Azure iPaaS Assessment and Roadmap

Neudesic's Azure iPaaS assessment includes analyzing and understanding your integration environment requirements and developing blueprint architecture to help you on your Azure cloud journey. This includes Proof of Value and Assessment & Architecture roadmap. A Proof of Value acts as a litmus test to scope out feasibility and ROI for moving to Azure iPaaS. Assessment & Architecture Roadmap lays out a plan for platform modernization of existing integration hub to Azure iPaaS. Moving to iPaaS provides decreased cost and scalability. Neudesic provides deep expertise on building, implementing, and maintaining best-of-breed integration solutions and API management.

Approach

Feasibility
- Understand business use case
- Strategy and Approach
- Proof of Value (PoV)

Discovery
- Understand integration landscape, business requirements and translate to future needs

Envision
- Architecture roadmap for cloud
- Business proposal

Implement
- Modernization
- Migration
- API (Microservices)
- Greenfield/Brownfield

Manage
- Integration platform support
- Enhancement
- Business reporting

Our offerings

Modernization of on-premise integration platform to Azure cloud iPaaS

Microservices – API management iPaaS platform for API development, configuration & governance
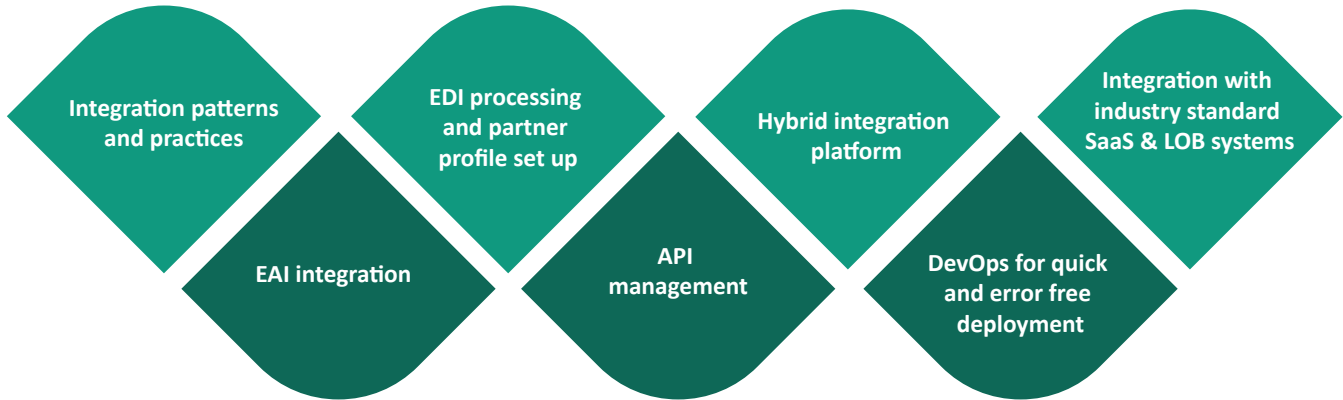
Migration of existing integrated product, platform, or application

How we can help

Offerings	How we engage		Deliverables
Feasibility Assessment	**5 Working Days** • 4-6 Hours – understand existing business flow & challenges • 2 to 4 days – solution ideation and implementation • Customer presentation & business proposal		• Business discovery workshop • Single use case pilot • Business value report card
Discovery & Envision Workshop	Small	10 Working days	• Architecture & solution blueprint • IP transfer • Business Proposal
	Medium	15 Working days	
	Large	20 Working days	

Technical expertise

- Integration patterns and practices
- EAI integration
- EDI processing and partner profile set up
- API management
- Hybrid integration platform
- DevOps for quick and error free deployment
- Integration with industry standard SaaS & LOB systems

Our domain expertise

Manufacturing
- Migrated and modernized the integration solution from on-premise to cloud which resulted in a 30-40% cost reduction per year over the on-premise integration hub
- Developed a Software-as-a-Service (SaaS) platform for product planning using microservices and secured using Subscription key, VPN, API gateway and Web Application Firewall

Oil & Gas
- Designed, developed and operated an IoT analytics solution to monitor gas wells based on 58 different parameters
- Enabled processing of 3 Million sensor transactions per day
- Provided real time mobile views to display sensor data to field users

Financial services
- Implemented a solution to integrate multiple country wide ERP systems with Salesforce
- The system processed 1 Million ERP transactions per month
- The solution provided periodic payments and balance sheet settlement from stores to organization`s General Ledger and Accounts Payable
- Processed loan returns payment from customers to organization

Logistics
- Designed, developed, and operated the integration platform to process 3 Million shipment tracking transactions per day.
- On-boarded 50+ corporate customers in 3 months
- Implemented real-time shipment tracking dashboard for corporate customers

Healthcare
- Experience integrating multiple sales, marketing and service support platforms like Salesforce, ServiceNow, Neo4j, Marketing cloud, Txtwire and Twilio, however not limited to these platforms
- Our solution design is based on API led architecture for lightweight and scalable integrations

Banking
- Provided integration platform, technical & architecture leadership for existing integration hub
- Carried out platform optimization by proactive platform health-checks and corrected platform issues

Benefits

Faster time to market
- Vast set of enterprise, community & marketplace connectors reduce development time
- Infrastructure provisioning not required
- DevOps error free deployment
- Neudesic`s accelerator saves 2 sprint worth of development efforts

Reduced CapEx
- Demand based elastic scale
- iPaaS Pay-As-You-Use model helps in keeping cost low for integration platform

Operate with confidence
- Neudesic`s in-depth integration experience and solution built on guaranteed delivery, manageability, security and scalability enhances operational confidence
- High availability
- Geo-replication
- Most cloud platforms offer high availability SLA upto 99.99%

Resilient to business change
- Leveraging right iPaaS integration patterns and practices, enhancement in integration flow or change in end systems can be achieved with no impact to business
- Microservices architecture
- Pub-sub architecture
- DevOps practice
- Containerization

Accelerators

iPaaS Azure Framework Accelerator

Neudesic's accelerator is easily customizable with automated deployment of infrastructure and solution components. The accelerator includes encryption, decryption, OAuth, message & file tracking, and exception handling modules. Our framework provides quick integration solution with reduced lead time by 2 sprints.

- Framework Component
- Deployment
- Infrastructure Component
- Scripts
- Dashboard
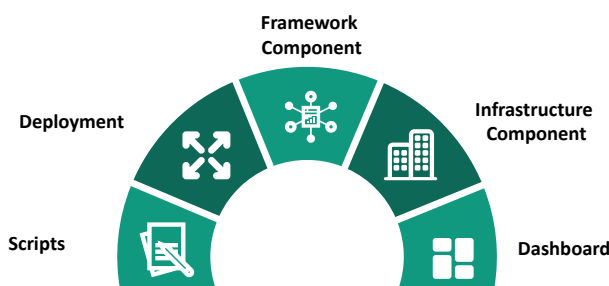
Azure API Management Framework Accelerator

Neudesic's APIM Framework Accelerator is built to set up API Management instance and configure APIs. Accelerate APIM set-up and gain faster time to market with API configuration which supports API versioning, operation creation, policy configuration and automated deployment. This framework is customizable and extendable based on the organizational requirements.

- Extendable Framework
- Infrastructure Setup
- API Management
- Deployments
- Scripts