Accelerating with AutomateOps

Automate IT Inc

Our Values

Vision
Simplify & Automate IT Operations

Mission
Drive Business goals
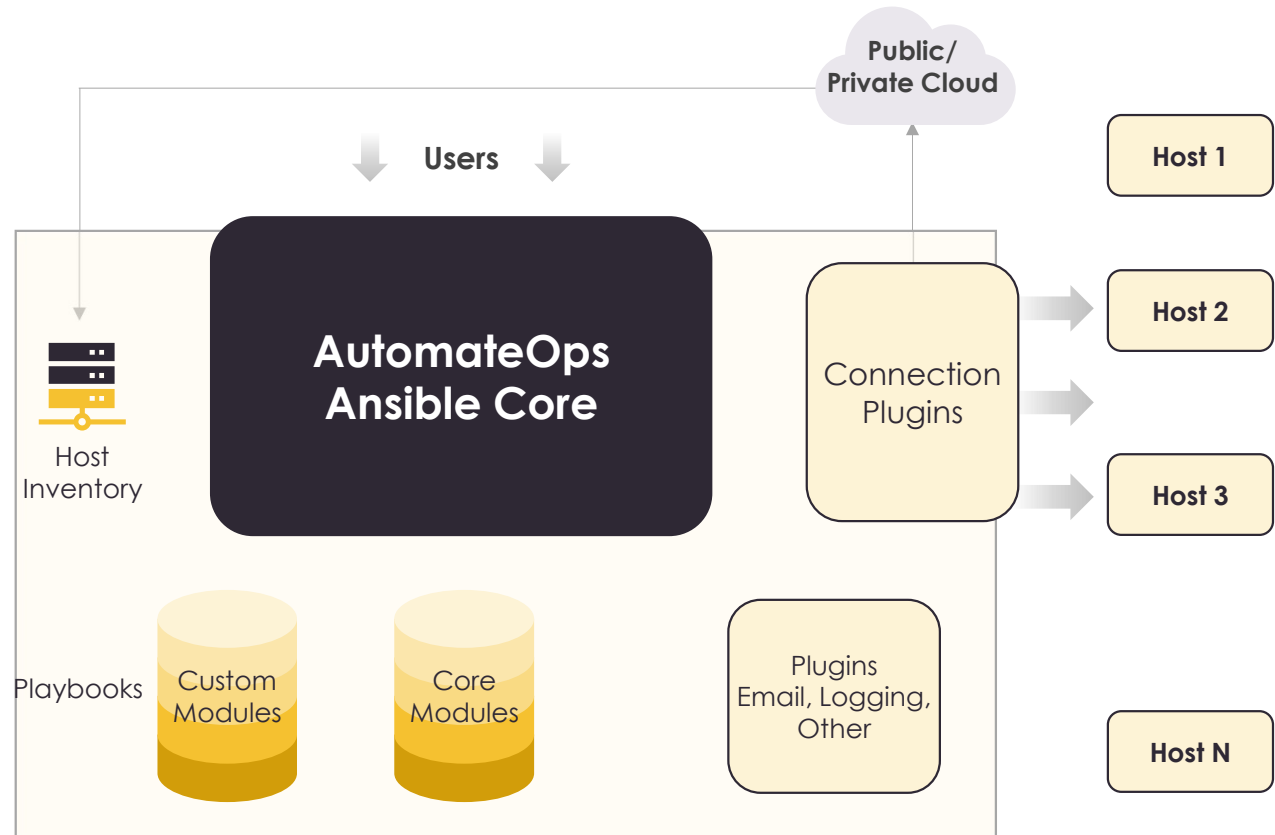
Goal
Exceed expectations innovatively

What is AutomateOps?

Simplify & Automate

AutomateOps is a customized one stop platform for your IT Automation goals.

Routine, day to day tasks like package provisioning, configuration management, and application-deployment tool, Maintenance, Vulnerabilities, heath checks and many more can be simplified and Automated.

Public/ Private Cloud

Users

Host Inventory

AutomateOps Ansible Core

Connection Plugins

Host 1

Host 2

Host 3

Host N

Playbooks

Custom Modules

Core Modules

Plugins Email, Logging, Other

AUT MATE IT

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Advantages of AutomateOps?

AUTOMATE IT

Automation
Routine IT tasks, can take up to 65% to 75% of IT resources effort, hence Automating those tasks using our customized out of the box playbooks, scripts to Simplify and Automate IT Operations

Powerful
Ansible enables you to model even extremely complicated IT workflows. Config management in thousands of devices can be done in few minutes as compared to days / weeks of manual efforts. Our goal *"Zero downtime"*

Flexible
Customize your routine tasks. Orchestrate your events, alerts and notifications to auto heal, respond and resolve failures or requests. Automate *Anything*

Agentless
Secure, agentless, noninvasive execution of BOTs, Playbooks for seamless IT Operations. No extra CPU, memory load on devices.
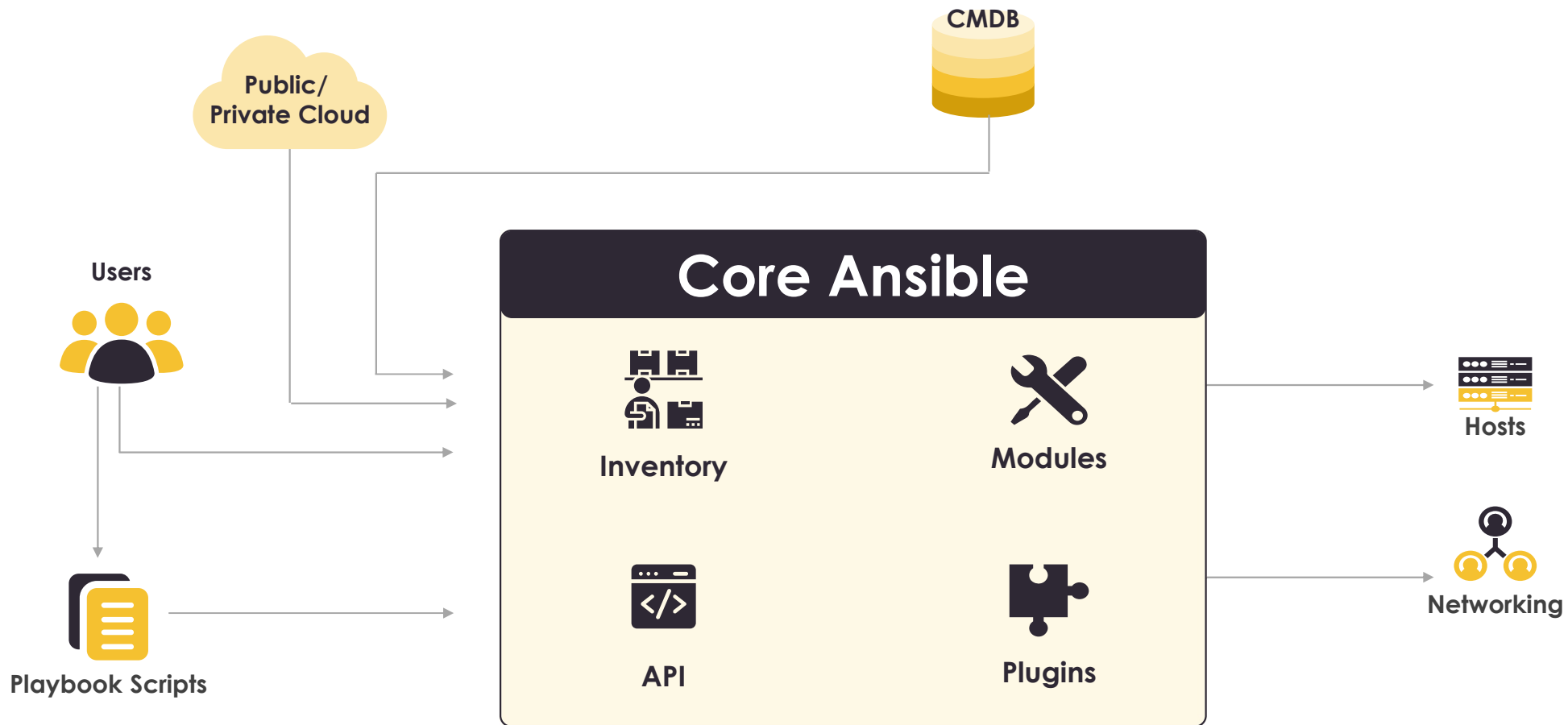
Efficient
BOTs just work. It does not matter if its one device or a million. Execution is in few minutes for millions of devices.
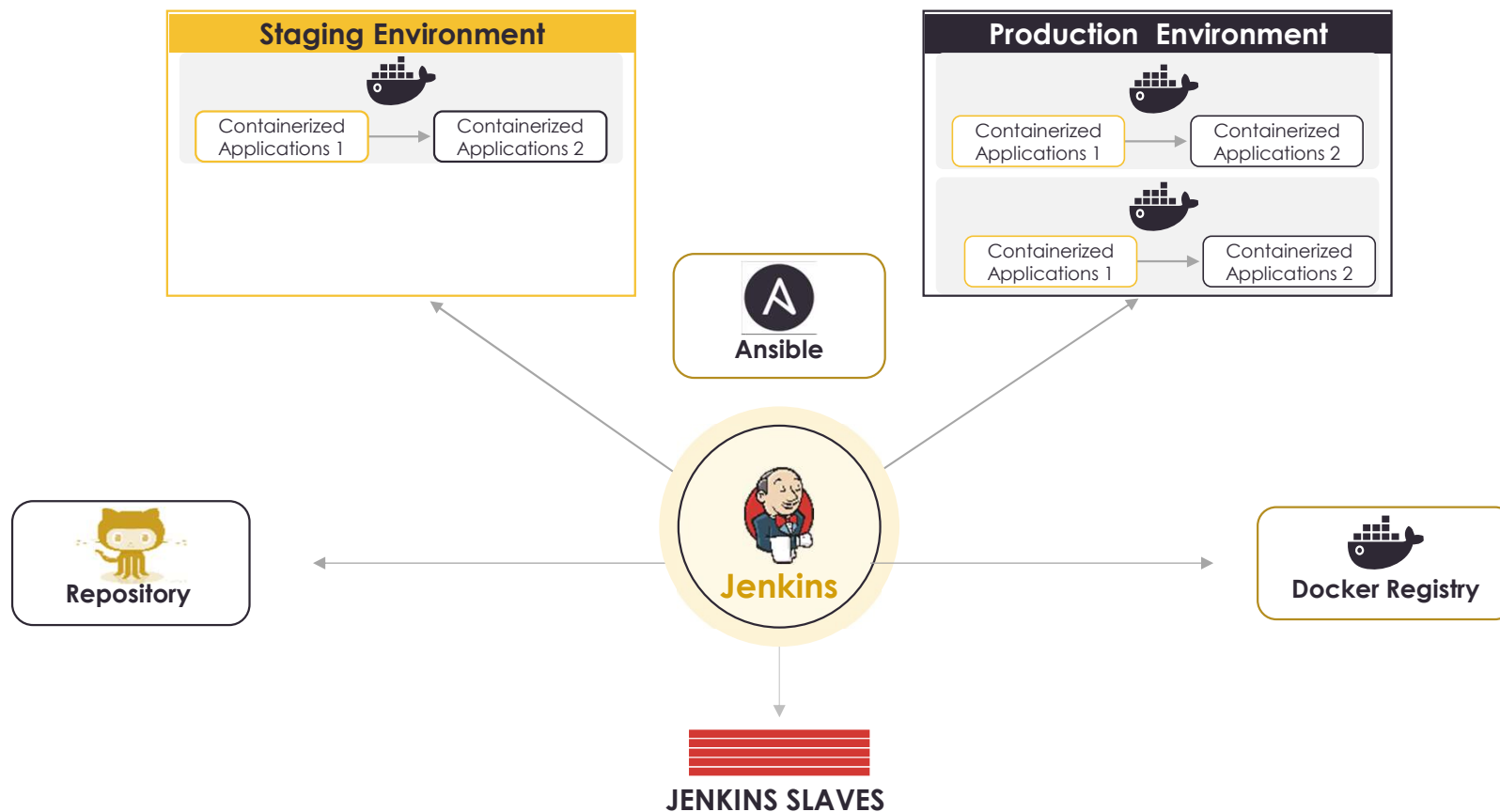
This slide is 100% editable. Adapt it to your needs and capture your audience's attention.

AutomateOps Architecture

Public/Private Cloud

CMDB

Users

Playbook Scripts

Core Ansible

Inventory

Modules

API

Plugins

Hosts

Networking

5

Configuration Management

Staging Environment

Containerized Applications 1 → Containerized Applications 2

Production Environment

Containerized Applications 1 → Containerized Applications 2

Containerized Applications 1 → Containerized Applications 2

Ansible

Jenkins

Repository

Docker Registry

JENKINS SLAVES

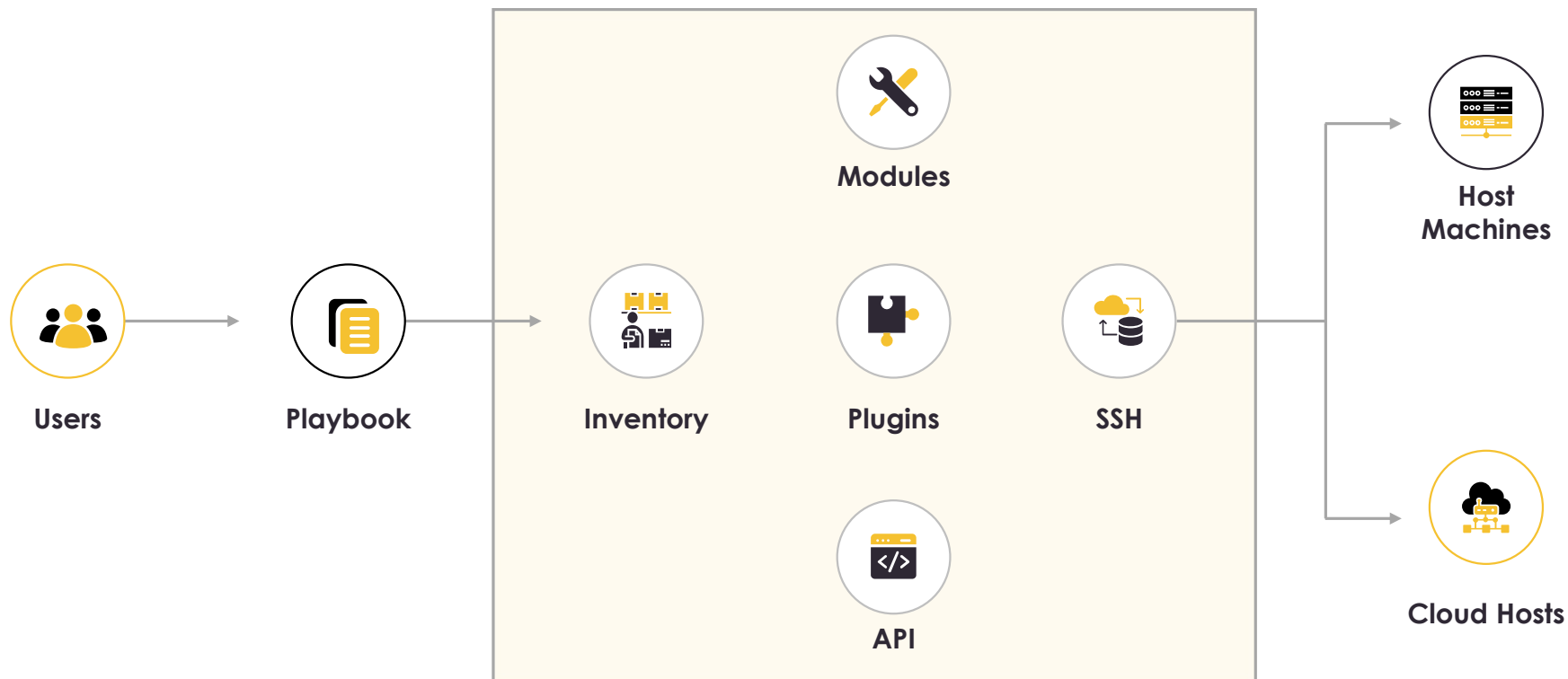# Flow Chart for the Organisation

The slide highlights the ansible installation flow chart for the organization

Modules

Users

Playbook

Inventory

Plugins

SSH

API

Host Machines

Cloud Hosts

AutomateOps
Features and Usecases

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01.Configuration Management

AutomateOps intended to be terribly easy, reliable, and consistent for configuration management. If you're already in IT, you'll be able to rise and running with it terribly quickly. AutomateOps configurations are easy information descriptions of infrastructure and are each clear by humans and parsable by machines. All you would like to start out managing systems may be a positive identification or Associate in Nursing SSH (Secure Socket Shell, a network protocol) key. Associate in Nursing example of however simple AutomateOps makes configuration management: If you wish to put in Associate in Nursing updated version of a selected style of software system on all the machines in your enterprise, all you've got {to do|to try to to|to|to try Associate in Nursing do} is write out all the information science addresses of the nodes (also known as remote hosts) and write an AutomateOps playbook to put in it on all the nodes, then run the playbook from your management machine.

02.Application Deployment

AutomateOps permits you to quickly and simply deploy multitier apps. You won't ought to write custom code to change your systems; you list the tasks needed to be done by writing a playbook, and AutomateOps can understand a way to get your systems to the state you wish them to be in. In different words, you won't ought to assemble the applications on each machine manually. once you run a playbook from your management machine, AutomateOps uses SSH to speak with the remote hosts and run all the commands (tasks).

03.Orchestration

As the name suggests, orchestration involves transferal totally different components into a fantastically run whole operation—similar to the method a musical conductor brings the notes made by all the various instruments into a cohesive inventive work. as an example, with application readying, you would like to manage not simply the front-end and backend services however the databases, networks, storage, and so on. you furthermore may ought to check that that each one the tasks ar handled within the correct order. AutomateOps uses machine-controlled workflows, provisioning, and additional to form orchestrating tasks simple. And once you've outlined your infrastructure mistreatment the AutomateOps playbooks, you'll be able to use that very same orchestration where you would like to, due to the movability of AutomateOps playbooks.

04.Security and Compliance

As with application readying, sitewide security policies (such as firewall rules or protection down users) may be enforced beside different machine-controlled processes. If you assemble the protection details on the management machine and run the associated playbook, all the remote hosts can mechanically be updated with those details. meaning you won't ought to monitor every machine for security compliance frequently manually. And for further security, Associate in Nursing admin's user ID and positive identification aren't recoverable in plain text on AutomateOps.
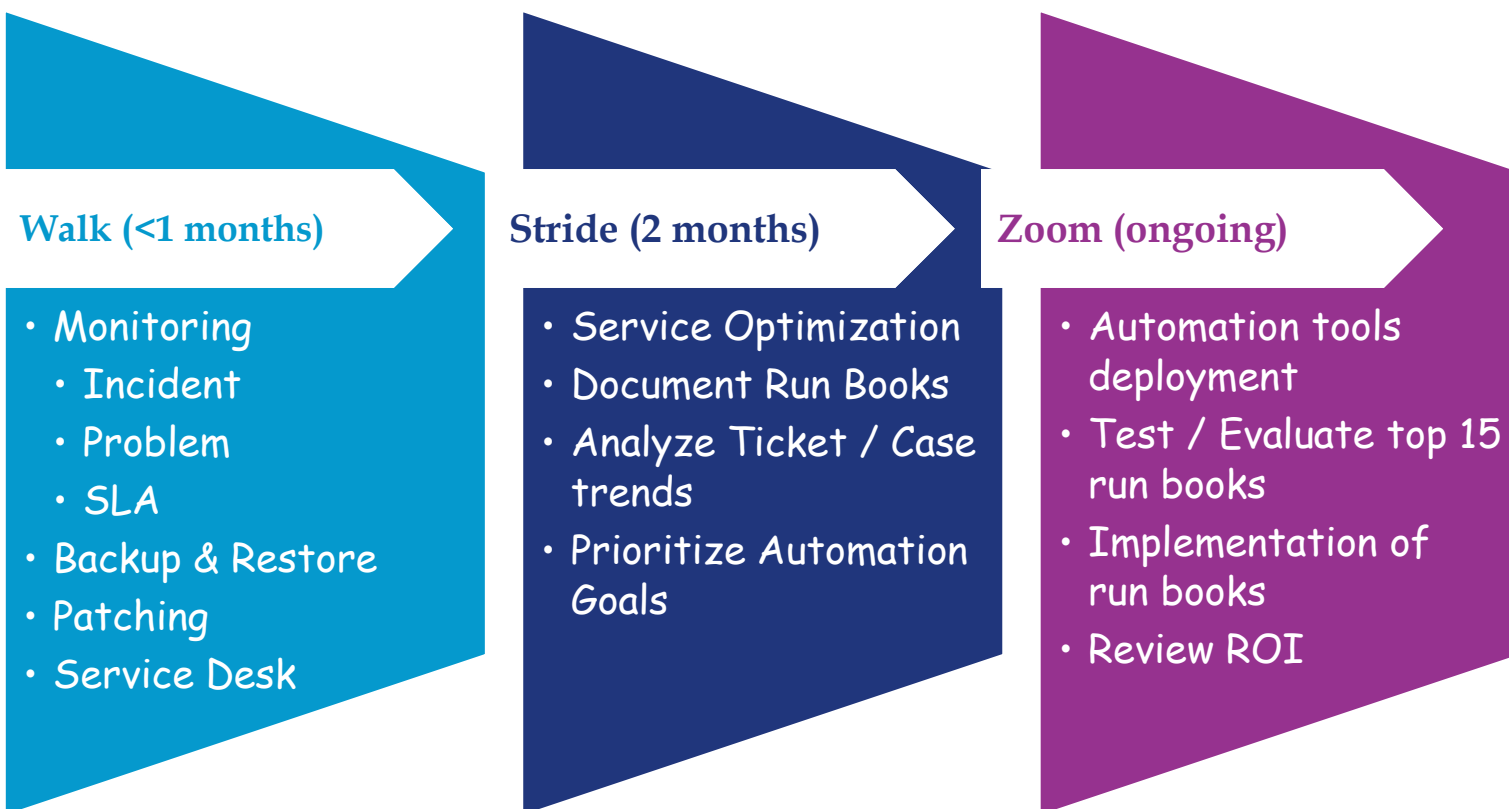
05.Cloud Provisioning

The first step in automating your applications' life cycle is automating the provisioning of your infrastructure. With AutomateOps, you'll be able to provision cloud platforms, virtualized hosts, network devices, and bare-metal servers.

Implementation Methodology

Walk (<1 months)

- Monitoring
  - Incident
  - Problem
  - SLA
- Backup & Restore
- Patching
- Service Desk

Stride (2 months)

- Service Optimization
- Document Run Books
- Analyze Ticket / Case trends
- Prioritize Automation Goals

Zoom (ongoing)

- Automation tools deployment
- Test / Evaluate top 15 run books
- Implementation of run books
- Review ROI

Timeline

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Start

2019

Runbook documented with use cases from AMEX, Citibank and UHG

Dev Team and pilot setup created. Target 45% Automation of Service Tickets

2020

2021

- Proof of concept, installed Version 1 at clients for 7 use cases for Automation.
- Phase 2, added 8 more use cases for Automation

Soft launch in India for few clients with 18 Automation use cases. Plans to launch in US

2022

Finish

Core Team

Leadership team equipped with 30 plus years of experience and rich exposure to infrastructure and application management areas…

Core Team comprises of top executives from Tier 1 Global IT service providers, like Infosys, Mphasis, HP, NICE and Intel with decades of experience & expertise in :

- Infrastructure & Application support & operations
- Scaling and building delivery teams with competency development
- Application & Mobility Development, solution architecture, deployment & implementation
- Managed IT & Security Services
- DevOps, Transition management, System Integration and IT operations management
- Sales, Client Relationship and Engagement Management in USA, and India
- Headquartered in Nashville, TN, and branch office in Williston, ND.
- Delivery centre in Bangalore, India

Thought Leadership

Best of breed Technology Expertise

Superior Governance and Best Practices

Our Foundation

"Simplify and Automate IT"

Thank You

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