DEVELOPMENT FOUNDATION PLATFORM

The challenge

Originally, code was the domain of software developers who built tools like Git and CI/CD to support the software lifecycle.

However, two trends are challenging this model. First, code is now deployed into production daily, and infrastructure teams use it to automate infrastructure provisioning and operations. Second, code must be available 24/7, highly secured, and governed. Infrastructure teams need to transform their processes to embrace code, Git, and DevOps toolchains for their daily work.

Service offering

The Development Foundation Platform (DFP) is a DevSecOps platform designed to support all teams, from infrastructure administrators to software developers. It provides a well-regulated and operated service for developing, testing, and deploying code, configurations, and software with confidence. The DFP platform team builds and operates the platform to deliver value to "as-Code" teams. This includes:

- Building and operating the toolchain, meeting "as-Code" team requirements, and applying necessary governance and security standards.

- Enabling teams to effectively use the platform by providing templates, best practices, automation examples, hands-on training, and style guides.

Service features

- DFP ensures that the DevOps toolchain is always available for changing configurations in a global IT landscape and deploying new features and applications consistently and safely.

- It provides measurement feedback to teams and management, supporting continuous improvement using value stream optimisation and DevOps DORA metrics.

- DFP offers guidance on selecting and consuming Open-Source Software (OSS) technologies, learning best practices from OSS communities, and incorporating open source in innovation management.

- Trustworthy AI is integrated into the DevOps toolchain to speed up "as-Code" strategies and automation.

- It enables teams to effectively use DevOps tools through best practices, hands-on training, templates, documentation, and enablement skills embedded within the "as-code" teams.

- DFP supports the transformation from traditional IT management to "as-code" based management strategies, embracing new ways of working.

- Integration with IT Service Management ensures governance while implementing high automation and fast deployment for applications and configuration changes.

Our approach

Adopting modern software development practices takes time and goes beyond providing a platform. Developers worry that strict standards and centralised services might limit their freedom and experimentation, leading to complex processes and approvals. Our DFP services takes this into account, taking the following approach:

- Set up and continuously enhance a highly scalable, secure, and regulated DFP with true operational capabilities available 24/7.

- Enable teams, so they build trust and confidently use the platform.

- Provide effective developer experiences, room for experimentation, and self-service consumption.

- Support operations teams in aligning closely with development teams, fostering an "as-code" strategy based on the same platform.

- Enable security and audit teams to implement requirements in an automated way through code and monitor progress using available reports and dashboards.

- Manage the platform jointly with the customer's team or by providing dedicated teams.

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Customer benefits

- Access to an enterprise DevOps platform for automated and standardised pipeline delivery.
- Consistent, repeatable, and scalable activities, including artifact build, testing, and security scanning.
- Available to all code-related teams, promoting collaboration and consistency.

- Balances governance with autonomy in coding and automation.
- Improves code quality and reduces defects and security vulnerabilities.
- Enhances talent retention through a world-class development experience.

We focus on engendering collaboration and standards

We take a vendor agnostic, holistic approach

End-to-end structured engagement (assessment to adoption and operation)

Leverage both near and offshore capability to optimise delivery

Deep, long standing vendor relationships

Services

Assessment services

- DevSecOps value stream assessment
- OSS guidelines and best practices
- Strategy and vision review
- Technology review and selection

Deployment services

- Unified DevOps platforms
- Software security, test and deployment automation
- Software planning and operations
- Observability

Adoption services

- Community creation, ways of working and process adoption
- Pipeline migration, software pipeline readiness
- Developer readiness
- SCM migrations
- Migration and consolidation of existing DevOps tools

90m
90m lines of code with improved quality

1,000+
1,000+ CI/CD pipelines implemented and improved

150+
150+ DevSecOps teams transformed and enabled

50+
50+ DevSecOps and developer velocity projects delivered

To understand more about how Computacenter can support your organisation with our Developer Foundation Platform services, please contact your Computacenter account manager.

www.computacenter.com