

The customer challenge

Developers are constantly under pressure to deliver more quickly and at greater scale. Yet with CI/CD pipelines constrained by a lack of standards, an inability to automate, the constant need to assess for vulnerabilities, and siloed operations it is unsurprising that developers are struggling to meet business demands.

Service offering

Development foundation platform (DFP) is a professional services offering designed to help developers establish a home for all their code and tools, and a place from which to manage and interact with their application and infrastructure code base.

Computacenter's offering includes the design, build, operation and future optimisation of a DFP based on Gitlab, Hashicorp Vault and Prisma Cloud, and will also support customer teams to acquire the tool chain required to plan, document, develop and store the code, consuming artefacts and container images as required.

Our DFP service includes the provision of unified CI/CD tools for automating the path to production and provides metrics to measure and improve development efficiency and quality, based on DORA and value stream management principles. Most importantly we provide enablement services for '-as-code' teams from edge to cloud through to application development, to support them in the developing and running their solutions.

Service features

- Provides insight into open-source software compliance, implementation of software composition analysis and OSS policy controls.
- Discovery of current open-source software deployment.
- Analysis and reporting on licensing, standards and security posture.
- Advice on best practice OSS policy controls and implementation methods.
- Automated methods of software composition analysis.
- Automated and policy driven security controls.
- DevSecOps consulting services.
- Business case development for improved application security testing across the software delivery lifecycle.
- Architect and engineering skills to implement improved DevSecOps policies, automated controls & technologies.
- Scaling of software delivery by standardised CI/CD & software management tool chains and integrating into hybrid cloud platforms.
- Project, architect and engineering skills to assessing the business case for standardising the CI/CD tool chain.
- Support to implement an enterprise platform, a common library for automating application deployment and managing the lifecycle of software in virtual and container cloud platforms.

Our approach

To enable a trusted and effective software delivery model, the Computacenter team takes a structured, programmatic approach that encompasses the follow steps:

Implement the platform – We will stand up a central CI/CD Platform as a Service, and equip it with pre-canned, low value, repetitive tasks from every development team.

Gain visibility – Working with all developer teams we will establish a working ‘end-to-example’ pipeline and embed examples of key security integrations. We will use this sample to measure improvement.

Education – We will deliver online training, hacking workshops and security champion programs, to embed a common approach and shift left security into the standard pipeline.

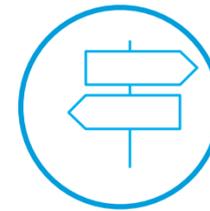
Governance – Provision of expertise to assess effectiveness of approach with advice and guidance on how to continually improve process and drive greater collaboration.

Customer benefits

- Access to a standardised enterprise CI/CD platform to enable standardised, automated pipeline delivery.
- Consistent, repeatable and scalable task activity covering artifact build and store, testing and security scanning.
- Available to multiple teams, helping to drive more collaboration and consistency.
- Establishes greater governance, whilst also enabling more developer autonomy.
- Improved quality of code and a reduction in defects and security vulnerabilities.
- Talent retention through 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)



Leverage both near- & offshore capability to optimise delivery



Deep, long standing vendor relationships

SERVICES

Assessment services

DevSecOps value stream assessment
Hashicorp adoption review
Strategy and vision review
Technology review and selection

Deployment services

Unified CI/CD platforms
Software security automation
Software test automation
Software planning & operations
Software deployment automation
Observability

Adoption services

Community creation, ways of working & process adoption
Pipeline migration, SW pipeline readiness
Developer readiness
SCM migrations
Software image migrations

90Mio

Improved quality of lines of code

1000+

Implemented and improved CI/CD Pipelines

150+

Transformed and enabled DevSecOps teams

50 +

DevSecOps and developer velocity projects delivered