your infrastructure, and switch between vendors as your business evolve.

- **Flexibility and agility** — CIS+ also offers a complete stack for DevSecOps or GitOps operations, ensuring you can operate with optimal agility and control.

- **Mitigate risk** — CIS+ incorporates robust disaster recovery and backup capabilities, reducing the risk of data loss and ensuring uninterrupted operations.

- **Global reach** — whether you operate locally or globally, CIS + offers a standardised solution which can be deployed across different geographies, simplifying IT management.

- **Data control** — Maintain control over your data with options for data localisation and compliance, addressing data privacy and sovereignty concerns.
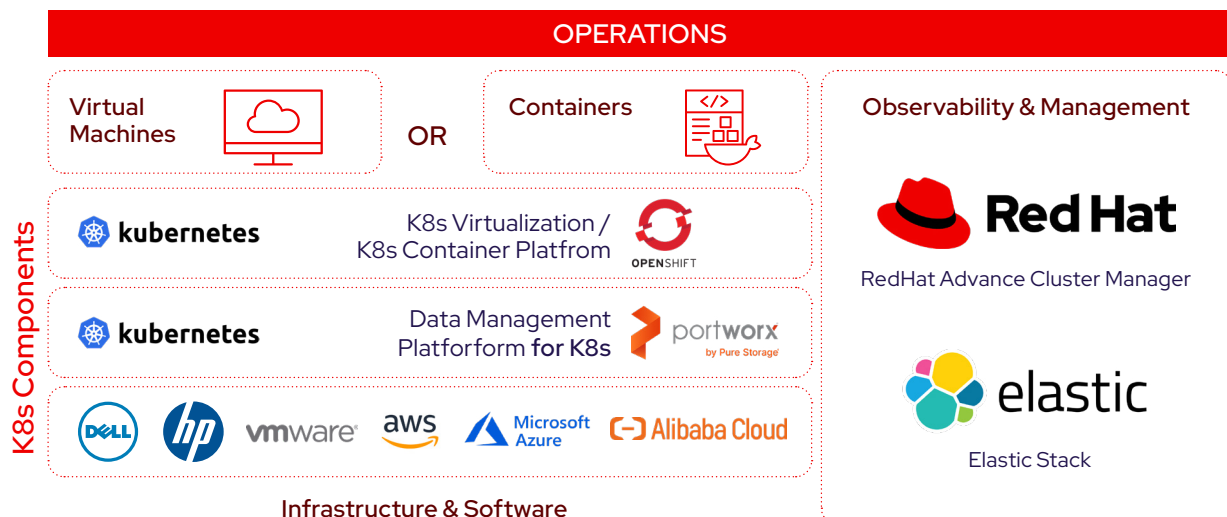
Open Road to IT Modernization

Open Database
Accelerating Open Source Database Transformation

EDB POWER TO POSTGRES

Open Integration
Runtimes, API Management and Gateways

Red Hat Runtimes

Open Container Platform
Enterprise Container Platform in a Multi-Cloud Environment

RED HAT OPENSHIFT Container Platform

Open Observability
Observability for the open enterprise

elastic stack

Open Web App and API Protection
WAF, API and DOS Protection for DevOps

NGINX Part of F5

DevSecOps Tooling
GitLab, the complete DevSecOps tooling for enterprise

GitLab

Open Automation
Automate your way to management

RED HAT ANSIBLE

Multi-Cloud
Multi-Cloud; Strengthening your Cloud Strategy

Alibaba Cloud

Leverage CIS+ in the way that's right for your organisation's needs

CIS+ Kubernetes for Traditional and Modernised Applications

Give your infrastructure and application teams a single Kubernetes platform built for hybrid and multi-cloud environments to run traditional applications and modernised applications.

Case 1 - Kubernetes for Traditional and Modern Workloads

OPERATIONS

Virtual Machines **OR** Containers

Observability & Management

kubernetes K8s Virtualization / K8s Container Platfrom **OPENSHIFT**

kubernetes Data Management Platforform for K8s **portworx** by Pure Storage

DELL HP vmware aws Microsoft Azure Alibaba Cloud

K8s Components

Infrastructure & Software

Red Hat
RedHat Advance Cluster Manager
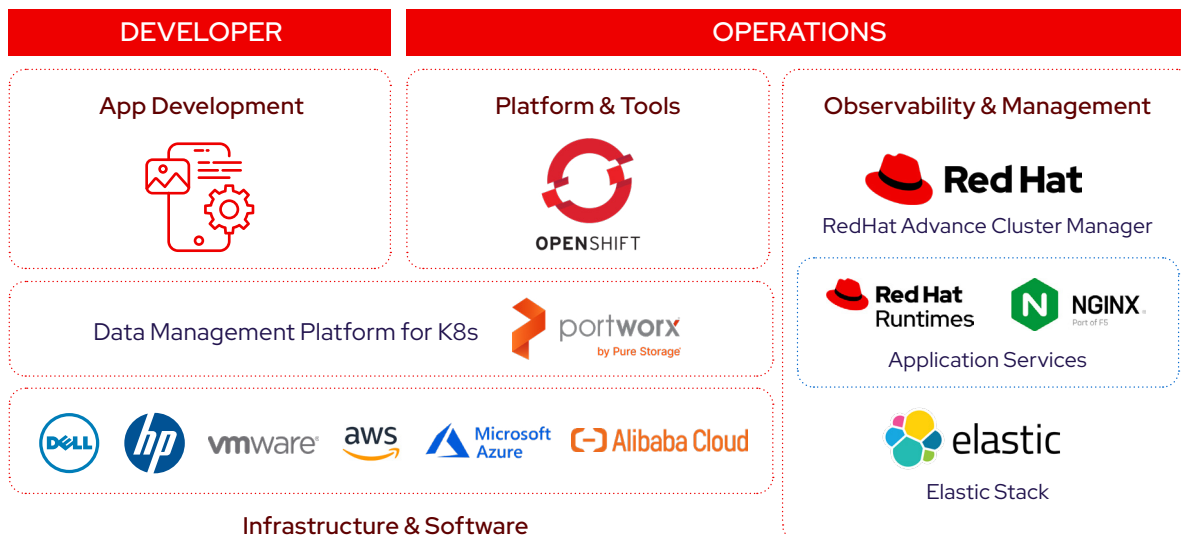
elastic
Elastic Stack

IT Group | Solutions Overview

CIS+ DevSecOps Solution Stack

Provide your development teams with digital infrastructure and automated tools to produce software as reliably and securely as possible.
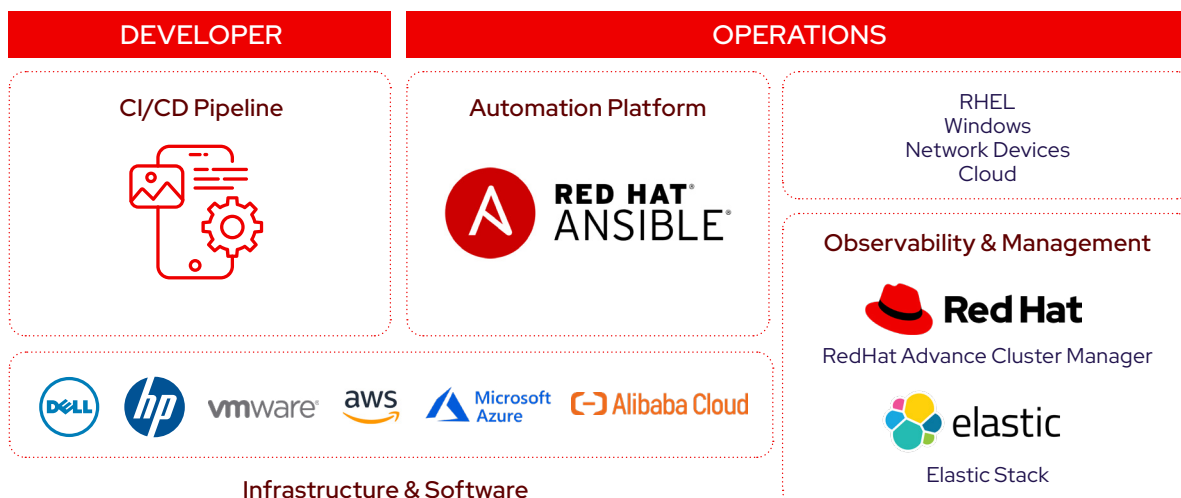
Case 2 – DevSecOps Solution Overview

DEVELOPER	OPERATIONS	
App Development	**Platform & Tools**	**Observability & Management**
	OPENSHIFT	Red Hat — RedHat Advance Cluster Manager
Data Management Platform for K8s	portworx by Pure Storage	Red Hat Runtimes · NGINX — Application Services
DELL · hp · vmware · aws · Microsoft Azure · Alibaba Cloud		elastic — Elastic Stack
Infrastructure & Software		

CIS+ GitOps (IaaC) Solution Stack

Establish a robust automation platform that will allow your teams to manage IT Infrastructure Day 0 – Day 2 Operations.

Case 3 – GitOps Solution Overview

DEVELOPER	OPERATIONS	
CI/CD Pipeline	**Automation Platform**	RHEL Windows Network Devices Cloud
	RED HAT ANSIBLE	**Observability & Management**
DELL · hp · vmware · aws · Microsoft Azure · Alibaba Cloud		Red Hat — RedHat Advance Cluster Manager
Infrastructure & Software		elastic — Elastic Stack

IT Group | Solutions Overview

Why IT Group?

We understand the crucial role your IT infrastructure plays in achieving digital transformation and remaining competitive in today's business landscape.

With over 20 years' experience, ITG has been a trusted provider of enterprise open source solutions across the Philippines, Malaysia, Singapore, and Indonesia. In addition to our technology, we provide expert support and training to ensure our clients' transition to open source is as smooth as possible.
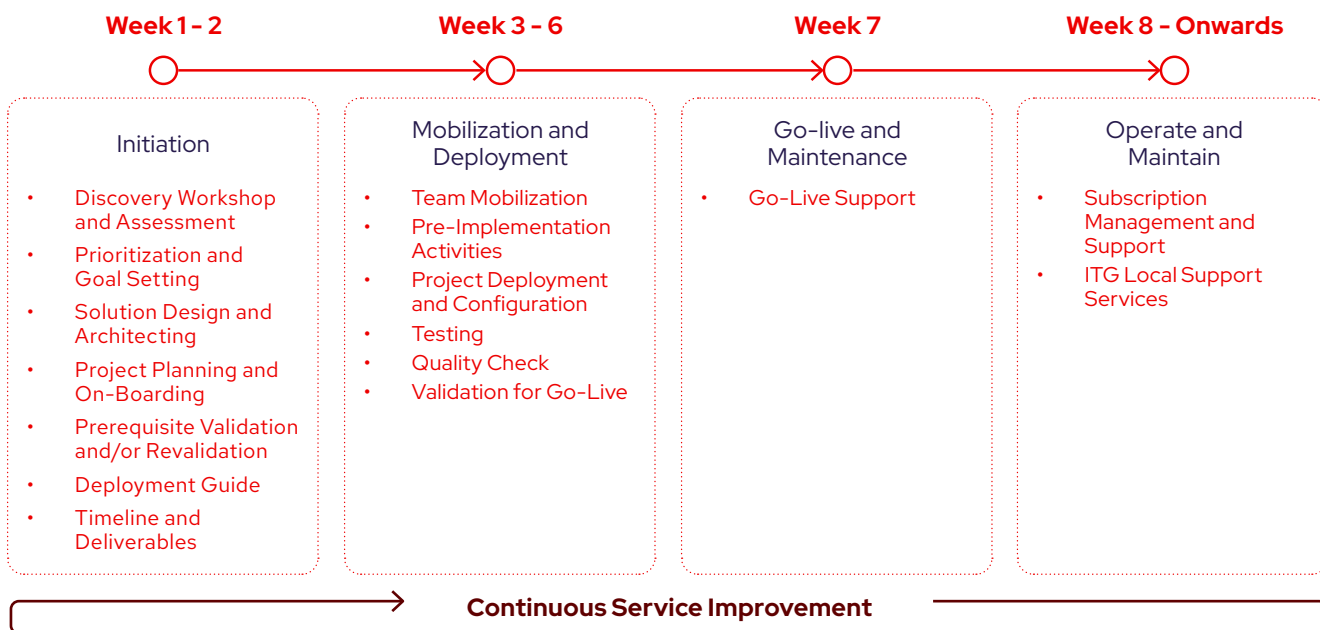
Technology used

- Red Hat Enterprise Linux
- Red Hat OpenShift
- Red Hat Satellite and Insights
- Red Hat Ansible Automation Platform
- Red Hat Runtimes

Key benefits

- Platform for digital innovation
- Scalability and agility
- Automated processes
- Efficiency and cost control
- Risk mitigation
- Solutions Interoperability

Engagement Timeline

Week 1 - 2	Week 3 - 6	Week 7	Week 8 - Onwards
Initiation	**Mobilization and Deployment**	**Go-live and Maintenance**	**Operate and Maintain**
• Discovery Workshop and Assessment • Prioritization and Goal Setting • Solution Design and Architecting • Project Planning and On-Boarding • Prerequisite Validation and/or Revalidation • Deployment Guide • Timeline and Deliverables	• Team Mobilization • Pre-Implementation Activities • Project Deployment and Configuration • Testing • Quality Check • Validation for Go-Live	• Go-Live Support	• Subscription Management and Support • ITG Local Support Services

Continuous Service Improvement

About Red Hat

Red Hat helps customers standardise across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with award-winning support, training, and consulting services.

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