



# Taos Capabilities for Microsoft

---

## DevOps

# Taos Capabilities for Microsoft

Taos is here to help solve your problems.

**Accelerate cloud migration & achieve digital transformation**

**Taos DevOps Services**

**Secure remote workers & ensure business continuity**

**Taos Acture Endpoint Management**



## Infrastructure Modernization

VM Migration  
Windows 10 / VDI / WVD



## Data Management

Enterprise Databases Migration  
Open-Source Databases with Azure  
Database Modernization



## Smart Analytics

Data Warehouse Modernization  
Data Lake Modernization



## Application Modernization

Azure Stack  
Hybrid/Multi-cloud Application Platform  
Modernize Legacy Applications



## Security

Security Analytics & Operations  
Azure Security Center/  
Azure Sentinel  
M365 Security & Compliance  
Enterprise Mobility + Security



## Productivity & Collaboration

Work Transformation  
Microsoft 365  
Direct CSP

# Why Taos

## Microsoft Gold Partner

- Microsoft Expertise with 65+ certified staff
- Gold Cloud Platform & DevOps
- GitHub Verified Partner
- Premier Support
- ECIF Eligible

## Managed Services

- NPS score of 82
- 24/7 Support with 15 min Level 1 SLA
- Service Center is ISO27001, SOC 2 and HIPAA certified US based support

## Deep Experience

- 30-year history
- 500+ technologists
- Vetted through proprietary TIV™ process
- Backed by IBM

# Microsoft Partner



Gold Cloud Platform  
Gold Data Analytics  
Gold Data Platform  
Gold Data Center  
Gold DevOps  
Gold Application Development  
Gold Application Integration

Silver Collaboration & Content  
Silver Security  
Silver Cloud Productivity  
Silver Messaging

**GitHub Verified Partner**

# Expected Business Outcomes

With the establishment of a DevOps framework and modernized capabilities, companies will have:



- Environments that foster innovation and rapid iteration
- Defined and measurable processes
- Automated process steps and deployments
- A continual processes feedback loop
- Tracking and reporting mechanisms
- Increased development speed & agility
- Accelerated Test/Release cycle
- Streamlined processes

# Current DevOps Challenges

Unfortunately, the pace of customers' DevOps modernization is often hindered by several common challenges:



Lack of DevOps tools & experience



Siloed teams, lack of cross-tower buy-in for automation



Lack of cross-tower workflow discovery & antiquated processes



Challenging security and compliance requirements

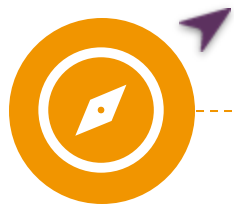


Lack of realistic goals and timelines, & elongated provisioning lifecycles



# Taos DevOps Modernization Services

Taos helps customers modernize their DevOps capabilities for the entire lifecycle enabling them to accelerate their DevOps journey and cloud adoption.



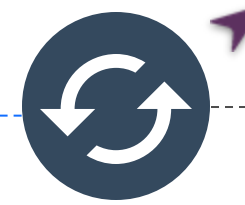
**Assess & Discover** the state of the enterprise architecture and SDLC processes and develop a set of recommendations based on best practices



**Plan & Design** for approved recommendations to support business objectives



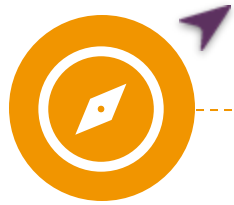
**Build & integrate** the tools and CI/CD processes through a POC and “fail fast”.



**Deploy & Operationalize** modernized DevOps Framework

# DevOps Modernization Services Detail

Taos' DevOps Modernization Services include the following:



## Assess & Discover

- Assess Enterprise Architecture, Pipeline, SLDC
- Identify deficiencies & dependencies
- Examine source code strategy
- Discover deployment functionality, automation & artifact delivery strategy
- Review software build, code validation process



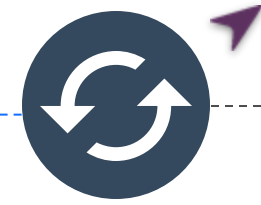
## Plan & Design

- Recommendations Report
- DevOps Roadmap
- Identify Tools & Pipelines
- Document Process Definitions
- Tool Integrations
- Application Deployment scenarios
- CI /CD Desired State



## Build & Integrate

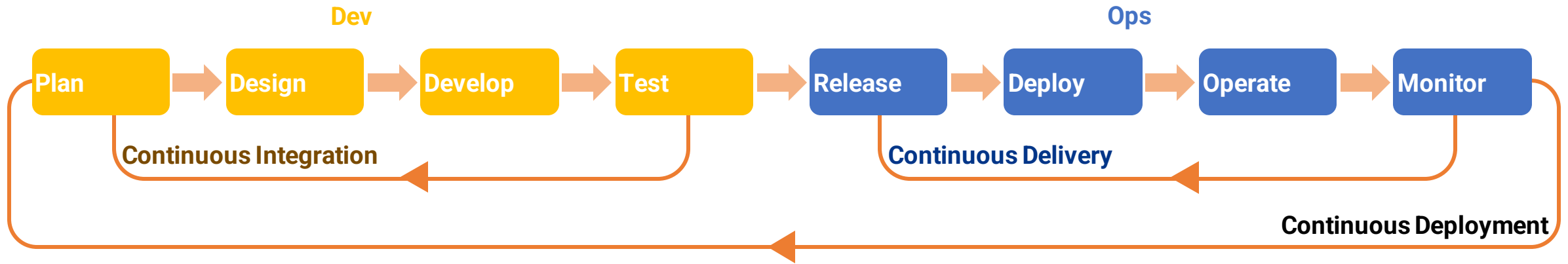
- Process Adoption
- Repository & Source Control
- DevOps/CI tooling
- Automate Build Scripts
- Integrated Testing
- Application Configuration
- Software Delivery & Infrastructure Automation



## Deploy & Operationalize

- Operationalize Framework
- Establish Feedback loop
- Frequent Releases
- Break/Fix & DevOps Analytics
- Service Monitoring & Metrics
- Knowledge Transfer

# Taos CI/CD Methodology in DevOps Framework



## Continuous Integration

Small changes to an app are regularly built, tested for integration and merged to a shared repository

- Solves problem resulting from multiple simultaneous workstreams of an app in development which can lead to errors or incompatibility

## Continuous Delivery

App changes are automatically tested and uploaded to a repository for deployment by the operations team

- Addresses problem of poor visibility and communication between development and business teams
- Helps ensure that minimal effort is used to deploy new code

## Continuous Deployment

Automatically releases approved changes from repository to production for client use

- Solves problem of burdening operations teams with manual processes which slow down delivery