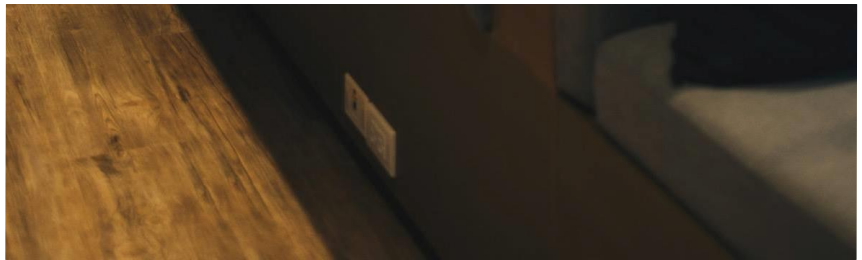
DevSecOps Services

Services
Introduction



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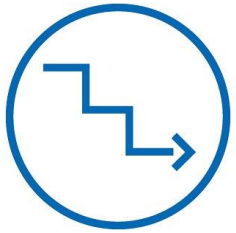
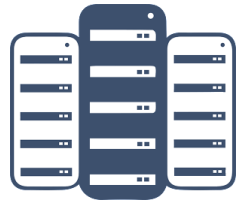
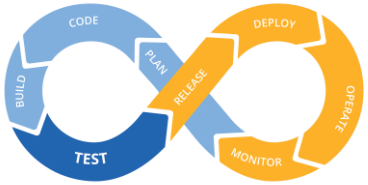
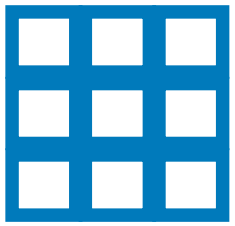
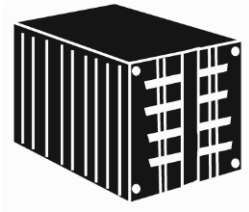
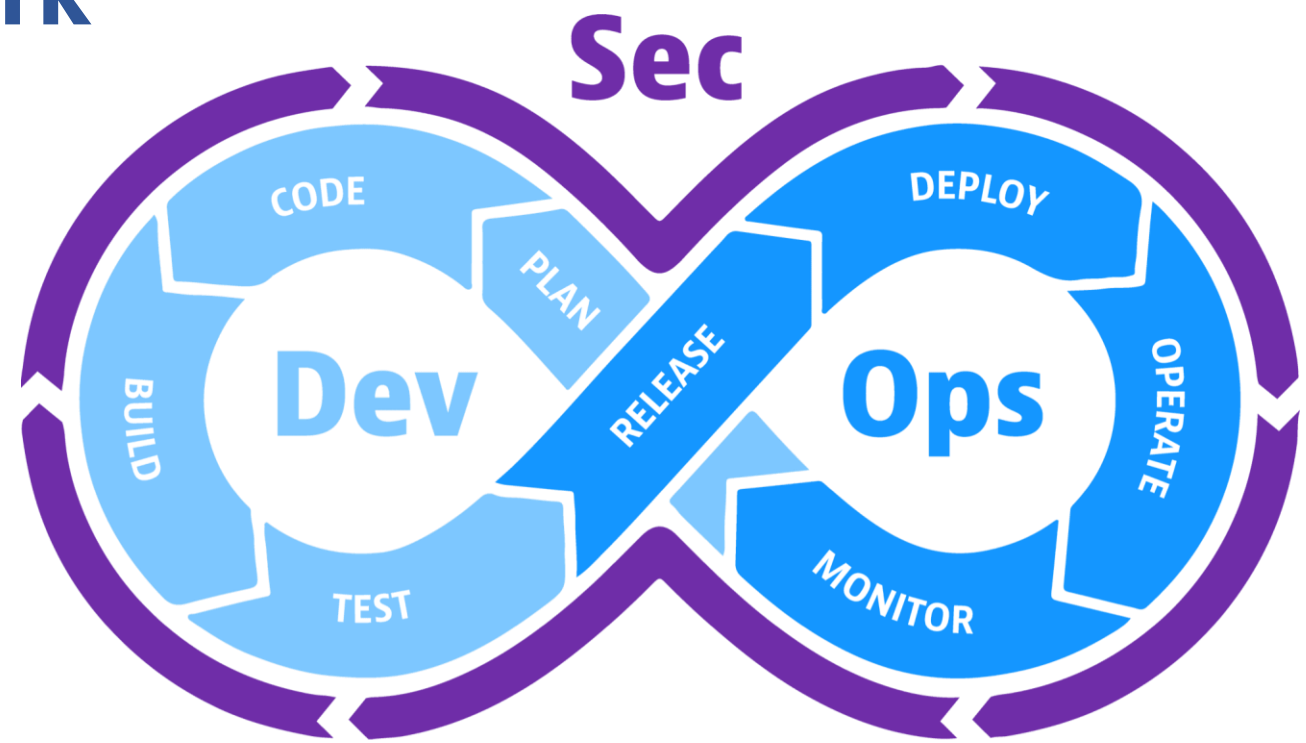
DEVELOPMENT PROCESS	APPLICATION ARCHITECT	DEPLOYMENT PACKAGING	APPLICATION INFRASTRUCTURE
 WATERFALL	MONOLITHIC	PHYSICAL	 DATACENTER
AGILE	N-TIER	VIRTUAL	HOSTED
	 MICROSERVICES	 CONTAINER	CLOUD

Our Framework



Plan, Code, Build, Test, Release, Deploy, Operate, Monitor

+

Security

Why DevOps/DevSecOps Trends

- **People with Application**
  - Customer Behavior Changed – COVID19, E-Commerce & etc.
  - Faster & Innovative Services
- **Processes with Application Release**
  - Reduce Gap of Processes with Automation
  - Faster Delivery to the Market for better competitive
- **Technology**
  - New Technology adoption
  - Microservices

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Why DevOps/DevSecOps Transformation

Business Side

- Maximizes Efficiency with Automation
- Optimizes the Entire Business
- Reduced time to market
- Faster innovation

Dev/Sec/Ops Working Team

- Improves Speed and Stability of Software Development and Deployment
- More opportunities for automated builds and quality assurance testing
- Greater speed and agility for all teams
- An ability to respond to change and needs rapidly.
- Better collaboration and communication among teams.

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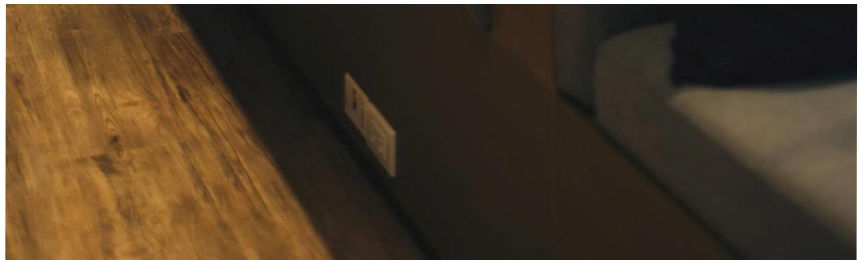
Services Portfolios



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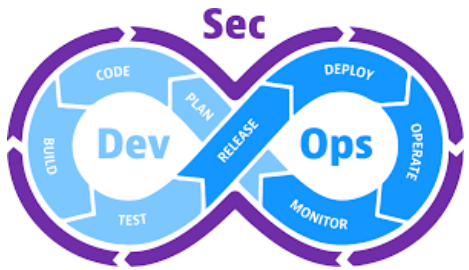
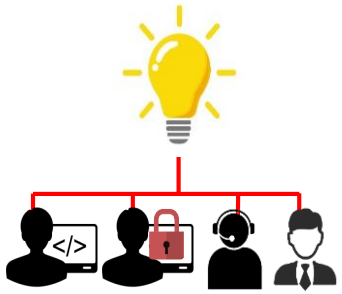
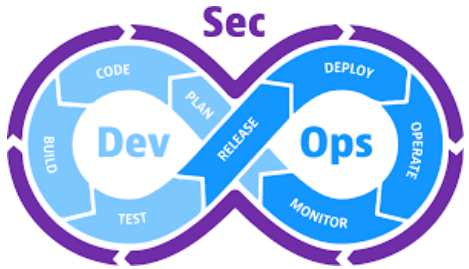
DevSecOps Transformation Services

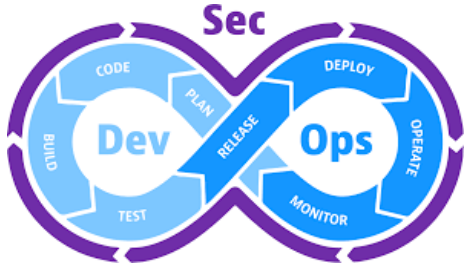


Culture Transformation

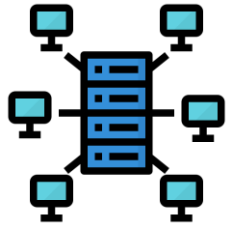




Technology Transformation



Enterprise Transformation



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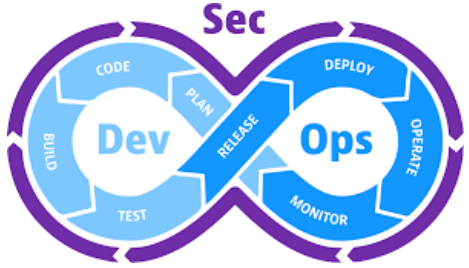

Services & Support

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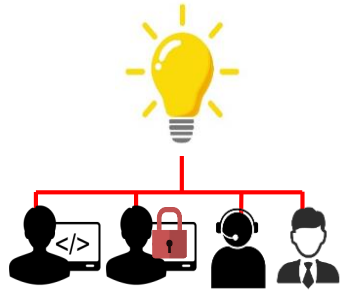
Culture Transformation

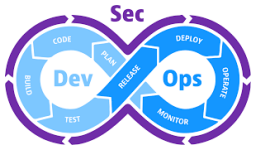
Assessment

Training & Workshop



Evaluation

1 — 2 — 3



Framework

- Deliverables
  - Assessment Report
  - KPI Template
  - Evaluation Result
  - Drafted Roadmap & Recommendation (Short Term up to Middle Term)

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Always Exceed Expectation

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Technology Transformation

Dev Team

Developer

Commit Code

Code Repository

Trigger

Ops Team

Sec Team

Report & Results

Report & Results

Report & Results

DevOps Orchestrator

Azure DevOps

sonarqube

Atlassian JIRA

JFrog Artifactory

Microsoft Teams

And more …

Integrated Economy Components

Designed CI/CD Pipelines

Designed CI/CD Pipelines

CSOC Integration

Platform/Environment

Deployment Targets

PHYSICAL VIRTUAL PRIVATE PUBLIC HYBRID

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Enterprise Transformation

Dev Team

Developer

Commit Code

Code Repository

Trigger

Ops Team

Sec Team

Report & Results

Report & Results

Report & Results

DevOps Orchestrator

Azure DevOps

coverity

BLACKDUCK

Atlassian JIRA

JFrog Artifactory

synopsys

aqua

Microsoft Teams

And more …

Integrated Enterprise Components

Designed CI/CD Pipelines

Designed CI/CD Pipelines

CSOC Integration

Platform/Environment

Deployment Targets

PHYSICAL

VIRTUAL

PRIVATE

PUBLIC

HYBRID

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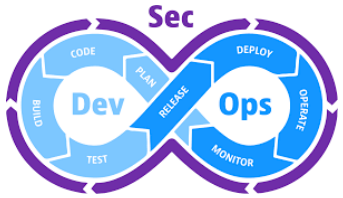

Technology & Enterprise Transformation

Deliverables

- Implemented Selected CI/CD Pipelines Technology/Enterprise Stack
- Implemented CI/CD Pipelines components based on selected stack and agreed design
- CI/CD Pipelines Design & Integration with 5 Sample Pipelines
- UAT Document & Configuration Document for handover
- 1 Day On-the-Job Training (OJT) for Knowledge Transition

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Services & Support

Type 1

Technology Transformation

Enterprise Transformation

Deliverable DevOps or DevSecOps Services & Support – Type 1

- Provide 1st Tier Support for Incident (SLA 24x7 or 8x5) for 12 Months
- Maintain existing CI/CD Pipelines Designed & Integration and create new agreed CI/CD Pipelines Design & Integration not over 30 Sample Pipelines per year
- Other Optional as agreed (If Any)

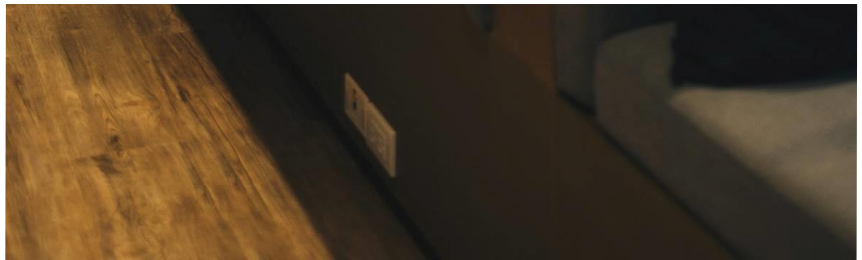
Type 2

Services Enhancement by Demands

- **Deliverable DevOps or DevSecOps Services & Support – Type 2**
  - Summary of agreed SOW after Assessment
  - Perform tasks by agreed SOW*
  - UAT Document & Configuration Document for handover
  - 1 Day On-the-Job Training (OJT) for Knowledge Transition
  - Other Optional as agreed (If Any)

* Will Responsible only implemented components and CI/CD Pipelines which perform by our team and other previous components need to discuss again

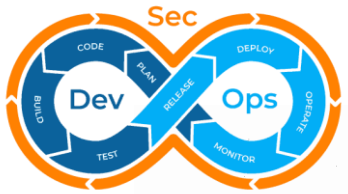
Summary



FAQ

If our organization didn't have or start any DevOps/DevSecOps, how do we start?

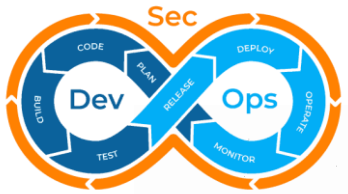
That's great question, we recommend to start discussion with our DSO Culture Transformation



FAQ

If our organization just started DevOps/DevSecOps, what is your recommendations?

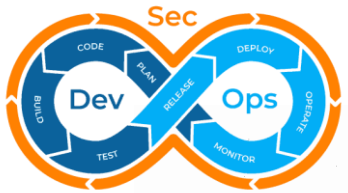
If you just started them, we would like to discuss more about DSO Technology or Enterprise Transformation.



FAQ

If our organization already have DevOps/DevSecOps and need some enhancement, what is your recommendations?

If you already had your own DevOps/DevSecOps and need enhancement, we would like to discuss more about DSO Services & Support (Type 2)



Flow Chart

Customers

Start

Do you have DevOps/DevSecOps?

- **No, we don't**
- **We want to study or just started studying them**
- **We have plan for future**

Recommend

DevSecOps Culture Transformation

- **We just started and need to get some pilot pipelines**
- **Need to continue from culture build up**

Optional

Recommend

Extended

DevSecOps Tech/Ent Transformation + Services & Support (Type 1)

- **We already have DevOps & DevSecOps here but need more enhancement**

Recommend

DevSecOps Services & Support (Type 2)

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