# **Cloud Modernization and Migration Services**

Anywhere to Azure Migration aligned with HBC (Holistic Business Case) Approach







# Ready to start your Digital Transformation Journey? It can be challenging if there is no reliable partner nearby.

Every customer does have thoughts around the Modernization and Migration to Cloud with certain doubts in mind:

- √ Lack of scalability
- ✓ High costs
- ✓ Lack of flexibility
- ✓ Security concerns
- ✓ Management & troubleshooting

- ✓ Complexity
- ✓ Downtime
- ✓ Integration
- ✓ Lack of automation
- ✓ Skilled resources







# Cloud Modernization and Migration Services are designed to help you:

- ✓ Adopt next generation technology solutions which benefit your business
- ✓ Maximize utilization of the investments in IT services and avoid high CAPEX
- ✓ Maximize the scale & reliability of business applications
- ✓ Initiate digital transformation and cloud adoption
- ✓ Meet large computational and storage requirements

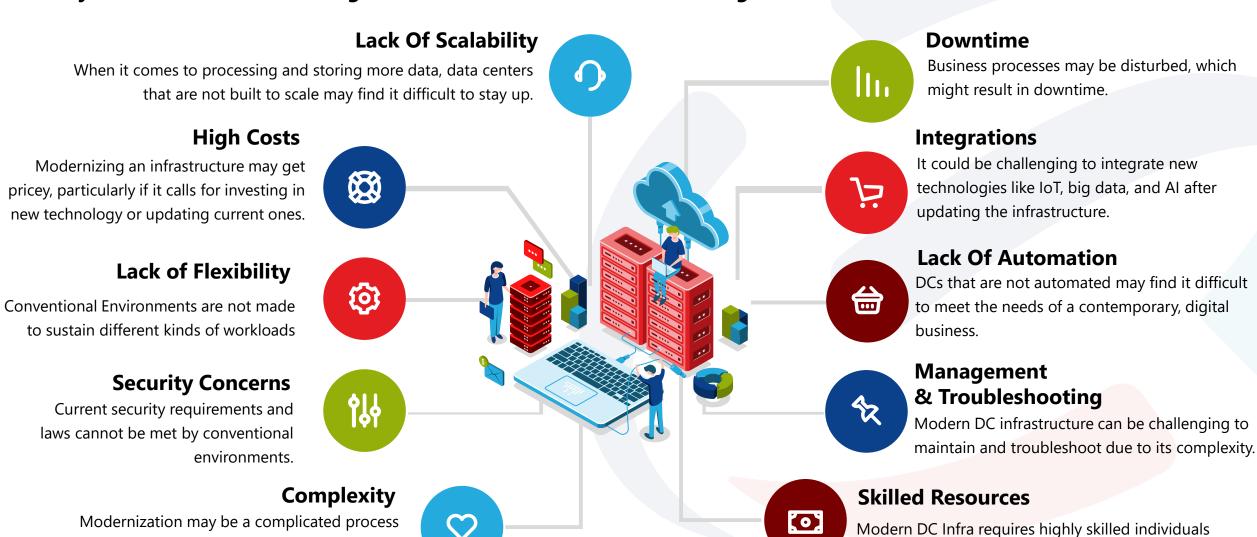




# **Customer Pain Points**

encompassing several components and technology.

# Every customer does have thoughts around the Modernization and Migration to Cloud



Global expertise, local outcomes

which increases the cost as well as dependencies.

# **Digital Transformation Approach**

### **Cloud Ops & Governance**

- Cloud Health Check (Spend & Security Assessment)
- 24x7 Infrastructure & Application Proactive Monitoring & Management
- 24x7 Security & Compliance Monitoring & Management Services

### **Cloud Enablement Services**

- · Cloud Readiness Assessment
- Datacenter Migration Factory
- Application Modernization & Migration
- Data Modernization & Migration
- DevOps Services
- Azure Labs Services
- · BCDR Services
- · Data, Analytics & BI Solutions
- WVD Remote Desktop
- ISV Onboarding
- NoSQL Migration (Cosmos DB)
- Oracle on Cloud
- ERP on Cloud

### GOVERNANCE

Cloud Security Configuration, Policy & Compliance Management, Cloud Center of Excellence (DevOps & Solution Innovation)

### MANAGE & OPTMIZE

24 x 7 Proactive Monitoring & Management, Usage Pattern & Trend Analysis, Capacity Planning & Right-Sizing

### DEPLOY/MODERNIZE/MIGRATE

Foundational Services, Site Recovery & Data Replication, Configuration, Issues & Risk Mitigation, Dry Run, Functionality Testing & Cut Over

### PLANNING

End State Design, Migration Phases, Workload Prioritization, Scheduling, Issues & Risk Mitigation Plan

### **ASSESSMENT**

Discovery, Inventory, Dependency, Compatibility, Capacity & TCO Analysis



PLAN

**ASSESS** 



**GOVERN** 

MANAGE & OPTMIZE

# **Cloud Adoption Framework**

### **STRATEGY**



Azure

- **Determine Digital** Transformation Motivation.
- **Key Business Objectives** to be Achieved and iustification.
- MVC or POC Project

### **PLAN**



- Organizational and **Business Objective** Alignment with Cloud **Adoption Plan**
- Hire Talent, Train Resources, and Complete Certifications
- Cloud Adoption Plan

### **READY**



- Tool Based Assessment
- **End State Solution** Design & Review
- **Foundational Services** Deployment
- **Best Practice Validation**
- Risk Identification & Mitigation Plan
- Project Schedule & Communication Plan

### **ADOPT**



### **Migrate**

- **POC Migration & Testing**
- **Datacenter Migration Factory**
- **Best Practice Validation**
- **Process Improvements**

#### **Innovate**

- Cloud Solution Innovation & Build
- **Expanded Scenarios**
- **Best Practice Validation**
- **Process Improvements**

### **GOVERNANCE**



- **Cloud Security Best** Practices
- Policies & Compliance Management
- **Cloud Optimization**
- Cloud IT Process Management
- Service Improvement **Initiatives**

### **MANAGE**



- Proactive Monitoring & **Incident Resolution**
- Configuration & Change Management
- Release Management Using DevOps CI/CD **Pipeline**
- Capacity Planning







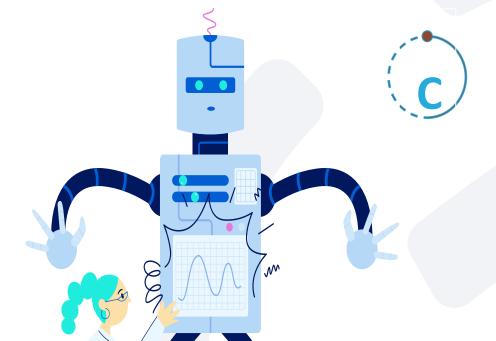


# Noventiq used these models (7Rs, CAF and WAF) under various Industry Segments



### Healthcare

The 7Rs model can be used to streamline clinical trials, telemedicine, and patient engagement. The CAF model can be used to ensure compliance with HIPAA and other regulatory requirements. The WAF model can be used to ensure the security and reliability of patient data.



### Retail

The 7Rs model can be used to improve customer experiences and streamline supply chain operations. The CAF model can be used to optimize e-commerce platforms and ensure compliance with GDPR and other regulatory requirements. The WAF model can be used to ensure the security and reliability of customer data.



### *Finance*

The 7Rs model can be used to improve risk management and compliance processes. The CAF model can be used to ensure compliance with PCI-DSS and other regulatory requirements. The WAF model can be used to ensure the security and reliability of financial data.



# Manufacturing

The 7Rs model can be used to optimize supply chain and logistics operations. The CAF model can be used to leverage IoT and machine learning to improve product quality and reduce costs. The WAF model can be used to ensure the security and reliability of manufacturing data.

Global expertise, local outcomes

# Noventiq had benefited sales organizations in various Market Segments

Noventiq helped the customer to improve its IT agility, reduce costs, and improve data security, resulting in increased efficiency and revenue.

# SMB (Small and Medium- sized Business)

### **SCENARIO**

A small e-commerce org is looking to modernize its outdated applications and consolidate its data storage.

### **USE CASE**

Noventiq implemented a cloudbased application modernization strategy and migrating the business's data to a centralized cloud-based data storage solution.

### Mid-Market

### **SCENARIO**

A mid-sized manufacturing company is looking to modernize its legacy applications and streamline its data storage and processing..

### **USE CASE**

Noventiq implemented a cloud-based application modernization strategy, modernizing the company's data storage and processing capabilities, and consolidating its data centers to a centralized cloud-based solution.

# Enterprise

### **SCENARIO**

A large services organization is looking to modernize its mission-critical applications and data center infrastructure to improve agility and scalability

### **USE CASE**

Noventiq implemented a cloud-based application modernization strategy, modernizing the organization's data storage and processing capabilities, and consolidating its data centers to a centralized cloud-based solution.





# **Transformation Phases**



# **Transformation Phases**

Noventiq's digitalization journey has 5 main stages, supported by Azure Cloud Adoption Framework

## Assessment and Discovery

Infra and App Analysis and Discovery

App to Infra Mapping

- App Dependency Assessment
- Workload Categorization
- Calculating TCO

02

01

## Planning and Design

- Design Landing Zone on Azure
- Plan security at all layers
- o DR & HA strategy

 Prepare Migration Plans and Deployment Plans

03

## Cloud Migration

- Build Landing Zone on Azure
- Configure Infrastructure and Application
- Identify cutover window, initiate test failover & validate migration status
- Execution of Migration Waves

04

# **Testing and Cutover**

- Preparing test plan and test cases
- o Performing functional testing
- Coordinating business testing
- Performing performance testing.
- Performing UAT and patch testing

05

## Hand Holding

- Handover to the respective teams
- o Train them on the respective technology to bridge the gap





# Assessment and Discovery

It's a part of our Cloud Enablement and Innovation Service Offering, where we assess your environment for a better future and completely aligned with the Microsoft's approach of Holistic Business Case



# **Cloud Solution Assessment – Benefits and Business Value**

Noventiq utilizes the Modern tools to Analyze the Apps, DB and the other components, providing the insights along with recommendations.



EXECUTIONS

Implement migrations that are suited to your scenario.

• DIGITAL TRANSFORMATION

Get assistance securing support for the digital transition

LEVERAGE

Use digital modernization to the advantage.

REDUCE COSTS

Make better educated judgements to cut costs.

SECURITY UPGRADE

Upgrading your security posture.

MATURITY

Raise sustainability and advanced digital maturity

# **Cloud Assessment Strategy**

## Noventiq applies the best of the TWO Worlds, Human Intelligence and Automation Stack

### **Tools & Automation**

- Automated Scan for all the devices on the network
- Multiple tools for Different Data Views
- Infrastructure
   Recommendations based on standard Cloud
   Configurations
- Auto generation of reports in different portable formats



## **Human Intelligence**

- Collect Architectural and Operational Data
- Apply to tool generated output to reconcile any anomalies and errors.
- Apply Optimisation models to obtain updated recommendations

## **Analysis & Synthesis**

- Create data from all sources to create one database of all source infrastructure and application.
- Propose Future Cloud Design.
- Create migration roadmap including migration schedule, test plan and Operational plan









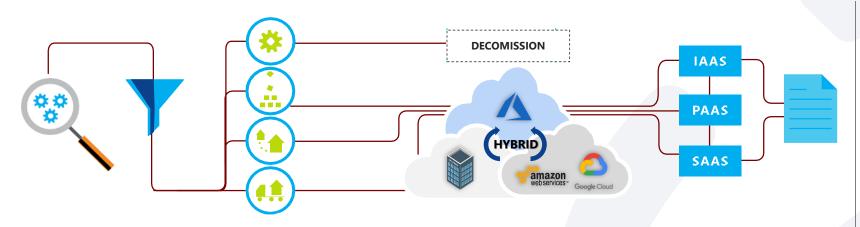






# **Assessment Approach**

The approach which Noventiq follows for performing the workload assessments.



**Assessment Tools** Cloudamize





# • People, Process & **Tools Onboarding** Pre-Assessment • As is Infrastructure Inventory As is Infrastructure & **Application**

- **Architecture Review** Access Provisioning
- Current Capex & Opex Cost

# Collection

Data

- Infra Migration Assistant
- Data Migration Assistant
- Web/App Migration Assistant
- Client IT Stakeholder Interview (Architecture Question,

# Analysis

- Data Reconciliation & Massaging
- Application & **Database Service Dependency Analysis**
- Cloud Compatibility Matrix Review & **Analysis**
- Model TCO **Optimization**

# **Assessment Review**

- TCO/ROI Analysis
- Cloud Migration Approach
- Cloud Migration Roadmap
- Migration Schedule
- Issues/Risk & Mitigation Plan
- Migration Deliverables & Cost

1 Week

3 Weeks



# **Readiness Assessment Report – Key Elements**

Noventiq's Assessment Architect goes deep down while analyzing the workloads and present it with the holistic report for the business leaders aligning ourselves with Microsoft's approach of Holistic Business Case



## **Executive Summary Presentation**

High Level View Of Findings & Recommendations



### **Infrastructure Assessment Report**

- Current State of Servers / Appliances
- Azure Target State Options & Recommendations



## **Networking Assessment Report**

- Current State Of Networking / Connectivity
- Azure Target State Options & Recommendations



## **Applications Assessment Report**

- Current State Application Inventory And Architecture
- Optimization Recommendations
- Migration Strategy And Migration Path





## **Databases Assessment Report**

- Current State Database Inventory And Architecture
- Optimization Recommendations
- Migration Strategy And Migration Path



## **Cost Analysis Document**

- Projected Operational Costs In Azure Based On The Target
- Architecture & Client's Estimated Usage Data
- Operational Optimization Recommendations



# **Azure Application Migration Roadmap**

- High-level Infrastructure Architecture Design
   (Including RBAC, DR, Backup, & Other Considerations)
- Migration Plan & Cost Of Migration Effort
- Post-migration Operational Model

Global expertise, local outcomes



# **Planning and Designing Phase**

Noventiq's approach to the Ready stage of CAF from Microsoft Azure



# **Well Architected Framework**

Noventiq applies the framework to optimize the workloads on the five pillars.



# **Operations Excellence**

Run, Manage and Monitor production workload to deliver business value and continuous improvements on supporting process and events



# **Security**

Protecting
Information,
systems, and assets
from outside world
with risk
assessment,
unplanned failures
and deployment
strategies



# **Reliability**

Auto Recover
Workload from
Infrastructure,
power system
failures with
Dynamic resource
management to
meet operational
threshold



# Performance Efficiency

Use Computing
Resources efficiently
to support on
demand change for
delivering
workloads with
Maximum
performance to
meet the SLA



# **Cost Optimization**

Avoid and Eliminate unnecessary cost or replace resources with cost-effective resources without impacting the, performance, best practices and business needs.



# **Critical Design Areas**

Noventiq employs these guidelines to assist clients in pursuing the best possible design for the intended architecture.

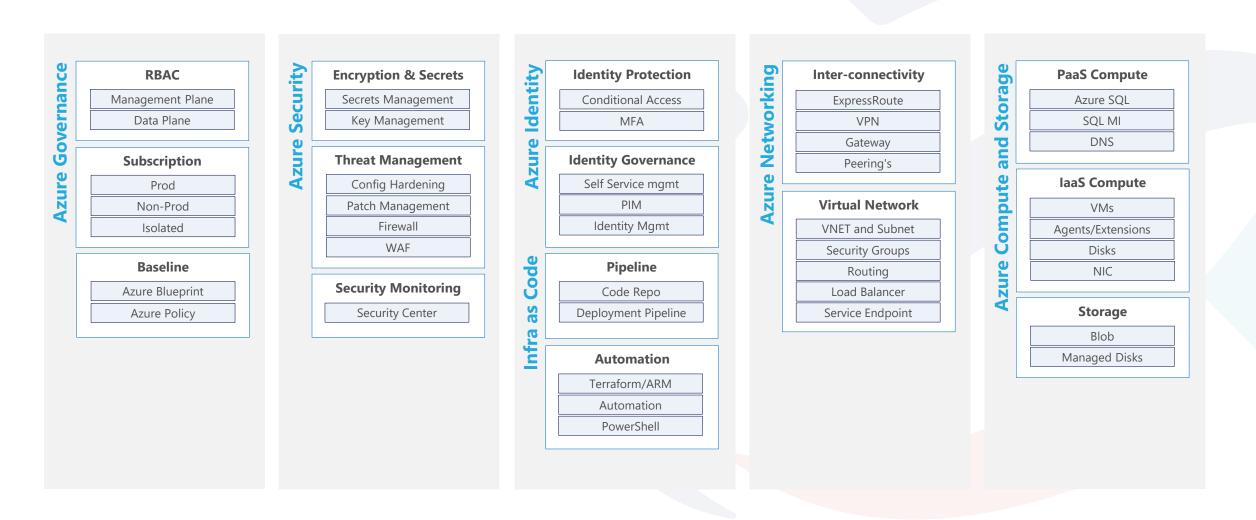
**Enterprise Business Continuity** Network Topology <u>Identity & Access</u> **Enrolment and** and Disaster STRATEGY and Connectivity SIGN <u>Management</u> **Azure AD Tenants** Recovery CLOUD Management Group Security, Management and Platform Automation and Subscription Governance and **Monitoring** and DevOps **Organization Compliance** 

**CONTROL FRAMEWORK** 



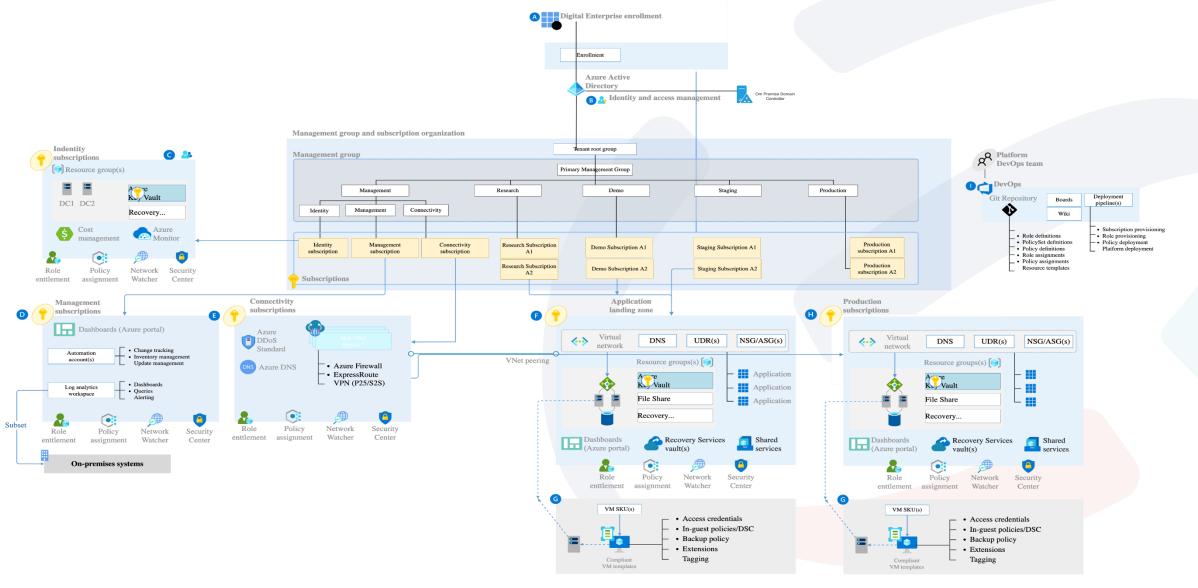
# **Architectural Components**

# **Noventiq Delivery Team works to deploy the below Azure architectural components**



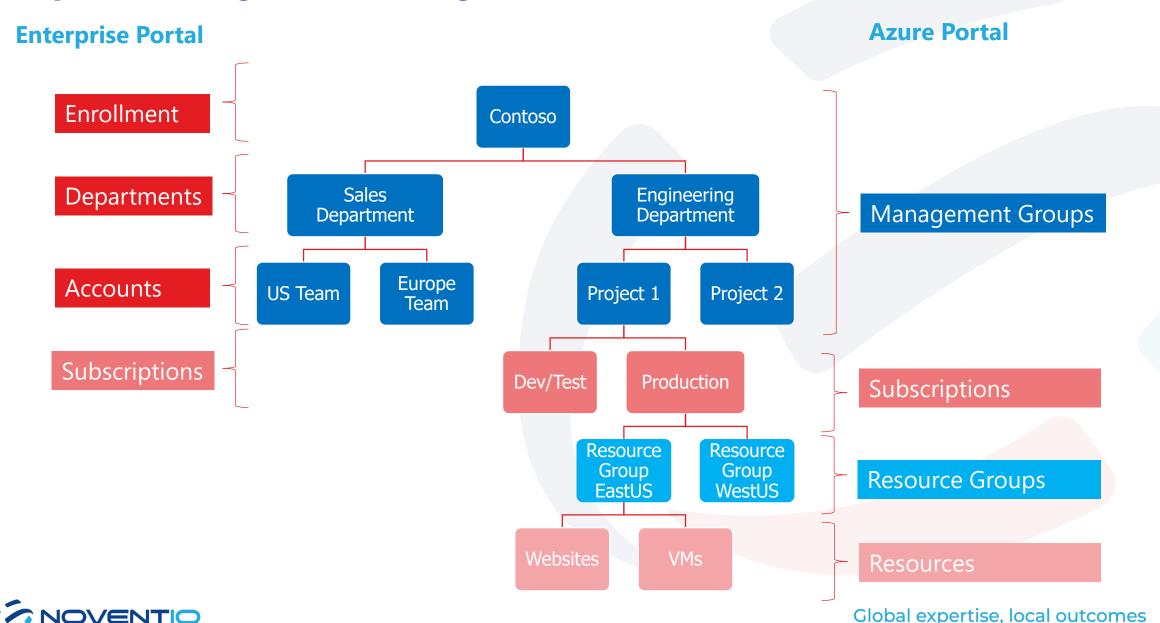


# **Enterprise Landing Zone Setup**

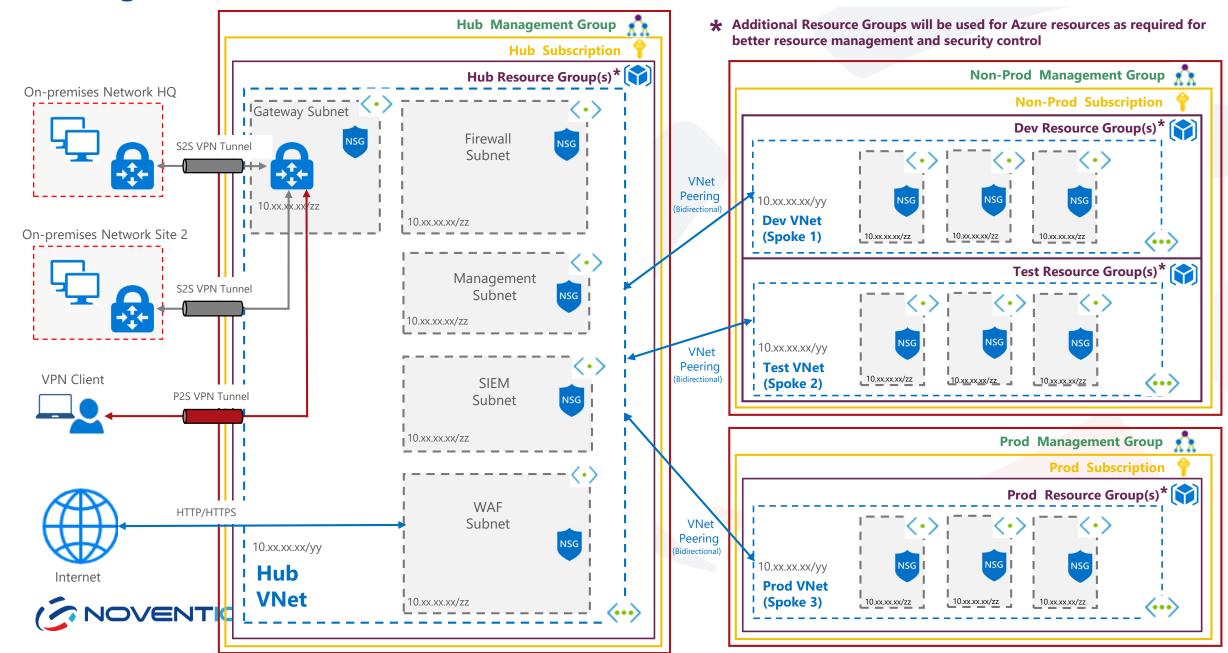




# **Enterprise Landing Zone Building Blocks**

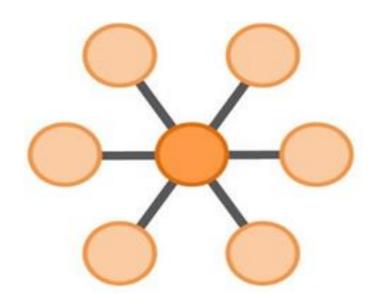


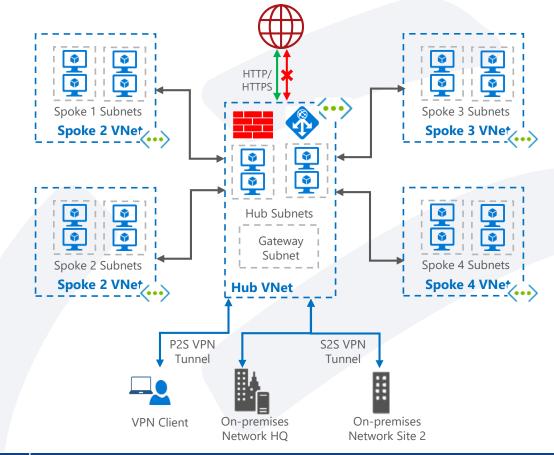
# **Landing Zone Network Architecture**



# **Hub and Spoke Topology**

# -It's Pros and Cons!!





	Benefits	Drawbacks	
Hub & Spoke	<ul> <li>Easier to manage shared services</li> <li>Lower licensing costs</li> <li>Improved segregation</li> <li>Easy to scale</li> </ul>	<ul> <li>Single point of failure</li> <li>Overhead of managing UDRs</li> </ul>	
Simplified	No single point of failure	<ul> <li>Duplication of shared services (Firewall, SIEM)</li> <li>Higher licensing costs</li> <li>Challenging to scale</li> </ul>	





# **Cloud Migration Phase**

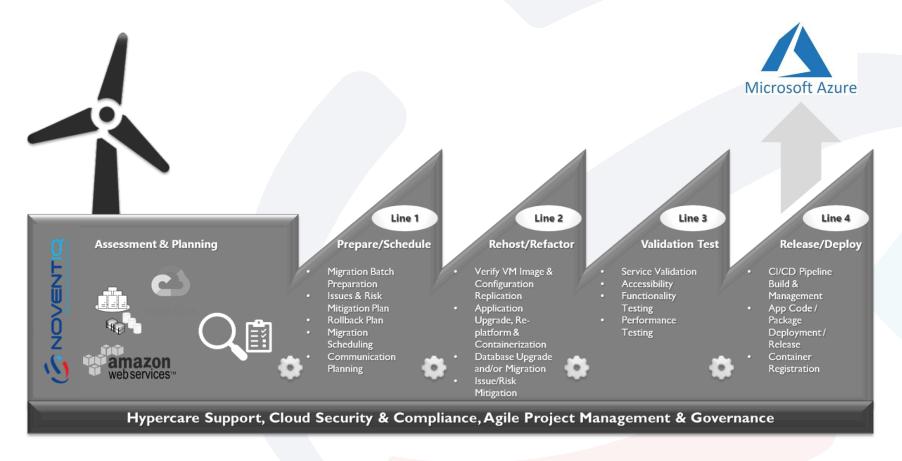
Noveniq's approach to complete Migration of any workload to Azure



# **Cloud Migration Factory**

# Why Noventiq chose the Migration Factory Approach to Migrate the workloads to Azure

- Multi-Cloud Transformation Strategy
- Fast Pace, Consistent, Secure Bulk Infrastructure Migration Execution at Scale
- Tool Based Readiness Assessment
- Microsoft CAF Aligned Landing Zone Deployment Automation
- Security Guardrails Deployment
   & Migration Pre-Checks
- Application Modernization
- Containerization Strategy
- DevOps Framework & Services
- Non-Microsoft Platform based Application Migration
- SQL or NoSQL Database Migrations



Execution Guardrails for Platform Agnostic Cloud Strategy to deploy workloads in Cloud Ecosystem at the Scale to meet Business Demand, Securely & Reliably

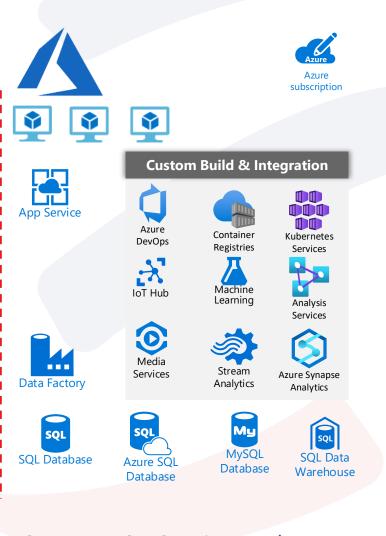


# **Cross Cloud Migration Mapping**





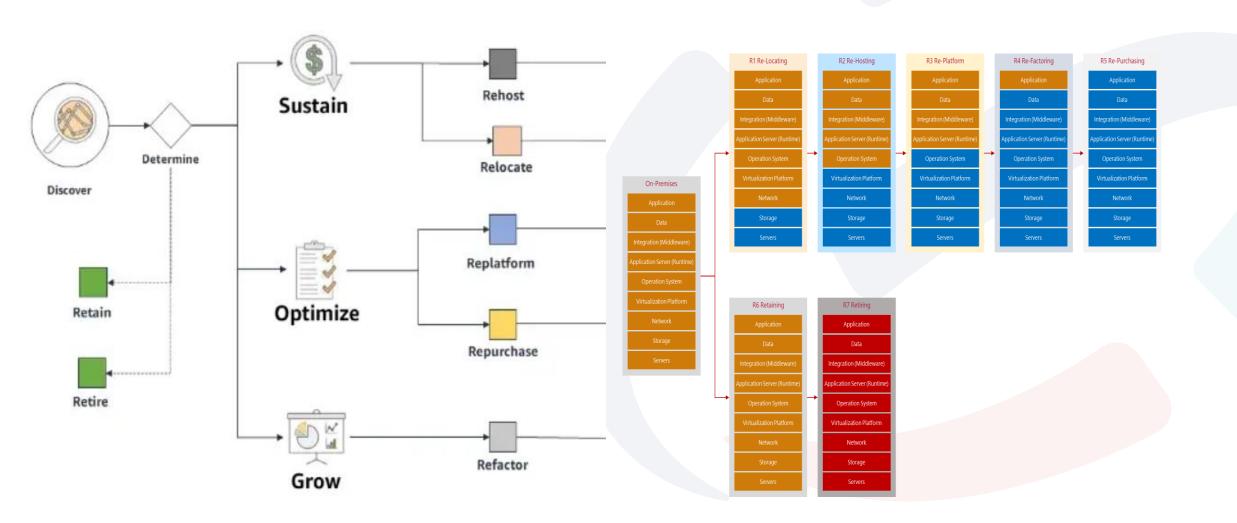




Noventiq determines & leverages Cloud Native or 3<sup>rd</sup> Party Readiness Assessment, Migration or Migration Validation Tools.

# **Migration Methodology**

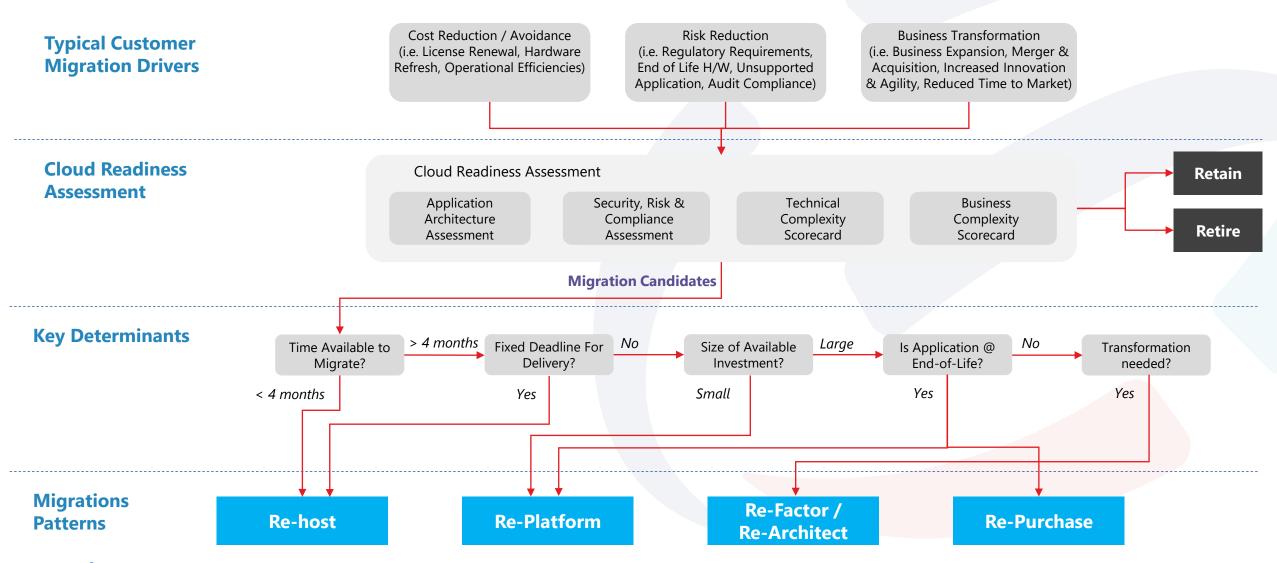
Noventiq Delivery Team works on the 7Rs Migration methodology to accomplish any migration program.





# **Migration Decision Tree**

## Helping customers to take well informed decisions







# **Testing and Cut Over Hand Holding**

Final Phases of Noventiq's Digitalization Journey



# **Migration Testing Methodology**

Methodoloy which Noventiq applies in the Testing and CutOver Phase.





# **Cloud Migration Testing**

Types of Cloud Migration Testing which Noventiq employs at this phase





# **Migration Testing – It's Benefits**

Push the Environment to the limits

Process applies to all software Migration

Errors can be spotted early

Benefits of Migration Testing

Compare between

Legacy and

Migrated

Environment

Testing mitigates the hidden risks of Cloud Migration

Up-to-date infrastructure at the time of Cut Over



# **Deliverables of Each Migration Phases**

Noventiq's Delivery Team, keeps the customer always informed with clear demarcation of Deliverables of each phase.

Assessment and Discovery	Planning and Design	Cloud Migration	Testing and Cutover
<ul> <li>Infra and App Analysis and Discovery</li> <li>App to Infra Mapping</li> <li>App Dependency         Assessment         Workload         Categorization         Calculating TCO     </li> </ul>	<ul> <li>Design Landing zone on Azure</li> <li>Plan security at all layers</li> <li>Prepare Migration Plans and Deployment Plans</li> <li>DR &amp; HA strategy</li> </ul>	<ul> <li>Build Landing Zone on Azure Configure Infrastructure and Application</li> <li>Identify cutover window, initiate test failover &amp; validate migration status</li> <li>Execution of Migration Waves</li> </ul>	<ul> <li>Preparing test plan and test cases</li> <li>Performing functional testing.</li> <li>Coordinating business testing.</li> <li>Performing performance testing.</li> <li>Performing UAT and patch testing</li> <li>Handover and Training</li> </ul>
<ul> <li>Deliverables:</li> <li>Scope, RACI, roadmap of project</li> <li>Assessment report and Recommendation</li> <li>TCO report</li> </ul>	<ul> <li>Deliverables:</li> <li>Technical Platform Design document</li> <li>Workload Migration Solution</li> <li>Deployment and Migration Plan</li> </ul>	<ul> <li>Deliverables:</li> <li>Build and Configuration         Guide</li> <li>Workload Migration Guide</li> <li>Migration Evaluation Report</li> </ul>	<ul> <li>Deliverables:</li> <li>Test plan and test cases report.</li> <li>Test exit report.</li> <li>System goes live in the new platform on Cloud</li> </ul>





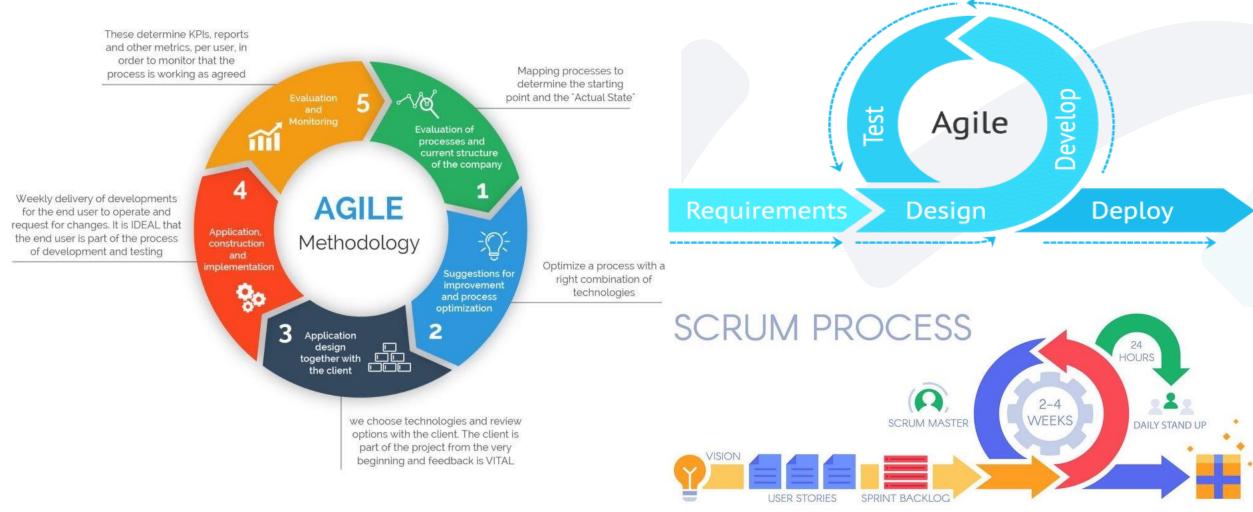
# **Cloud Computing PMOs**

By focusing on the lessons learned and management best practices that can be focused, improved, and then defused to the business, Noventiq seeks to create a mechanism for management to build clear lines of communication on what is a quickly growing technology.



# **Program Management & Governance**

Noventiq's Delivery Team works in the Agile Methodology which keeps us abreast of the timelines and deliverables around them and managing any unexpected change and request during the process.





# **Enablement Factory Deliverables**

We at Noventiq treats our Management Program Office as an Enablement Factory with demarcated Deliverables to enhance the process.

Gate #1
Eligibility Criteria

Workload

Compatibilities

**Dependency Analysis** 

**Application** 

# Develop low-level designs

Gate #2

**Factory Readiness** 

- Develop architectures
- Develop modernisation plans
- Develop proof of concept reference
- Identify the right cloud migration tools
- Develop runbooks, playbooks, test plans, success criteria, best practices, and create blueprints

# Gate #3

Landing Zone

### Develop target shell

- Build compute, storage, network, database, middleware, golden images, containerization
- Begin storage creation / replication
- Setup security
- Monitoring tools

### Gate #4

**Workload Migration** 

### Play runbooks

- Modernize workloads
- Move containers
- Build applications
- Configure data
- Integrate data
- Synchronization of data
- Accessibility

### Gate #5

Deployment Validation

### Run test cases

- Validate functional and non-functional parameters
- Validate security compliance requirements
- Compare benchmarks
- Request approval to the business via the go / no-go call.

### Gate #6

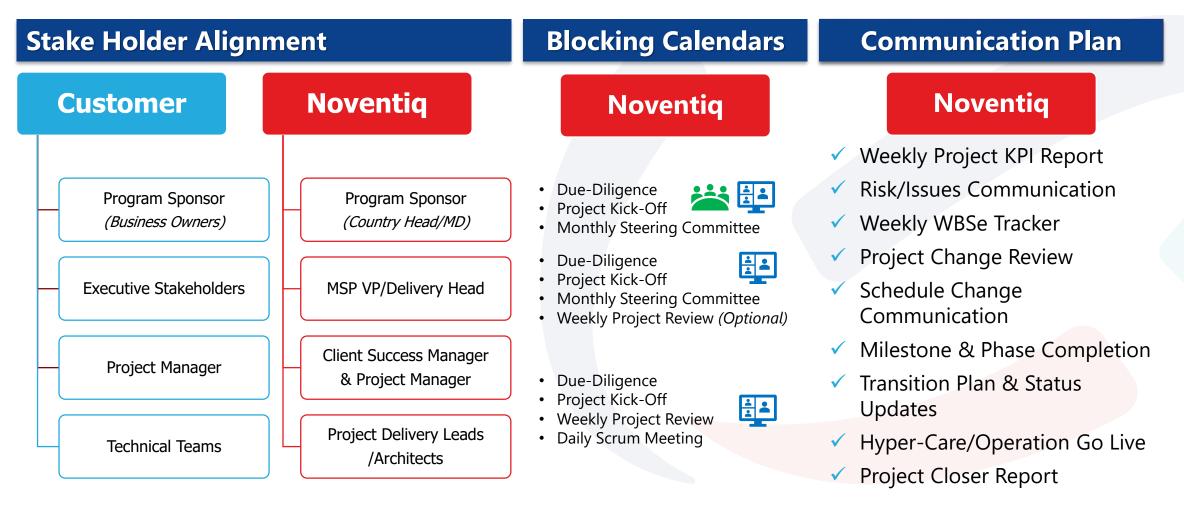
Workload Certification

- Sent out validation summary report
- Sent out application functional testing report
- Sent out performance testing report
- Gather reports signed-off by the business
- Gather 3rd party certification (optional)
- Provide KT and deployment document



# **Engagement Activities**

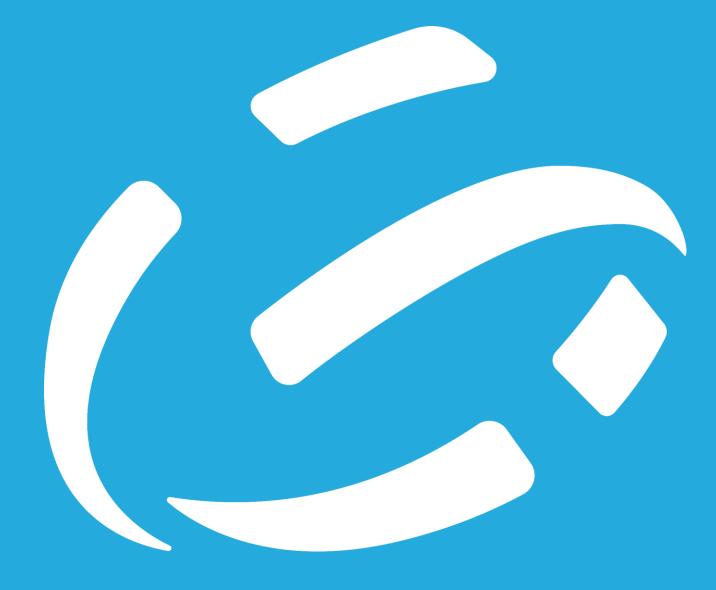
Our Program Management Team work very closely with customer's SPOC on Stake Holder Management, Resource Mapping, Blocking Calendar for Reviews and having the Communication Plan in place for smooth delivery.







# **Application Modernization Services**



# **Application Modernization**

Noventiq offers the App Modernization as a service to its customer where Code Base is of highest priority.



#### **INFRA REFACTORING**

Refactoring a programme entails some design changes but does not involve significant code alterations.



#### **CONSIDERATIONS**

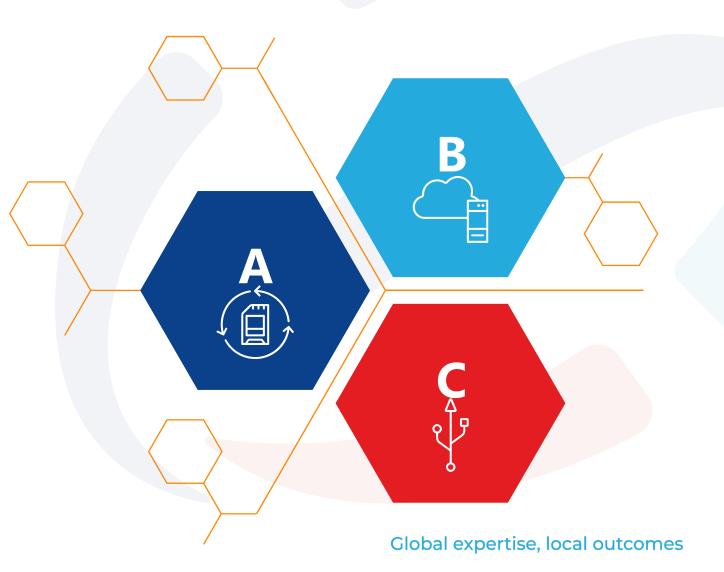
- 1. It is crucial to utilize the codebase and development skills already in place.
- 2. When the Agile Methodology is used, and code portability is a concern



#### **BENEFITS**

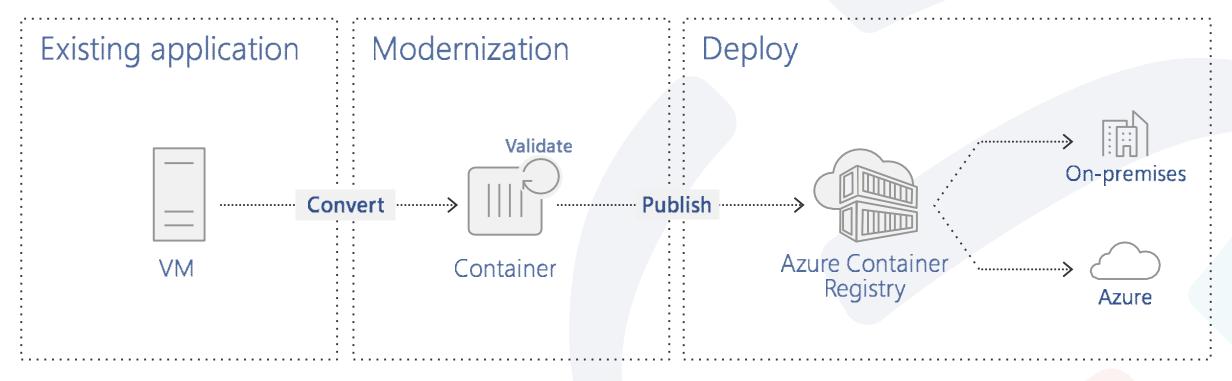
Use containers or the built-in DevOps to promote continuous innovation. Easily usable and extensible programming models, languages, and frameworks already in existence.





#### **NO CODE Modernization**

Noventiq offers the App Modernization as a service to its customer where Code Base is of highest priority.





#### **Container Agnostic**

Utilize Azure to run any container of your choosing.



#### **Azure DevOps Integration**

Integration of Azure DevOps Server on-premises and Azure DevOps Service allows for faster app deployment.



#### **Platform Agnostic**

Utilize a prescribed platform or build your own.



# **Azure DevOps - Why?**

Covers the complete application lifecycle, supports DevOps capabilities, and offers version control, reporting, requirements management, project management, automated builds, testing, and release management features.





#### Powerful

With built-in DevOps for continuous innovation and Cloud Native features, increase corporate agility. By shifting your programs to the cloud, you may immediately increase the performance, scalability, and resilience of such apps.



#### **Flexible**

Supports every step of the modernization process for apps, from lift-and-shift through cloud-native. Utilize virtual machines, containers, microservices, or serverless to replicate or update app infrastructure.

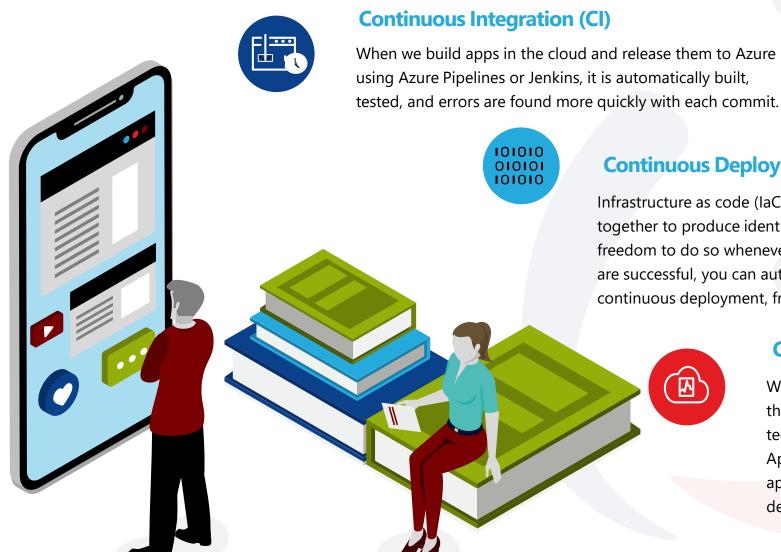


#### **Open**

Bring your stack, and we'll provide a cloud that can run any programme in any language on any platform. Build apps using the language and tools of your choice. Azure supports your current tool set, allowing you to quickly get up and running.

Global expertise, local outcomes

# **Azure DevOps – Technical Expertise**



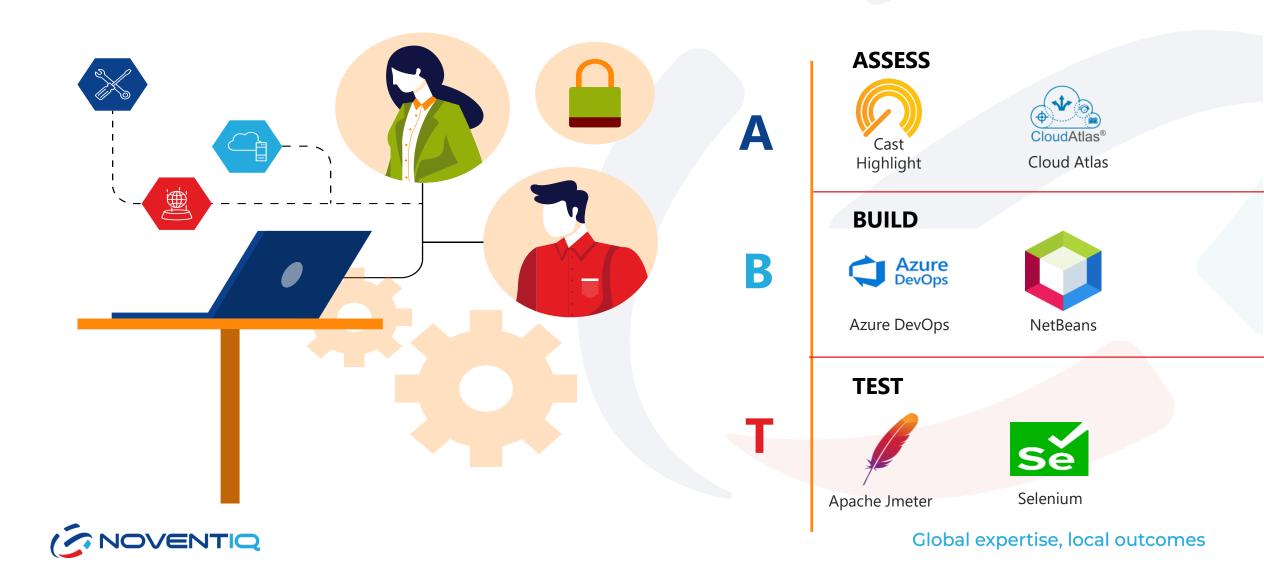
#### **Continuous Deployment (CD)**

Infrastructure as code (IaC) and continuous integration work together to produce identical deployments, giving us the freedom to do so whenever we choose. If your CI/CD tests are successful, you can automate the entire process with continuous deployment, from code commit to production.

#### **Continuous Learning & Monitoring**

When features are prepared, we will be able to provide them to your consumers safely by utilizing CI/CD techniques and monitoring tools. With the help of Azure Application Insights, we can determine how the applications are doing and determine whether recent deployments have improved or worsened things.

# **Azure DevOps – Tools and Technology Stack (ABT Approach)**

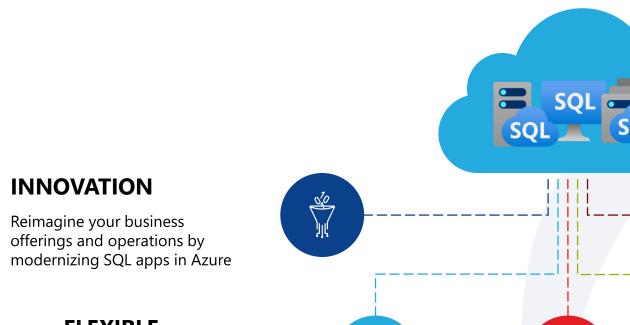




# Database Modernization



# **SQL** on Azure – The Best Approach



#### COST

Save money in Azure by leveraging your existing licenses and free upgrades

#### **FLEXIBLE**

Maximize your SQL investments by migrating to the only cloud with end-to-end hybrid infrastructure



#### **LIMITLESS**

Guarantee performance at limitless scale with industry-leading SLAs and built-in high availability

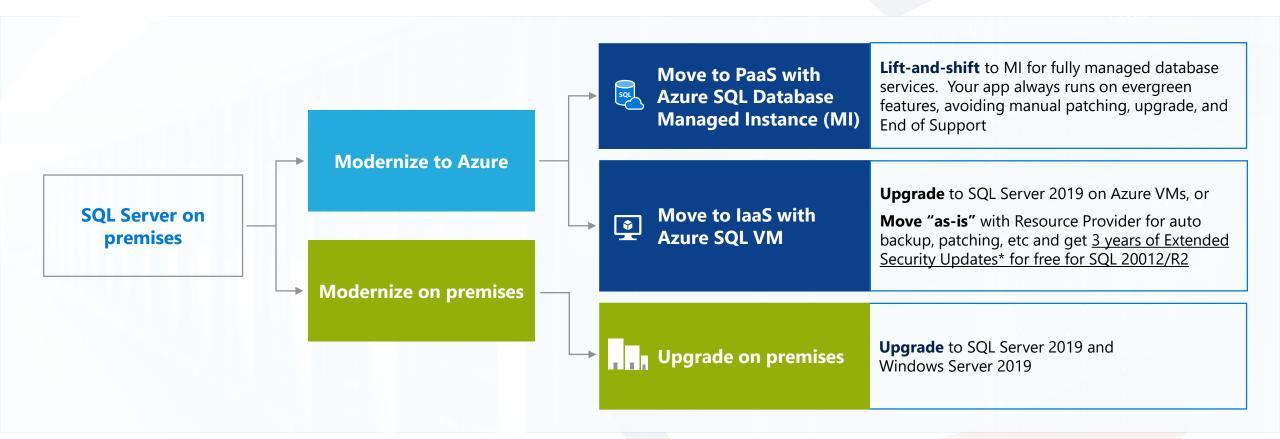
#### **SECURE**

Protect your data with the most comprehensive set of compliance and security offerings in public cloud



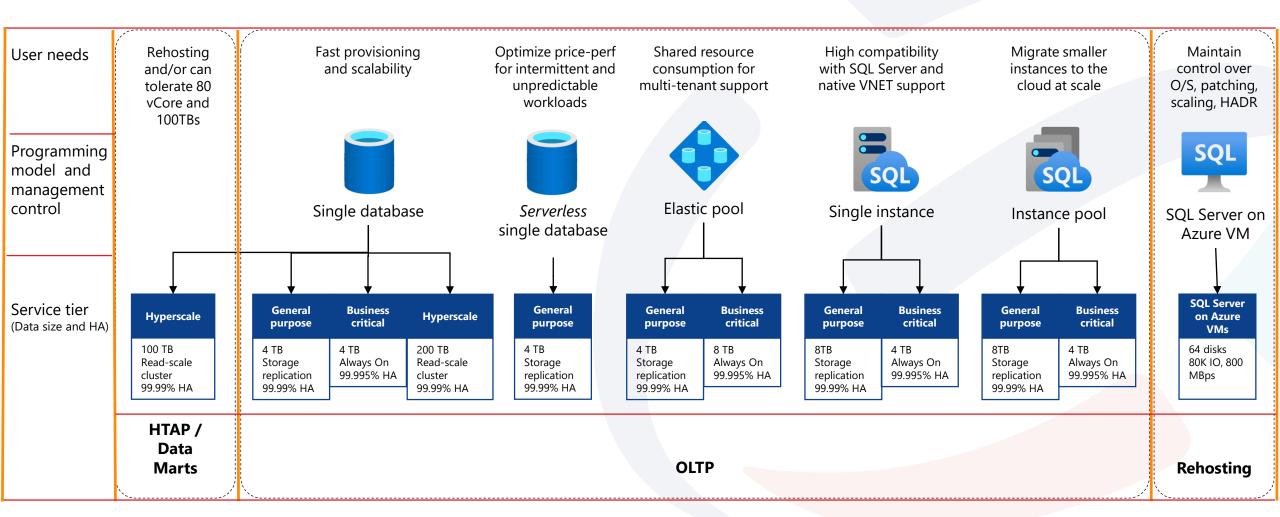
# **Migration Options for your SQL Databases**

#### **Destination for SQL workloads in the cloud**





# How to pick Azure SQL models and service tiers

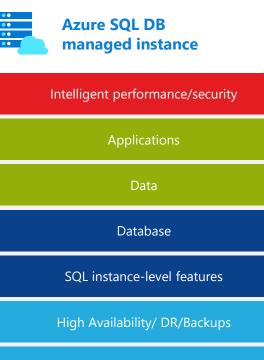


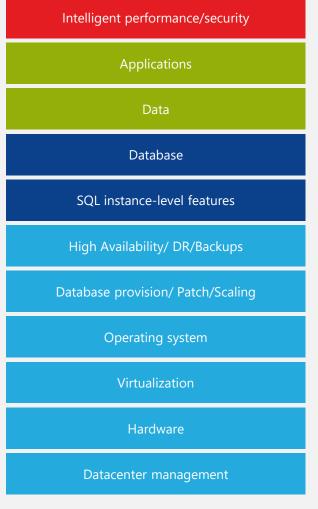


# **Comparing Manageability**

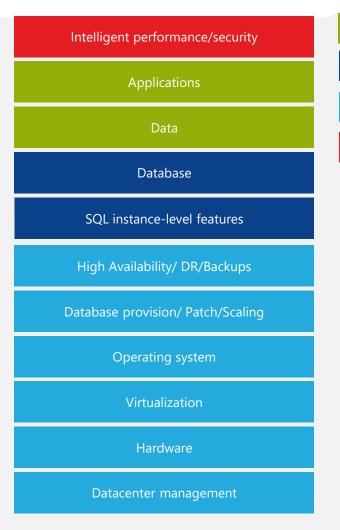


Applications Database SQL instance-level features High Availability /DR/Backups Database provision/ Patch/Scaling Operating system Virtualization Hardware Datacenter management









Managed by customer

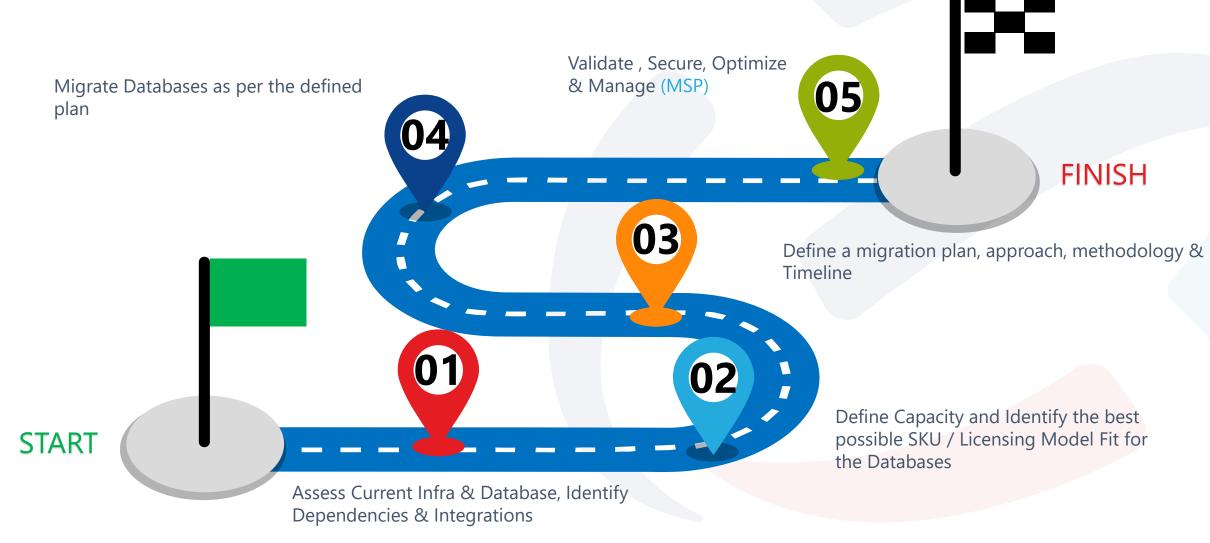
Managed by Microsoft

Machine learning capability

Managed by Noventiq's NOC

Services

# **How Noventiq's Advisory Services Helps!**







Assessment Output and Way Forward – Example

**HBC** Aligned



## **Deliverables of Each Phases**

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Assessment and Discovery	Planning and Design	Cloud Migration	Testing and Cutover
<ul> <li>Infra and App Analysis and Discovery</li> <li>App to Infra Mapping</li> <li>App Dependency         Assessment         Workload Categorization         Calculating TCO     </li> </ul>	<ul> <li>Design Landing zone on Azure</li> <li>Plan security at all layers</li> <li>Prepare Migration Plans and Deployment Plans</li> <li>DR &amp; HA strategy</li> </ul>	<ul> <li>Build Landing Zone on Azure         Configure Infrastructure and         Application</li> <li>Identify cutover window, initiate         test failover &amp; validate migration         status</li> <li>Execution of Migration Waves</li> </ul>	<ul> <li>Preparing test plan and test cases</li> <li>Performing functional testing.</li> <li>Coordinating business testing.</li> <li>Performing performance testing.</li> <li>Performing UAT and patch testing</li> <li>Handover and Training</li> </ul>
<ul> <li>Deliverables:</li> <li>Scope, RACI, roadmap of project</li> <li>Assessment report and Recommendation</li> <li>TCO report</li> </ul>	Deliverables:  o Technical Platform Design document o Workload Migration Solution o Deployment and Migration Plan	Deliverables:	<ul> <li>Deliverables:</li> <li>Test plan and test cases report.</li> <li>Test exit report.</li> <li>System goes live in the new platform on Cloud</li> </ul>



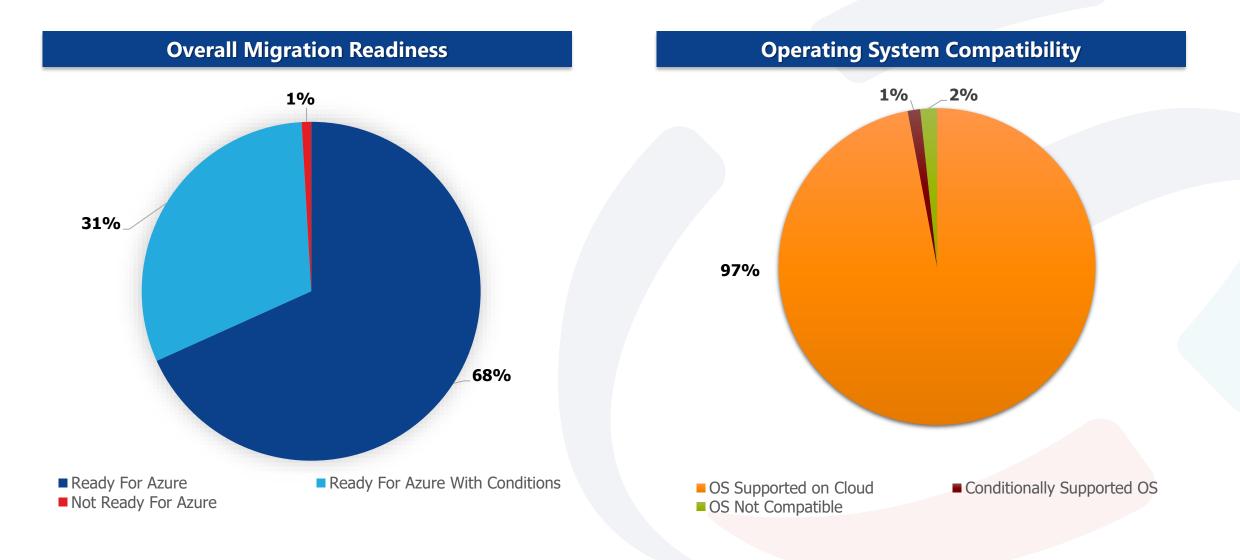
#### **Current Infrastructure Estate**

Architects gets deep into the Infrastructure to get the complete details of the landscape

**Infrastructure Servers/Application Groups Infrastructure VMs/OS Types** ■ Appliance Linux (64-bit) **■** CentOS ■ IBM AIX **27** 204 ■ Core **559** ■ Linux AWS OVA 316 ■ Data & Analytics 84 ■ Digital Services ■ Microsoft Windows ■ Front-end ■ Microsoft Windows Server ■ Integration 514 117 48 15 ■ Oracle Linux **■**IT Operation 240 ■ Red Hat Enterprise Linux 114 **132** 222 ■ Partner **52** ■ SUSE Linux Enterprise



## **Cloud Readiness State**





# **Categorization Of Apps & Identification Of Risks**

**Critical (B1-A)** 

High (B1-B)

Medium (B1-C)

Low (B1-D)



Windows 2003 Server In use and is no longer supported. This is red flag and can cause security issues going forward



Multiple Legacy version of CentOS / RHEL being used which is not recommended and should be upgraded to latest version to ensure continuous support



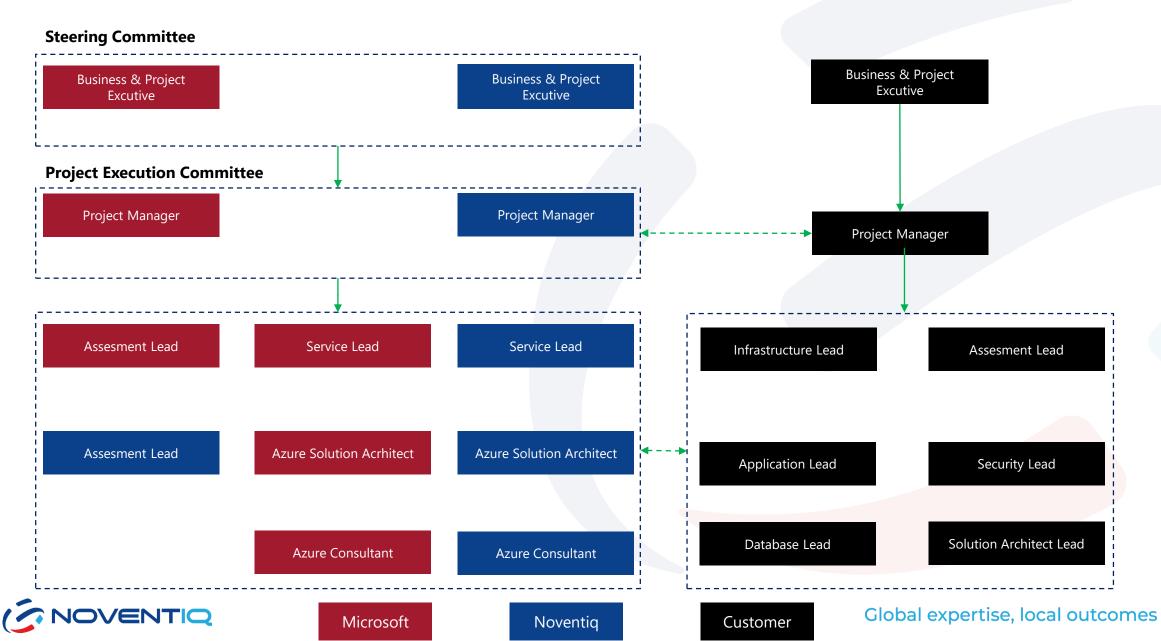
Some of the Systems are leveraging low spec disks that should be upgraded as part of the migrations.



The environment has legacy database versions, which were not suited for this Azure migration, these will have to be modernized to best suited the deployments.

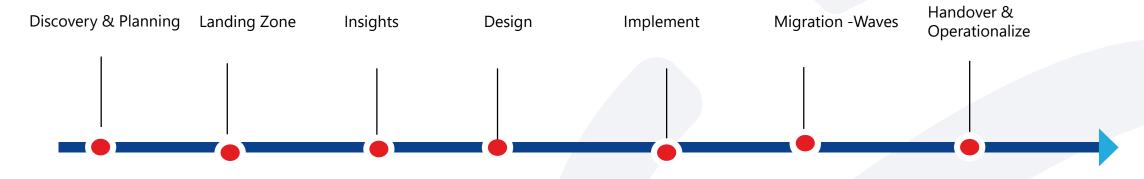


# **Engagement Plan**

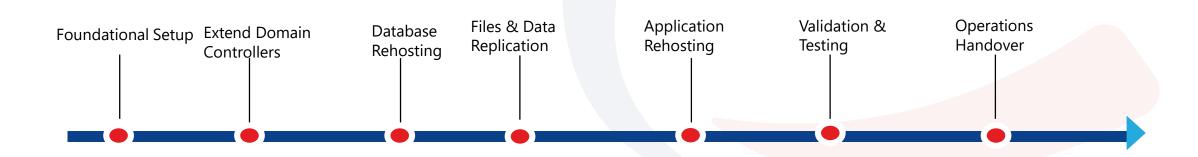


## **Timeline Definition**

# **Engagement Journey**



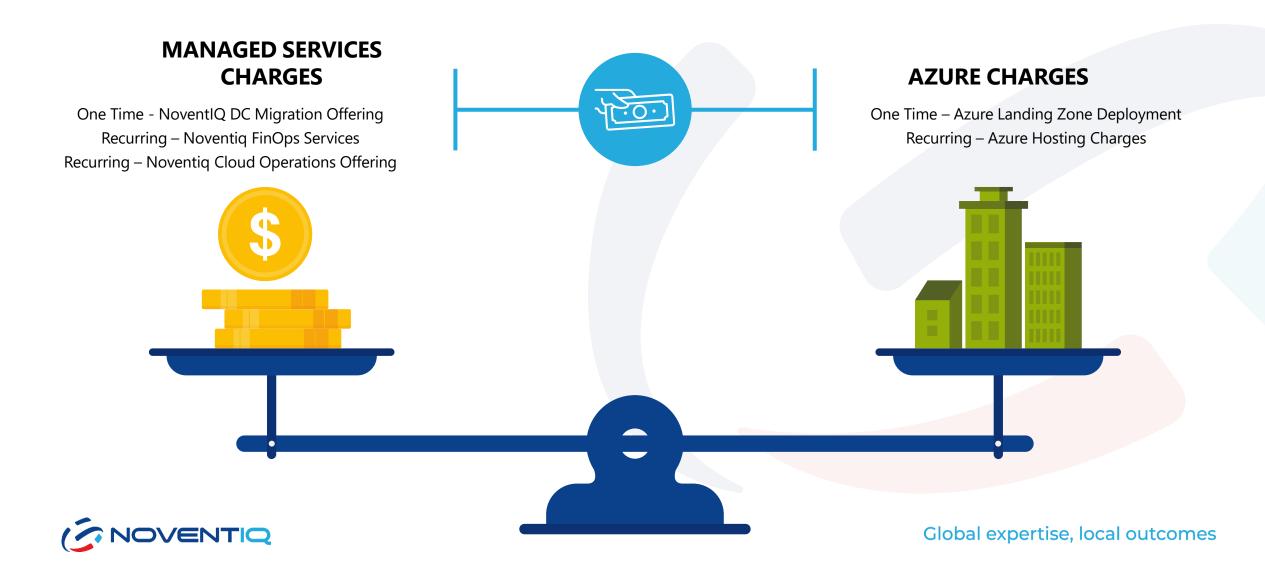
# Migration Wave Journey





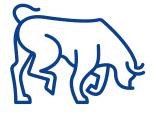
# **Total Cost Of Ownership**

Noventiq showcases its customer the breakup of charges along with the services



# **Azure Hosting Financial Models**

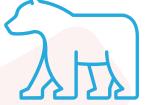
Noventiq clearly showcases the customer all the available Financial Models from Azure



#### Pay As You Go Model

There is no upfront commitment, and you only pay for what you use after the free limit. You can also cancel at any moment.

# Reserve Instance Model



Reduce costs significantly with one-year or three-year contracts for Windows and Linux virtual machines, saving up to 72% compared to pay-as-you-go pricing

(VMs)

Global expertise, local outcomes



# Why Noventiq?

Revolutionize your business operations with our innovative Azure-based solution that offers cloud-based services and automation. Our team of experts will collaborate closely with you to evaluate your current infrastructure and devise a personalized plan to cater to your distinct requirements. By upgrading to our future-ready technology, you can reduce costs and enhance performance, and take the first step towards a successful digital transformation journey.

Revamp your Business with our Cloud Modernization and Migration Offer



# **Global Delivery Capabilities**







>1000

>800

>100,000

#### **Client Engagements**

- Cloud
- Security
- Modern Workplace
- Change & Adoption

#### **Professional Services**

- Largest proportion of activity
- \$5K \$100K revenue range

#### **Managed Services**

- Support services through delivery centres
- Complex projects delivery at scale \$25k
   \$250K





# **Noventiq's Consultation**

**Areas in which Noventiq helps customer to achieve Digital Transformation** 

Datacenter expiration

Eliminate recurring expenses

**Ensuring business continuity** 

Resilient apps and operations

Defending against cybersecurity threats

Cloud security solutions deployed by Noventiq like Azure Sentinel, Security Center

Improving cash flow

Shift from CAPEX to OPEX

Managing constrained budgets

Shifting on-prem operations to Managed Service Provider like Noventiq

Application innovation

App innovation – Build, Measure and Learn



# Unleash the full power of Microsoft with Noventiq's Cloud Center of Excellence

#### Your trusted partner for innovative solutions!

Noventiq is a leading global solutions and services provider in digital transformation and cybersecurity, a trusted partner in Microsoft Cloud Partner Program with deep solutions expertise supported by Azure Expert MSP status and 11 Advanced Specialization in Azure, Security, Modern Work and Business Applications.

Noventiq's Cloud Center of Excellence specializes in multi-cloud environments with a focus on Microsoft technology, coupled with expertise in software, solutions and proprietary services for transformation, management, security and modernization to enable customers' success.

25 +

Partnership with Microsoft

6 Delivery Centers

150+

Azure Managed Services Clients 550+

**Professionals** 

480+ Engineers

20+ Architects

40+ Project Managers

100%

Projects Delivery Rate

#### **Skills & Certifications**

- Microsoft: Azure, Microsoft 365 & on-premises solutions
- AWS: Networking, Data, Security
- Google: GWS & GCP
- Virtualization: VMware, Citrix
- Backup & Recovery: Acronis, VMware, Symantec
- Unified Communications: AudioCodes, Genesys Cloud, Poly, ASC
- Security: McAfee, Checkpoint, TrendMicro, Kaspersky
- Hardware: HP, IBM, Dell, Lenovo
- Database: MS SQL, PostgreSQL, Oracle , MySQL and NoSQL





Microsoft Partner

Azure Expert MSP

Microsoft

Microsoft Intelligent Security Association

Microsoft













#### Azure

Advanced Specializations:

- Infra and Database Migration to Microsoft Azure
- Microsoft Azure Virtual Desktop
- Kubernetes on Microsoft Azure

#### Security

Advanced Specializations:

- Cloud Security
- Identity and Access Management
- Threat Protection
- · Information Protection and Governance

Modern Work & Business Applications Advanced Specializations:

- Adoption and Change Management
- Calling for Microsoft Teams
- Teamwork Deployment
- Microsoft Low Code Application Development

## **CLOUD MODERNIZATION AND MIGRATION OFFER**

Learn more: www.noventiq.com

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