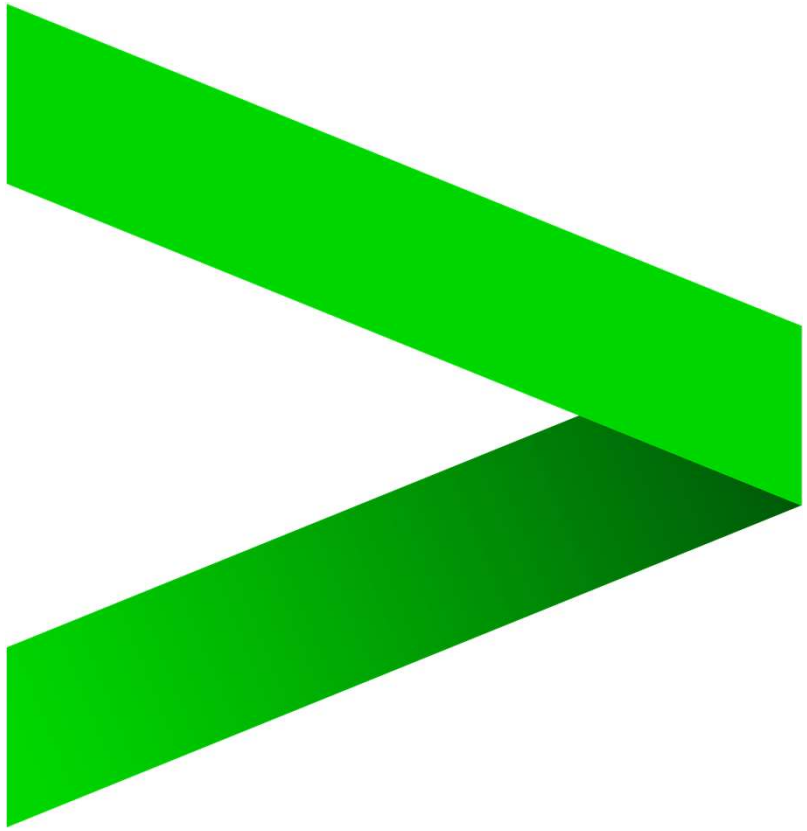
MODERN ENGINEERING

FOCUSED ON DEVOPS, AGILE AND AUTOMATION



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ABOUT ME

- *,,I am passionate about making a difference to the services and products used in everyday life. Working in Accenture for the last ten years has provided opportunities that have shaped my future career choices. As the DevOps Lead for the central European Danubia region (Slovakia/Romania/Hungary) I am consistently trying to deliver a faster time to value for our clients."*

- james.k.eardley@accenture.com

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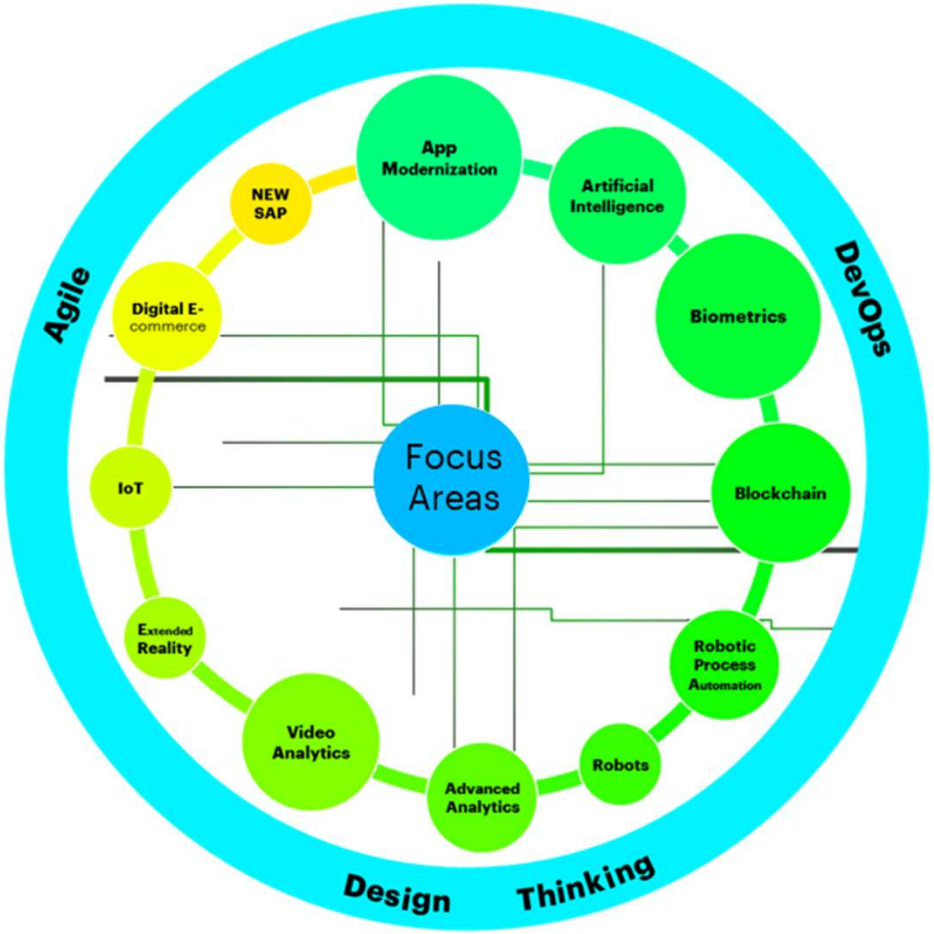
DEVOPS IS A KEY ENABLER OF NEW IT



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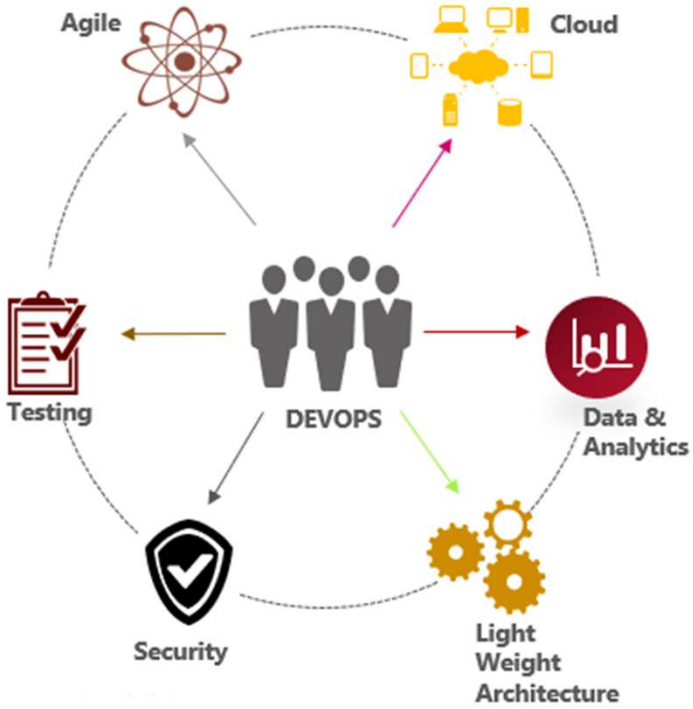
DevOps is central to the enabling New IT. It provide the both technical and process level levers to organizations to move to the “New”.



Agile	Iterative and incremental development
Cloud	Workload management on demand
Data & Analytics	KPI dashboard for E2E insights into the SDLC
Lightweight architecture	Quick set up and efficient operations
Security	Greater resilience and fewer threats
Testing	Automated test techniques

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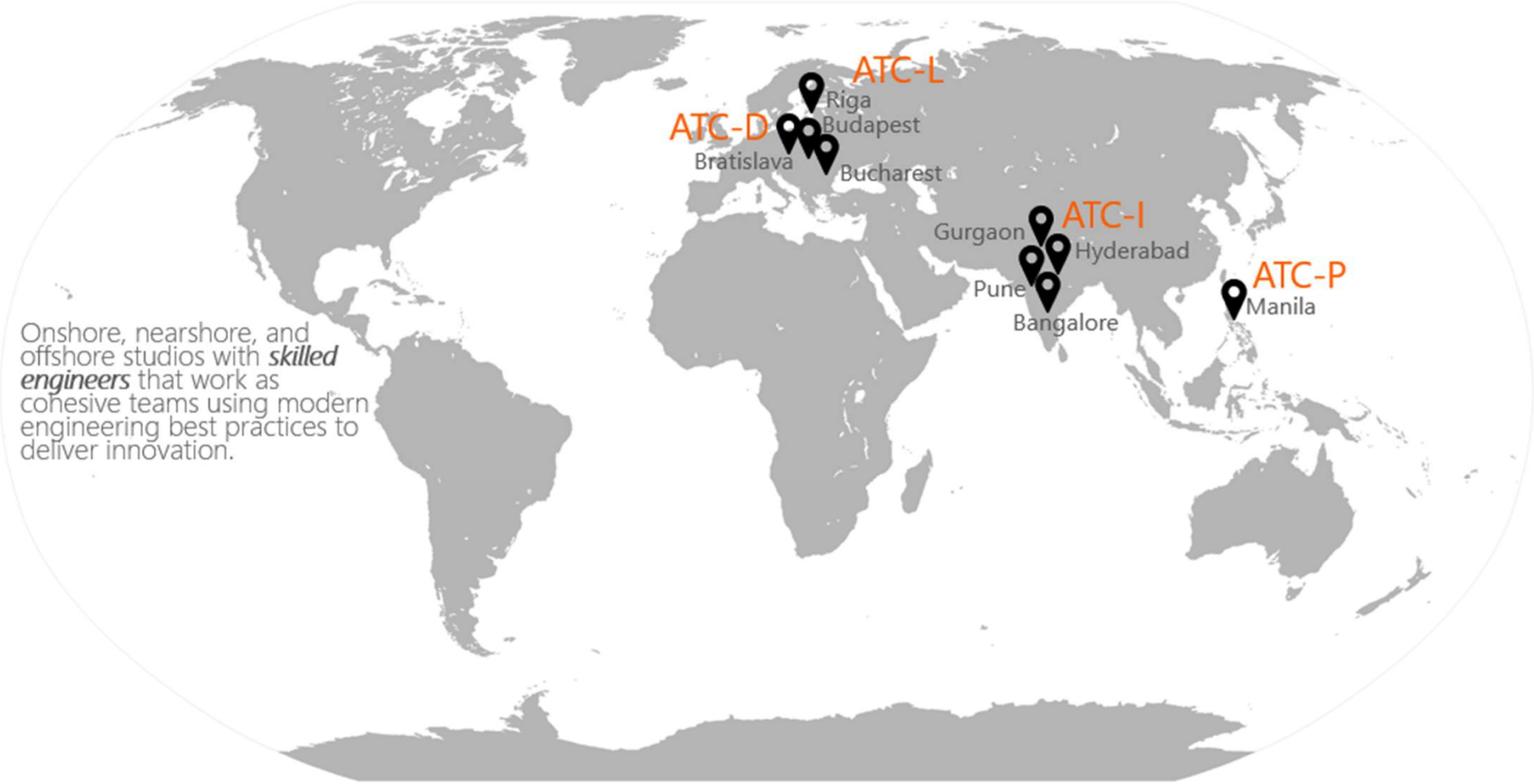
OUR TEAM



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INCLUSION STARTS WITH I

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OUR CLIENTS

MODERN ENGINEERING PLATFORM

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OUR TOOLS

Tools and Assets to Drive Efficiency and Innovation

Work Management	Development	Testing & Quality	Source Code Management (using Git)	Continuous Integration	Application Deployment	Application Monitoring, System Monitoring, Alerting	Environment Provisioning	Environment Maintenance	Service Management	Security System	Service Analytics Dashboards
Avanade Modern Engineering Platform											
Team Services, Visual Studio Team Foundation Server, Microsoft Teams	Team Services, Visual Studio Team Foundation Server	Team Services, Visual Studio Team Foundation Server	Team Services, Visual Studio Team Foundation Server	Team Services, Visual Studio Team Foundation Server	Team Services, PowerShell	Application Insights		PowerShell		Microsoft Azure, Windows Server 2012	Power BI, HDInsight Microsoft, Microsoft Cognitive Services
		sonarqube, SeleniumHQ			nuget, docker	AMP, AppDynamics			servicenow		
Accenture DevOps Platform (ADOP)											
JIRA	eclipse	sonarqube, SeleniumHQ	git	Jenkins	Jenkins, Nexus, docker	sensu, splunk>	CHEF, CloudFormation	python	servicenow	Cloudwatch, amazon CloudWatch	sensu, kibana

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OUR WORK

MODERN ENGINEERING PLATFORM

.Net Core 2.0 Web Application DevOps Accelerator

Used to setup CI and CD pipelines for any .Net Core 2.0 Web Apps, featuring:

- One click deployment, with minimum user input, from any OS platform
- Unit Tests using MS Test, Code Analysis using SonarQube, automated Regression Testing using Selenium
- Blue-Green Deployment Pattern

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OUR GOALS

MODERN ENGINEERING PLATFORM

.Net Core 2.0 Web Application DevOps Accelerator

Demo to showcase full power of Azure DevOps and Azure with a MEP wrapper, providing the experience of both the customer and the business, focused on best-in-class-tools to build open, scalable, and intelligent cross-platform apps with a reliable Azure backend.

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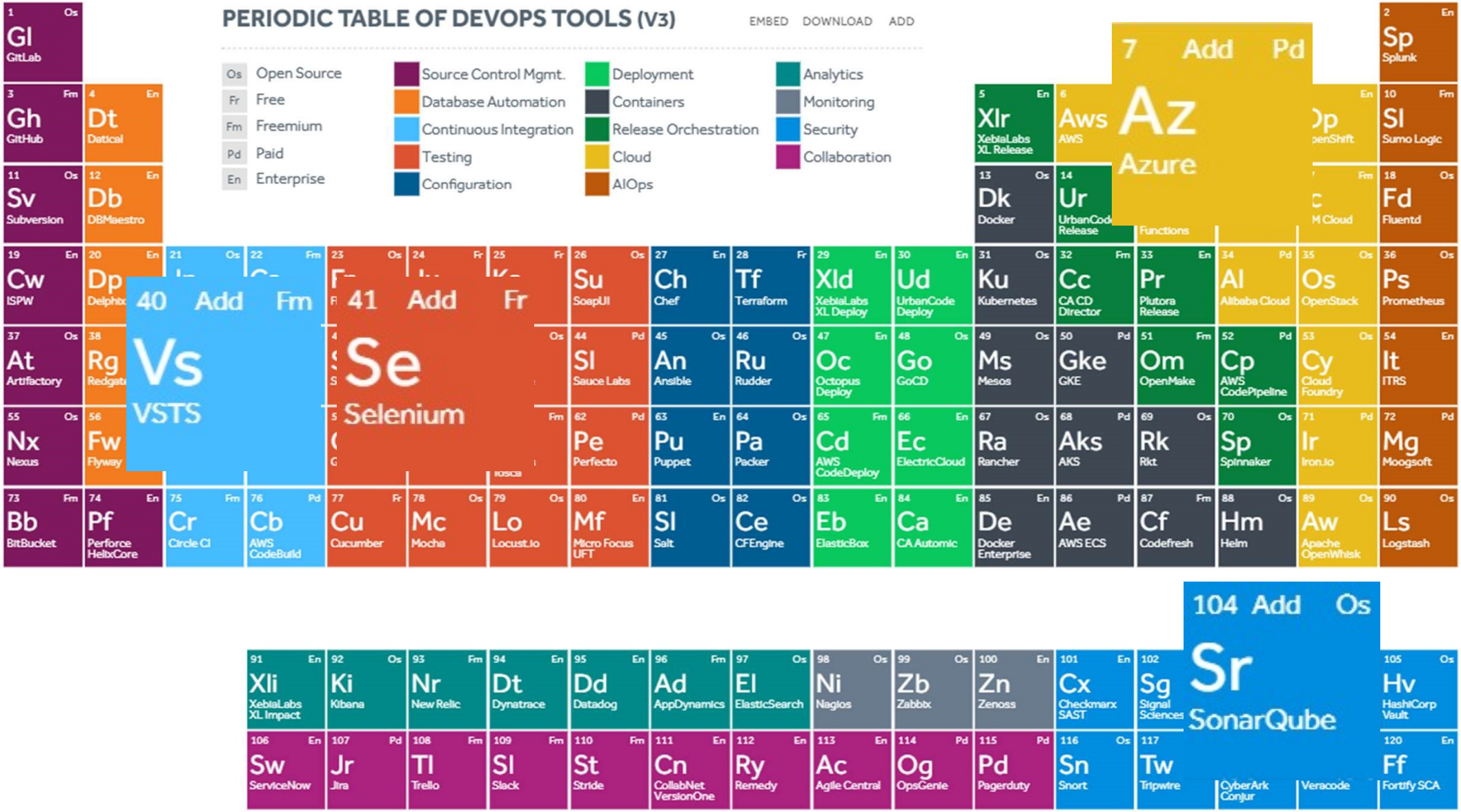

PERIODIC TABLE OF DEVOPS TOOLS (V3)
EMBED DOWNLOAD ADD
Os Open Source
Fr Free
Fm Freemium
Pd Paid
En Enterprise
Source Control Mgmt.
Database Automation
Continuous Integration
Testing
Configuration
Deployment
Containers
Release Orchestration
Cloud
AIOps
Analytics
Monitoring
Security
Collaboration
1 Os Gl GitLab
2 En Sp Splunk
3 Fm Gh GitHub
4 En Dt Datical
5 En Xlr XebiaLabs XL Release
6 Aws AWS
7 Add Pd Az Azure
10 Fm Sl Sumo Logic
11 Os Sv Subversion
12 En Db DBMaestro
13 Os Dk Docker
14 Ur UrbanCode Release
Functions
18 Os Fd Fluentd
19 En Cw ISPW
20 En Dp Delphix
21 Os
22 Fm
23 Os
24 Fr
25 Fr
26 Os Su SoapUI
27 En Ch Chef
28 Fr Tf Terraform
29 En Xld XebiaLabs XL Deploy
30 En Ud UrbanCode Deploy
31 Os Ku Kubernetes
32 Fm Cc CA CD Director
33 En Pr Plutora Release
34 Pd Al Alibaba Cloud
35 Os Os OpenStack
36 Os Ps Prometheus
37 Os At Artifactory
38 Rg Redgate
40 Add Fm Vs VSTS
41 Add Fr Se Selenium
44 Pd Sl Sauce Labs
45 Os An Ansible
46 Os Ru Rudder
47 En Oc Octopus Deploy
48 Os Go GoCD
49 Os Ms Mesos
50 Pd Gke GKE
51 Fm Om OpenMake
52 Pd Cp AWS CodePipeline
53 Os Cy Cloud Foundry
54 En It ITRS
55 Os Nx Nexus
56 Fw Flyway
62 Pd Pe Perfecto
63 En Pu Puppet
64 Os Pa Packer
65 Fm Cd AWS CodeDeploy
66 En Ec ElectricCloud
67 Os Ra Rancher
68 Pd Aks AKS
69 Os Rk Rkt
70 Os Sp Spinnaker
71 Pd Ir Iron.io
72 Pd Mg Moogsoft
73 Fm Bb BitBucket
74 En Pf Perforce HelixCore
75 Fm Cr Circle CI
76 Pd Cb AWS CodeBuild
77 Fr Cu Cucumber
78 Os Mc Mocha
79 Os Lo Locust.io
80 En Mf Micro Focus UFT
81 Os Sl Salt
82 Os Ce CFEngine
83 En Eb ElasticBox
84 En Ca CA Automic
85 En De Docker Enterprise
86 Pd Ae AWS ECS
87 Fm Cf Codefresh
88 Os Hm Helm
89 Os Aw Apache OpenWhisk
90 Os Ls Logstash
91 En Xli XebiaLabs XL Impact
92 Os Ki Kibana
93 Fm Nr New Relic
94 En Dt Dynatrace
95 En Dd Datadog
96 Fm Ad AppDynamics
97 Os El ElasticSearch
98 Os Ni Naglos
99 Os Zb Zabbix
100 En Zn Zenoss
101 En Cx Checkmarx SAST
102 Sg Signal Sciences
104 Add Os Sr SonarQube
105 Os Hv HashiCorp Vault
106 En Sw ServiceNow
107 Pd Jr Jira
108 Fm Tl Trello
109 Fm Sl Slack
110 Fm St Stride
111 En Cn CollabNet VersionOne
112 En Ry Remedy
113 En Ac Agile Central
114 Pd Og OpsGenie
115 Pd Pd Pagerduty
116 Os Sn Snort
117 Tw Tripwire
CyberArk Conjur
Veracode
120 En Ff Fortify SCA

OUR TOOLS

CONTINUOUS INTEGRATION - CI

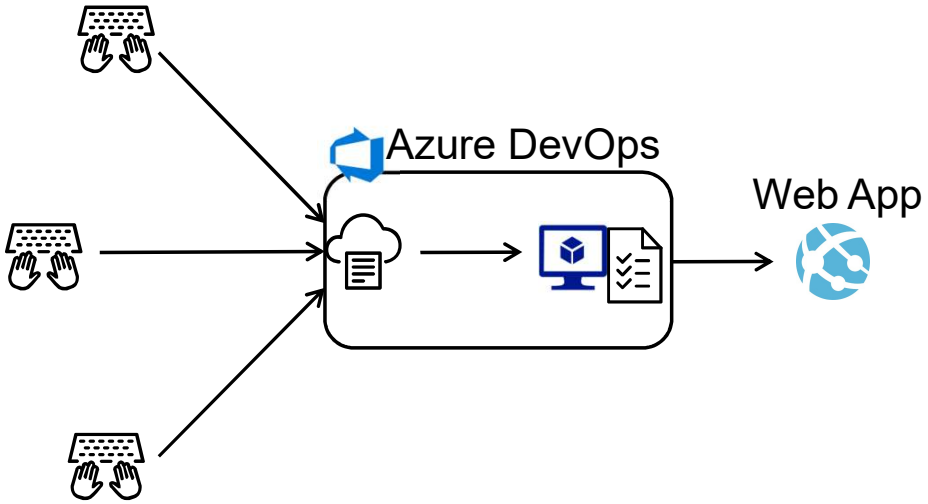
The process of automating the build and testing of code every time a team member commits changes to version control.

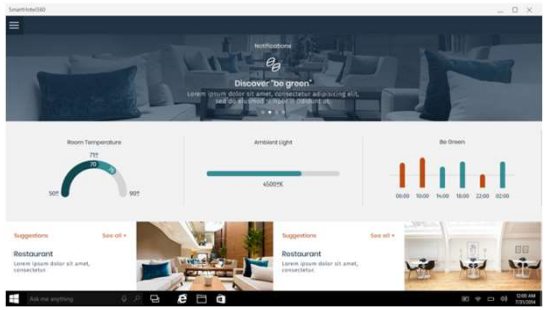
CONTINUOUS DELIVERY - CD

The process of building, testing and deploying from a build to a production environment.

SMARTHOTEL360

Fictitious smart hospitality company showcasing the future of connected travel





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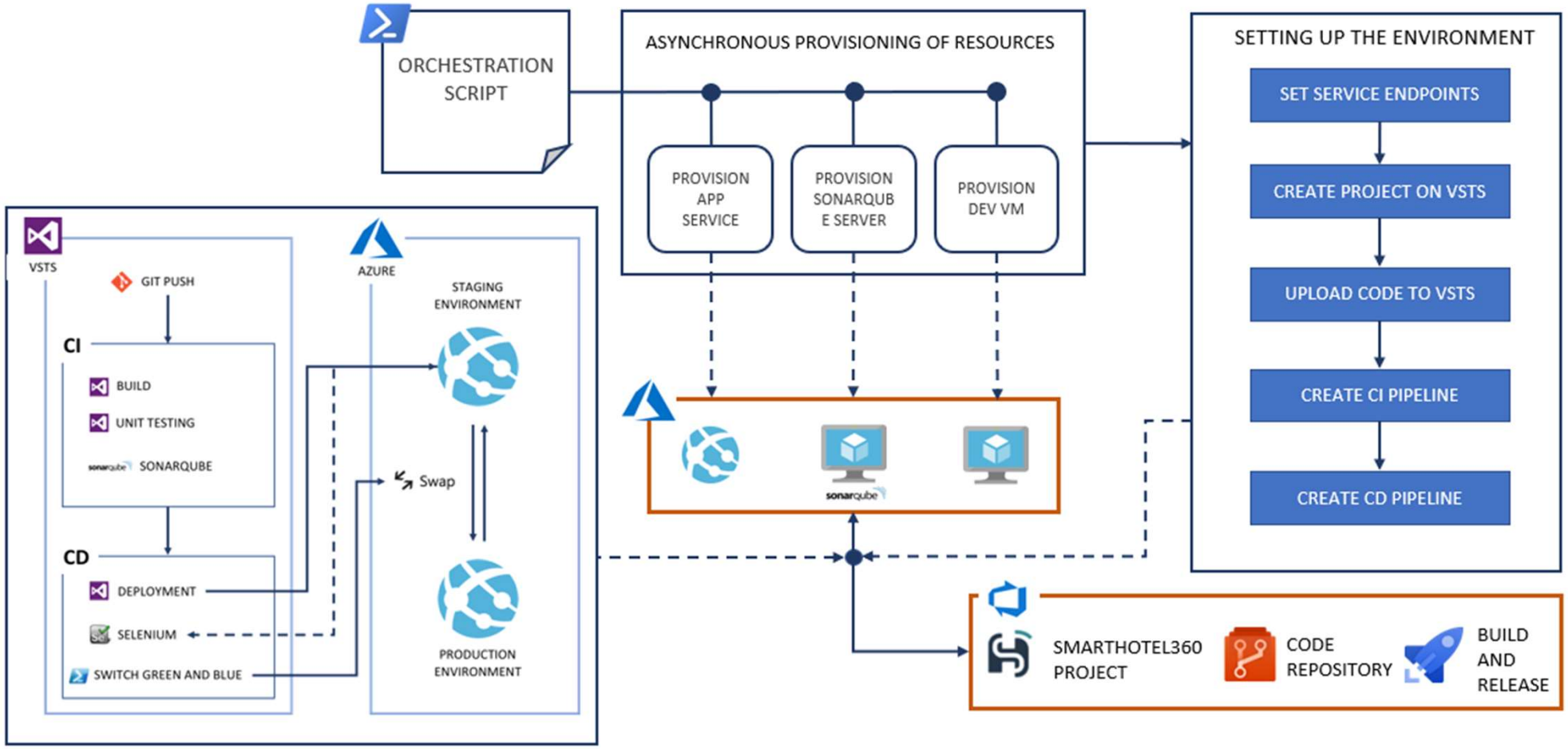
.NET CORE ACCELERATOR



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