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Application Modernization Assessment

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Our Capability - Expertise

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CSP, MSP, ISV Dev Center, ESP

Experience of managing 150+ azure engineering engagements

CoE for Azure Infra, Engineering and DevOps

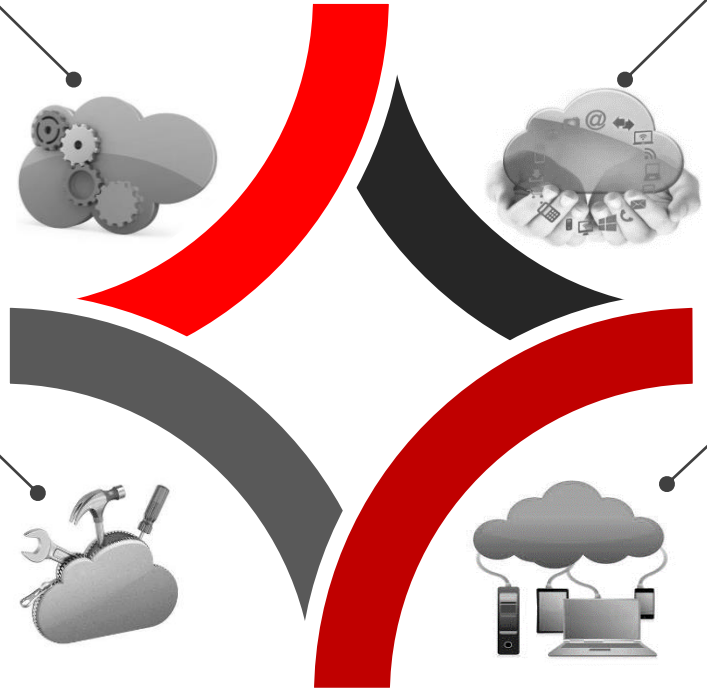
100+ CSP/ Managed Service Customers

Credentials

- CSP & Enterprise Cloud partner
- 54 + CSP Customers/ Managed Service associations
- End to End Cloud Services- Consulting to Managed Services, 24/7 Support
- Sonata IP In Azure / AppSource

Experience

- 200+ Cloud engineers and 300+ Azure Developers
- 40+ cloud evangelists and Architects
- 100 + Successful Cloud Migrations
- 50 + Assessments
- 10+ Large Data Migrations to cloud



Methodology

- Proven Consulting Methodology
- Proven Migration Methodologies
- Platform Engineering Methodology
- Operations and Automation Methodology

Framework / Automation

- Own Platform for managing operations
- Automated Framework for DevOps
- Automated Framework for CloudOps

Microsoft
Engineering, Migration, Evangelizing, Global Support

SAR

PennyMac

QueenslandRail

TUI Travel PLC

sage

Lexvia

Expedia

Sterling Talent Solutions

Crawford

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Modernization Service

Assessment

Modern DC Assessment

- On Prem to Cloud Migration Assessment

Application Modernization Assessment

- Legacy Application to Modernization Assessment

Modernization

DC Modernization

Application Modernization

- With App Service
- With AKS
- With Microservice and Service fabric
- With Platform Engineering

Modern DR and BCP

Biz Apps on Azure

- SAP ECC / SAP Hybris
- MS Dynamics
- Internal Business Applications, Platforms

NextGen Managed Services

Managed DC

Managed Applications

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Assessment Approach

Discover

- Identify the Applications
- Identify there Dependencies
- Cloud migration analysis to group applications.

Analyze

- Analyze four forms of Application modernization.
- Group applications as per the outcome of this analysis.

Roadmap

- Application prioritization
- High level Migration schedule

Tools:

Corent

CUSTOM **ASSESSMENT FRAMEWORK**

Cloudamize

True Sight

Azure Migrate

UnifyCloud

SONATA CUSTOM **ANALYSIS FRAMEWORK**

AWS Import export

AWS SMS

AWS DMS

Azure Site Recovery

Sonata Cloud Migration reference Plan

Sonata platform Engineering Reference Plan

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Discovery Phase

Application information

- Application Technology stack details
- Application Business needs
- Application deployment needs and dependencies

Application Grouping and Dependency

- Identify key applications and group them
- Identify Criticality and Usage
- Cloud Migration Analysis

Non functional requirements

- Application scalability needs
- Application Security needs
- Application availability needs
- DevOps
- Hosting and Cost Model

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Analyze Phase

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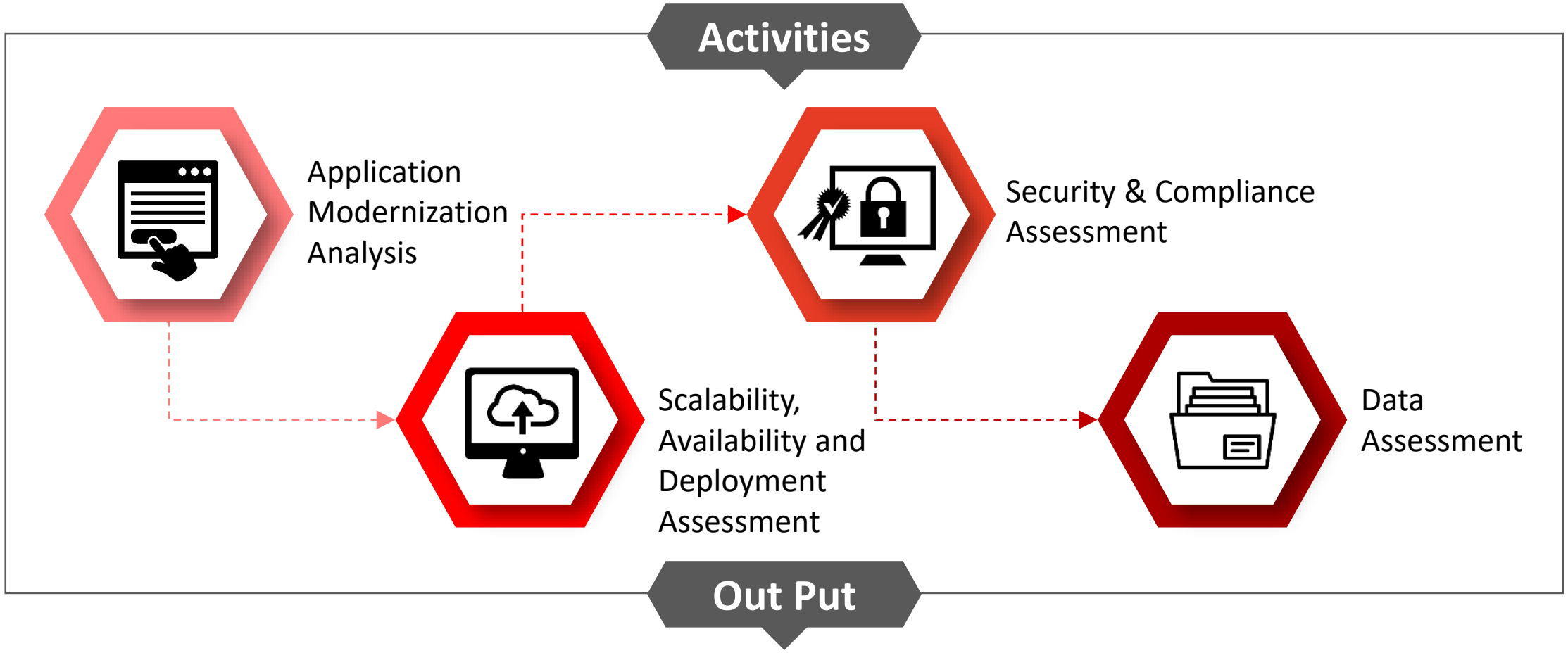
Using Inputs from Discovery Phase



Detailed Modernization Report

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Cloud Engineering Framework

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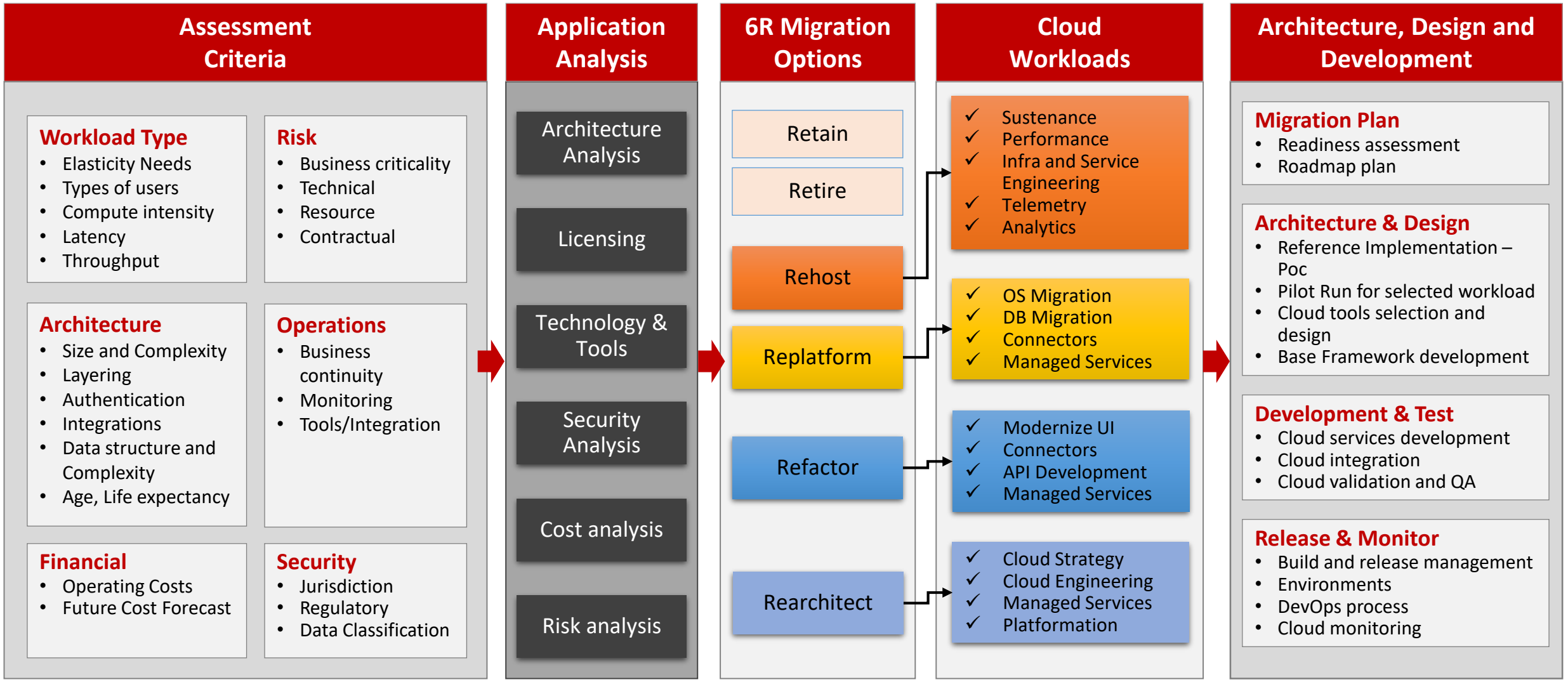

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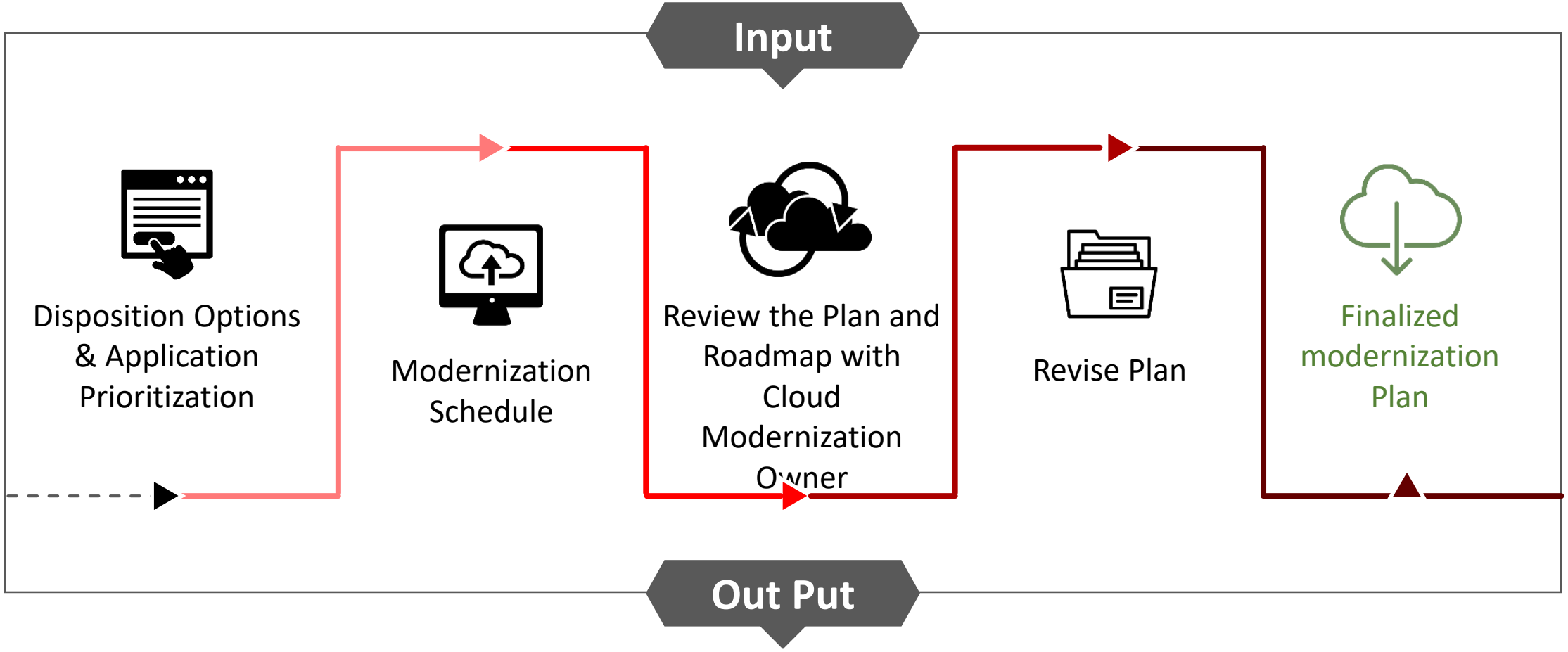
Roadmap Phase

Using Inputs from Previous Phases



Application Modernization Plan

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How can we help ?

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	Azure Workshop	Migration Plan + Business Case	Proof of Concept	Partner Migration
What we do	• Identify business and IT requirements, priorities and constraints	• Assess your current IT environment architecture, and portfolio of applications • Identify apps to migrate and those requiring refactoring • Quantify ROI of migration for business case	• Participate in a Proof of Concept	• Participate in a seamless cloud migration
What you receive	• Business recommendations • Azure Total Cost of Ownership (TCO) and value to your business	• Receive recommendations, ROI, and detailed migration plan for your business case	• Proof workloads can be migrated without disruption	• Migrated workloads • Optimized environment • Cost savings • Increased productivity
Commitment	**Duration**: 2 hours	**Duration**: Variable, based on project size	**Duration**: 5 days – 2 Months	**Duration**: Variable, based on project size

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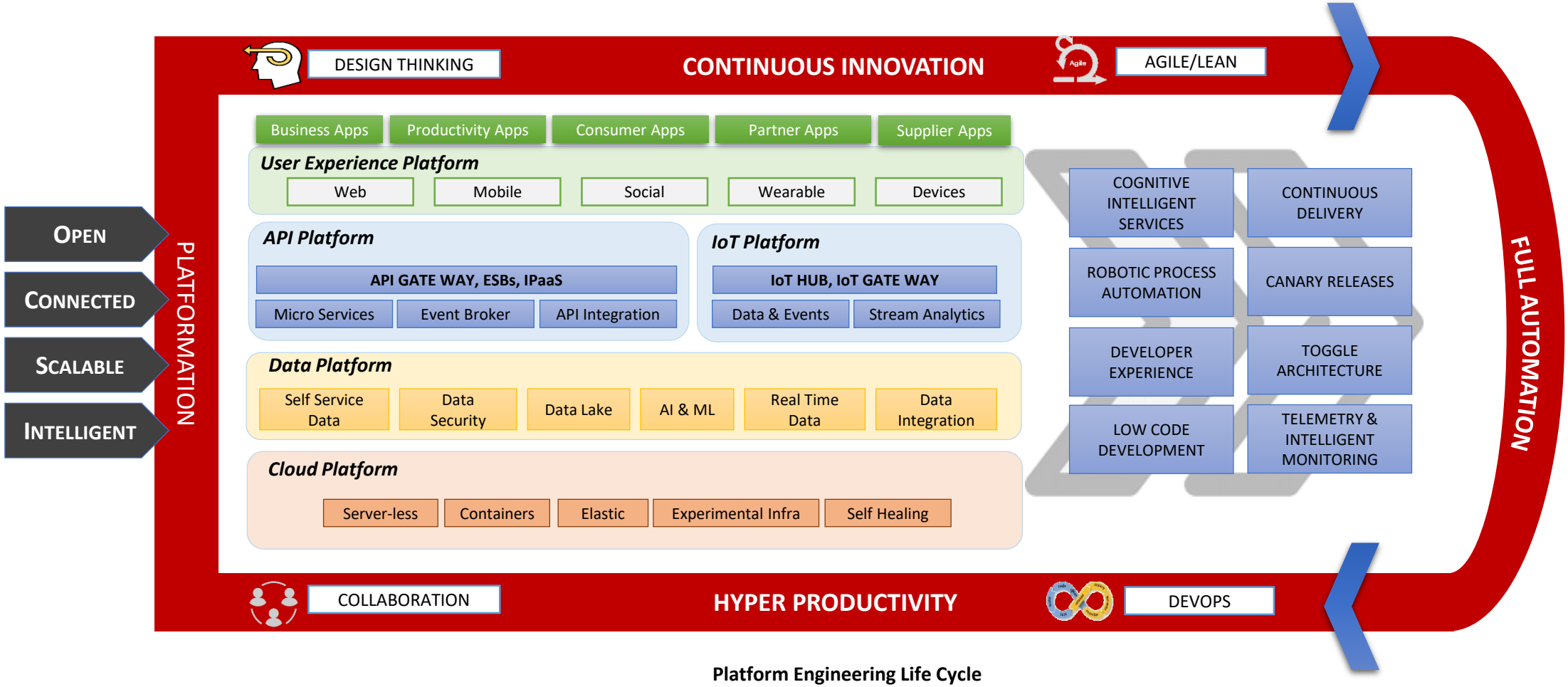
Source: Microsoft

Platform Engineering Approach

Platform Engineering Blueprint facilitates continuous innovation, increased productivity and reduced time to market. This is based on Sonata's proprietary Platformation framework.



Platform Engineering Life Cycle

CONSULT	DESIGN	BUILD	MANAGE
• Workshops • Assessments & PoCs • High level roadmap & Plan	• Business Architecture • Technology Platform Architecture	• Platform Development • Platform Testing	• Monitoring • Support & Sustenance • Governance

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