Panblicks

Cloud | Data | Analytics

# Cloud Data Analytics Company

Enabling enterprises with data driven decision making

**CloudOps**

**Data Analytics**


**Modern Apps**

AP01, v2.7, Dec 2021

# Anblicks at a glance

## 2004

Established in Texas, USA

## 500+

Technology Professionals

## 200+

Customers Served

## 3 Countries

USA, Australia, India

## 16 Books

Authored by Employees

## Accelerators

Data Engineering, Data Science

# Anblicks CoEs and Services

## CloudOps

**Cloud Strategy & Assessment**
Infra, Apps, DevOps, Security

**Infrastructure as Code (IaC)**
Terraform, Azure ARM & Blueprints

**DevOps Automation**
Azure DevOps

**Containerization & Orchestration**
Kubernetes, Azure Kubernetes

**Hybrid, Multi-cloud Management**
Azure Arc

**24x7 Cloud Managed Support**
Infrastructure Management

## Data Analytics

**Fully Managed ETL/ELT**
Azure Data Factory

**Lakehouse for Analytics**
Azure Databricks

**AI/ML and Advanced Analytics**
Azure ML, Databricks MLflow


**Scalable Managed Database**
Azure SQL, Synapse


**Modern Cloud Data Warehouse**
Snowflake

**Actionable Business Intelligence**
Power BI

## Modern Apps

**Application Modernization**
Azure Webapps, Serverless

**APIs & Microservices**
Azure APIs, Containers, Functions

**Cloud-native Applications**
Azure fully managed services

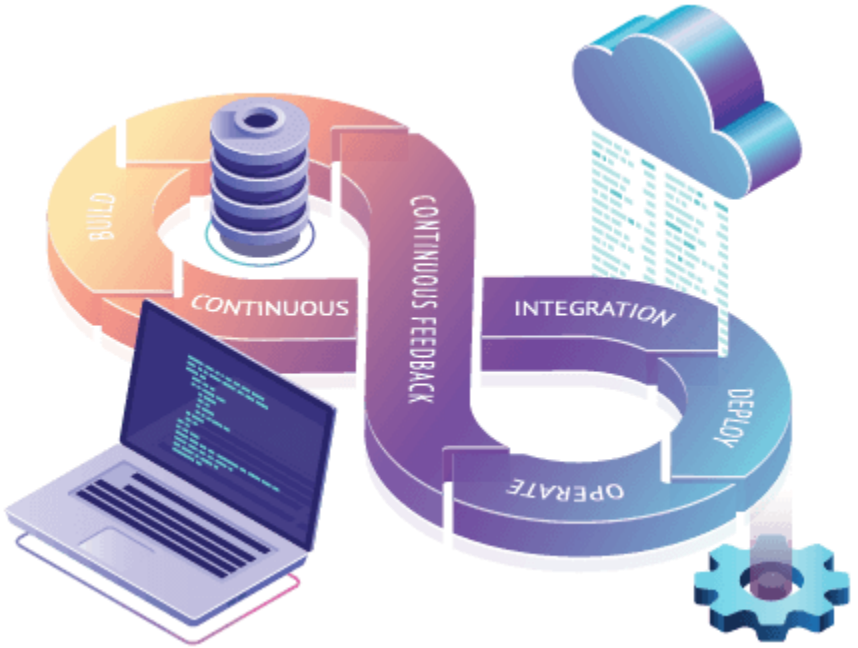
**Web / Mobile Applications**
Portals, Dashboards


**UI / UX Design**
Design Thinking, Ideation


**QA Automation**
App, API, Data Testing

# Anblicks | Microsoft Azure Partner

# Anblicks DevOps Assessment Services



# Our Approach

## 1. Assessment

### What to Automate?

1. Review current Processes, System and Setup
2. Perform Gap analysis
3. Analyze current challenges and pain areas in Build, Deployment and Release management processes

### How to Automate?

1. Identification of Process Improvement and Automation opportunities
2. Identify Tools and Best Practices needed for DevOps Implementation
3. Define Roadmap based on the Assessment and Prioritization list

## 2. Implementation

### Ongoing Implementation

1. Standardize processes and continuously implement improvements in them
2. Addition of Continuous Integration, Continuous Testing and Continuous Deployment in the Development Lifecycle
3. Continuous Business Planning

### Implementation outcomes

1. Automated Build, Release and Deployment using Tools and Workflows
2. Reports of Build Status, Code Quality, Automation Testing with Deployment and Release Documents
3. Reports of Monitoring metrics for ensuring Stable environments

## 3. Manage

### Continuous Improvement

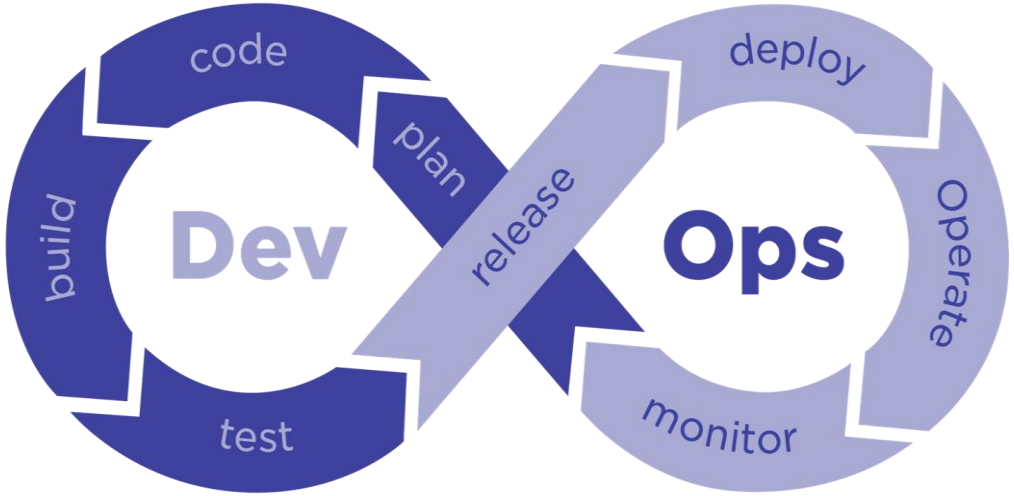
1. Adoption of DevOps Best Practices
2. Improving Testing and Code Quality standards
3. Enterprise-wide DevOps adoption

### Continuous Output

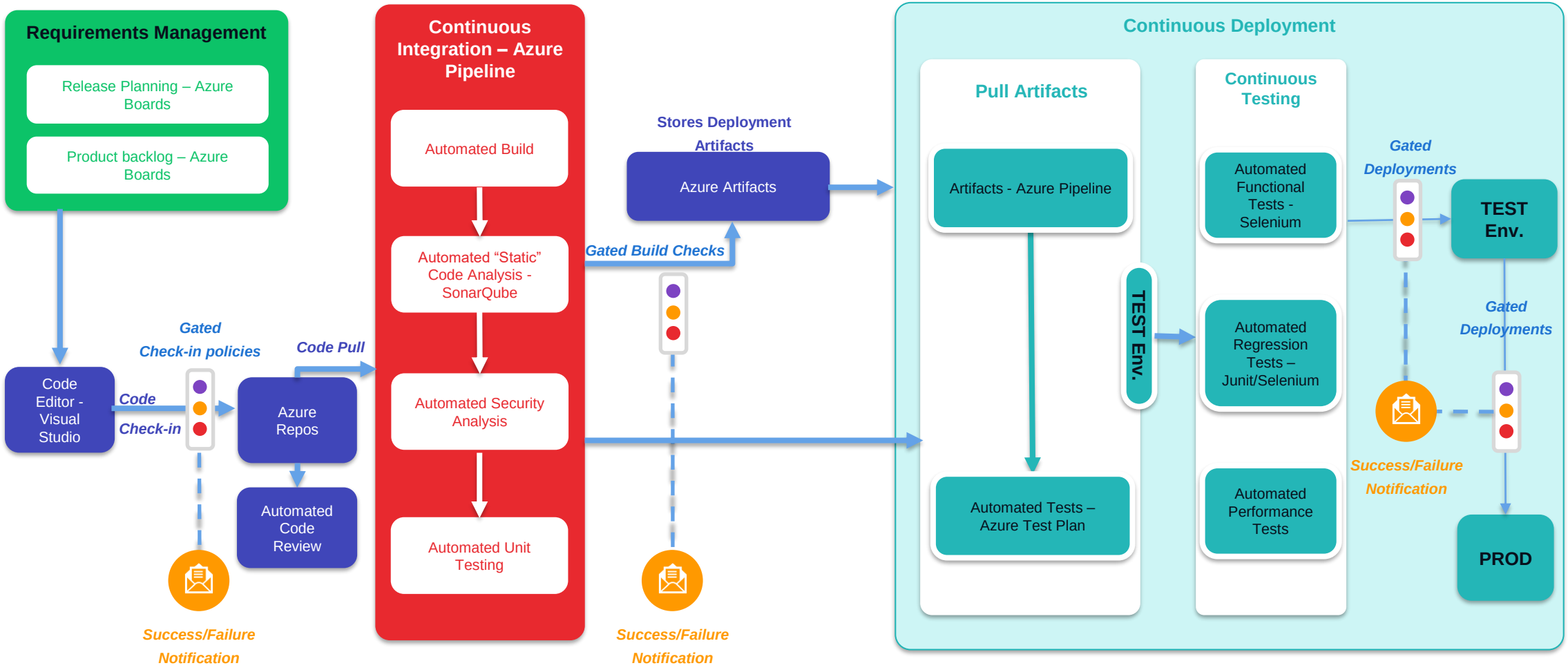
1. More reliable releases
2. Reduced cost, effort, and time to market across all the applications
3. Improved Productivity and Collaboration between teams

# Factors of IAC and DevOps Enablement

- Faster time to market
- Agility & Automation
- Strong collaboration
- Early detection of defects
- Improved productivity and efficiency
- Faster recovery time from crashes and failures
- Governance
- Measurement of KPIs



# Sample Build & Deployment Process



# Possible Business Benefits

## Accelerate Time to Market

- Deploy faster. Deploy often - Up to 40%
- Reduce cost/time to deliver by 50%

## Reduce SRE cost up to 60%

- Continuous software delivery
- Automate Deployment

## Minimize deployment related downtime up to 60%

- Minimized roll back of deployed apps
- More stable environments

## Increase Quality

- Reduce cost/time to test up to 55%
- Increase test coverage by 30%

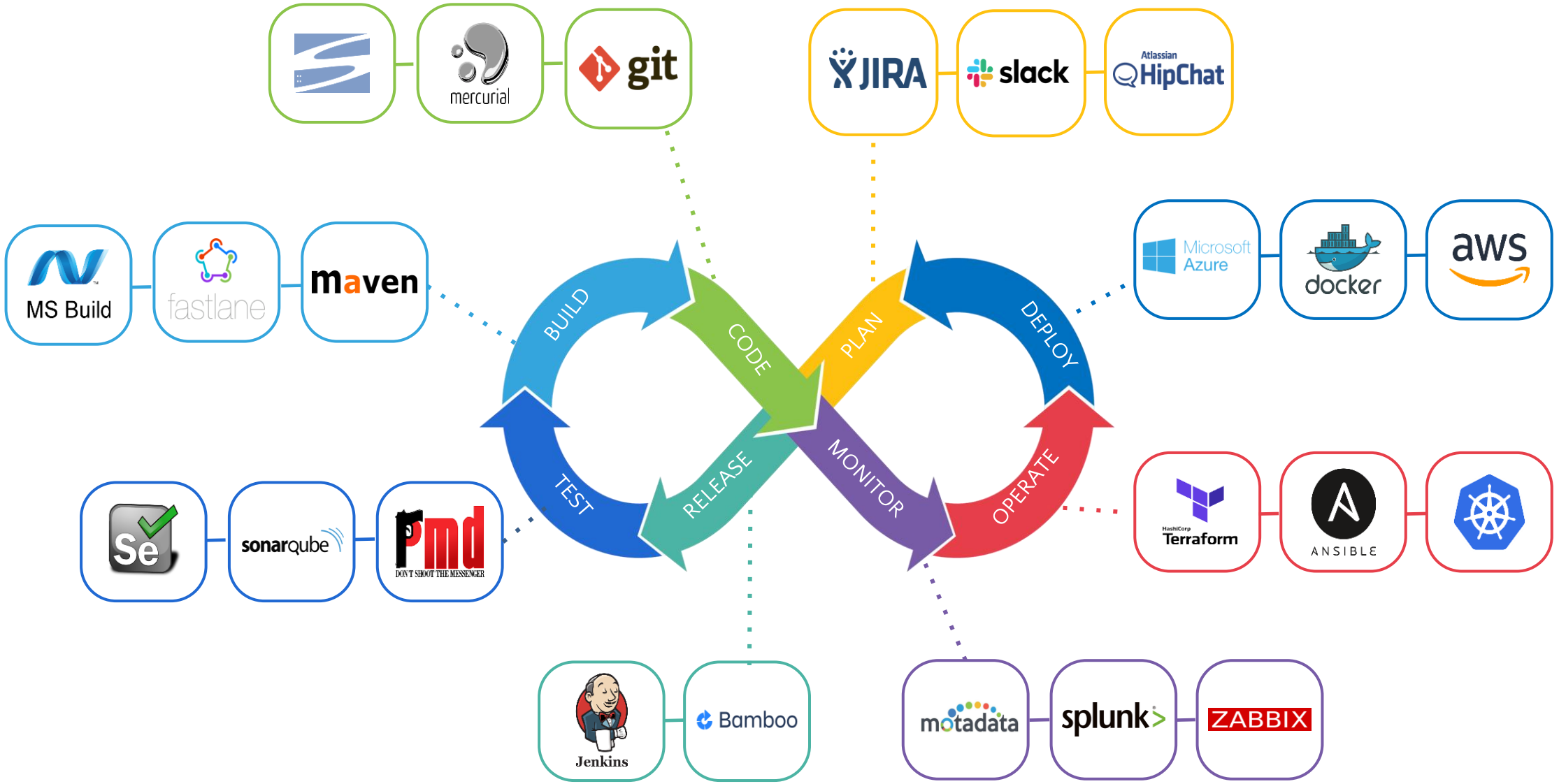
## Improved Collaboration

- Reduce challenges related to Dev and Ops Collaboration
- Faster resolution of problems

## Technical benefits

- Less complex problems to fix
- Use of industry standard development processes and methodologies

# DevOps - Tools and Technologies



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# Thank You

www.anblicks.com

sales@anblicks.com