

Is
Scale a key challenge for
DevSecOps Transformation
in your organization?





Mission DevSecOps at Scale using Live Enterprise

Platform approach

INFOSYS LIVE ENTERPRISE

Agenda

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About us

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Mission DevSecOps at Scale

03

Challenges

04

Infosys DevSecOps Platform

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Results

Scale at Infosys

Infosys

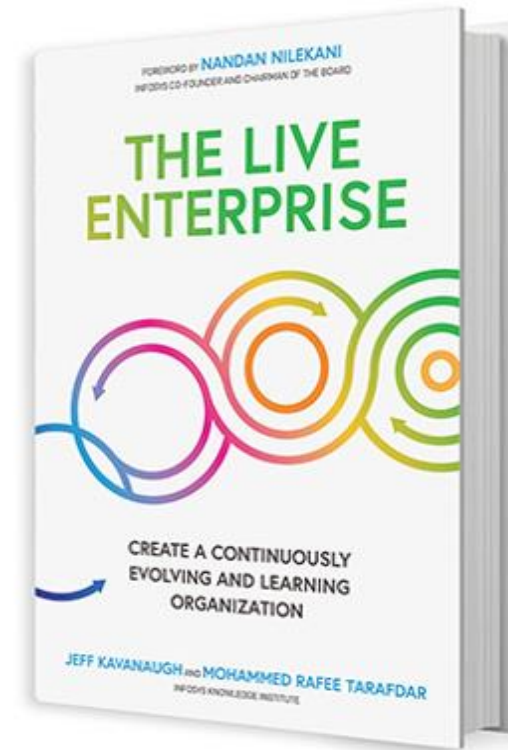
2,49,312
Employees

US\$ 13.15 billion
Total revenue (LTM)

46
Countries we are present in

InfosysIT

10 Million+
Daily hits



We are transforming Infosys to be a
Live Enterprise...

Pre-AGILE Era

- 200+ WebApps
- Manual FT
- In-house built release tools



Technology modernization

- Open source technologies adoption
- .NET to SpringBoot, Angular movement

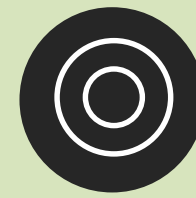
Realigning Tools On-The-Fly

- Nexus/DTR to JFrog
- Docker Swarm to Kubernetes
- Integration with Governance Tools
- Checkmarx to Fortify
- TrendMicro to JFrog Xray

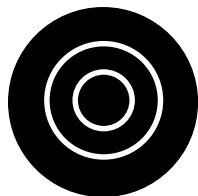


Continuous Testing & Delivery

- Cloud and Containerised deployments
- Database deployments
- Infrastructure automation
- API, FT, PT tools integration

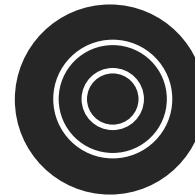


- Tailored training programs
- Agile assessment framework
- Agile certifications



Agile Enablement

- Build Automation
- Configuration Management
- Code Quality – SonarQube
- Deployments to lower environments



Continuous Integration

- Self healing
- Chaos engineering
- Auto remediation
- AI/ML based recommendations and analytics for each persona

SRE & AI/ML powered insights

Infosys IT DevSecOps Transformation Journey



Do we want to scale
DevSecOps adoption across
thousands of components?

Are technology changes
disrupting automation
setup?

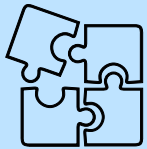
How do we cope with
constantly changing
tools?



Infosys DevSecOps Platform

Infosys DevSecOps Platform (IDP) is an enterprise class DevSecOps solution that offers a platform approach to *enable distributed Agile & DevOps transformation – with quality, speed and at scale*

It is built on “Live Enterprise” principles and possesses capabilities to act as a key enabler towards the sentient DevSecOps tooling ecosystem.



Ease of Use

- No Code DevSecOps
- GUI based configuration
- Ease of adoption – script less automation
- Standardized engineering practices, habits, routines
- Instant feedback
- Observability



Scalable

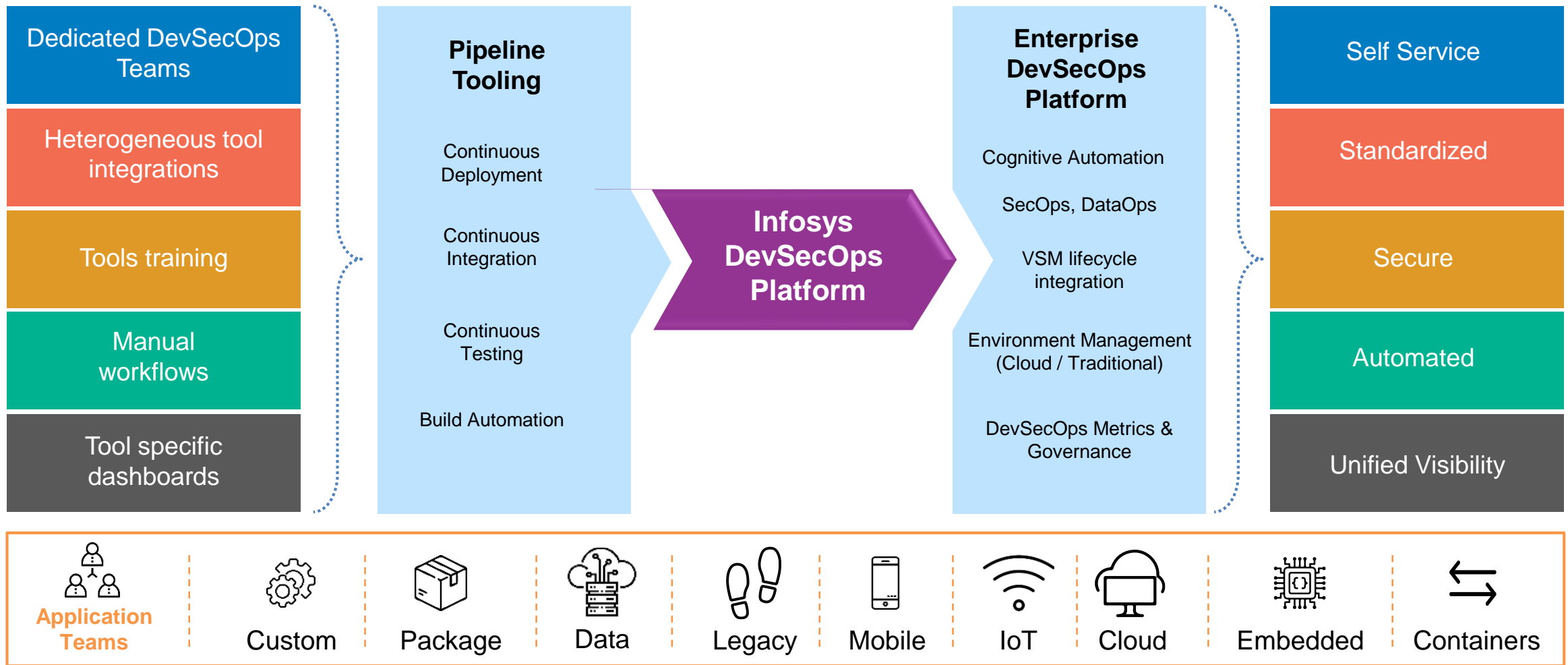
- Plug N Play for Heterogeneous technologies
- Tools & Technology migration with minimal disruption
- Scale across a hybrid Cloud ecosystem
- Micro Services & Container technology



Governance

- Role based access control, Gating & Policy controls
- DevSecOps compliant templates
- Shift left
- Auditability & SOX compliance
- AI/ML based insights
- Telemetry, Agile and Developer Analytics

Shifting towards a DevSecOps ecosystem powered by IDP



Results

2X	<i>Productivity</i>
3X	<i>Velocity</i>
75%	<i>Lead time improvement</i>
25%	<i>Ticket inflow reduction</i>
60%	<i>Reduction in turn around time in Service Testing</i>
80%	<i>Reduction in turn around time in Regression Testing</i>
10%	<i>Reduction in turn around time in Cloud Releases</i>
20%	<i>Improvement in code quality</i>
4X	<i>Increase in automated deployments</i>
20%	<i>Increase CT adoption</i>



THANKS

INFOSYS LIVE ENTERPRISE