Wipro Fullstride Cloud Services for Utilities

wipro fullstride
cloud services

Cloud is ‘the’ core enabler to the continuous change

Business trends

Changing
Business Models
New Regulatory
Requirements
As a Service
economy

***It is no longer possible to separate business strategy from cloud and digital transformation strategy.**

Technology trends

Hybrid Cloud
Multi Cloud
Cloud Native
Digital
Transformation

***Multicloud is not a decision you will make. It will be the reality you must accept.**

How Cloud will help ?

Business Acceleration
Customer Experience
Connected Insights

***Hybrid deployments are the new norm for IT. It is simply “the way we will do things” for the foreseeable future**

Utilities transitioning from commodity to services based model

Traditional Features	Enhanced Features	Value Added Features	New Age Services			
View bills	Move in – Move out	Personalization	Grid/ Renewable Energy Optimisation	Smart Thermostat	P2P trading of renewables	Customer participatory DSR
Pay bills	Service Request	Analytics		Appliance Control	EV Charging	
Outage Info.	Connections	Energy Advisor				

How we can help

"I am concerned about my inability to reduce operating costs and visibility of spent "

Concerns
- High Operating Costs
- Legacy Assets
- Unreliable services

Needs
- TCO Optimization
- Reduce Operation Costs
- Reduce Technical Debt

Opportunities
- DC Exit or Consolidations
- Landscape Optimization
- Reliable Service with End to End Ownership

IT & Infra (Retain & Refresh)

"I am concerned about my inability to exploit technologies in a rapid way to support Business Innovation"

Concerns
- Piloting and Adoption of Newer Technologies
- Time to access newer technologies
- Speed of Innovation

Needs
- Access to Newer Technologies as a Service
- Adoption of New ways of working
- Skill sets of Technologists

Opportunities
- Adoption of Cloud Platforms (IoT, AI/ML)
- Lab as a Service
- Agile and DevOps

Digital Transformation (Innovate/Renovate)

"I want to enhance my customer's experience, sell more and reduce cost to serve"

Concerns
- Customer experience and retention
- Speed & Cost to Introduce new services and products
- Future Proofing of Platforms and Services

Needs
- Ease of Customer access to services
- Time to Market for new services and products
- Robust, reliable and future proof platforms

Opportunities
- Born on cloud/ SaaS adoption
- Adoption of Digital Technologies
- Open APIs and Microservices

Line of Business (Innovate)

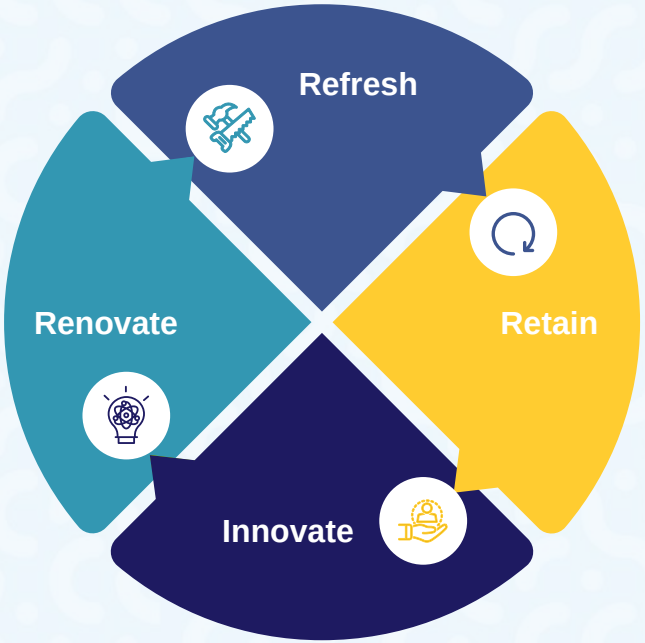
How Utilities are adopting Cloud

- Pivot on exiting product vendor roadmaps to SaaS
- Asset lite and managed tech debt
- Agility and innovation limited to exiting vendors
- Medium business impact

SAP S4HANA & SAP Cloud

- Born on Cloud SaaS Applications
- Faster adoption of innovative technologies
- Near Zero Asset & simplified landscape
- High business impact and change

Salesforce for CRM



- Public Cloud as Virtual DC
- Reduce DC footprint & Optimize TCO
- Platform Refresh & Reduce Technical debt
- Infra agility

Migrate .NET/Java/J2EE Applications to Cloud

- Retain non-standard, non-supported workloads
- Retain apps for Confidentiality, Regulatory compliance
- Low Latency apps

Applications in CNI

Key Utilities Engagements

Large Canadian Utility and Services Conglomerate

Technology Stack
- Oracle Cloud – SaaS, PaaS
- OKTA
- IBM Sterling MFT

Wipro's Contributions
- Solution mapping to the SaaS product
- Standard Integration patterns using PaaS Cloud components
- Integration of Oracle cloud with legacy on premise application through a Hybrid Integration Platform approach
- Identity and Access Management through OKTA

Value realization
- Standardization of business process across all lines of business adopting Global best practices
- Easy access of the application all over the world
- Lower maintenance costs through concept of Business Center of Excellence

Renovate

A leading Energy company

Technology Stack
- Microsoft Azure

Wipro's Contributions
- Cloud Strategy and Roadmap
- Cloud Governance Framework and Cloud Service catalog
- Azure Cloud Platform and Custom images
- ARM templates for provisioning of application environments
- Azure Billing Model for each Applications

Refresh

Value realization
- On Demand infrastructure- support changing business requirement
- Shift capital expenses to operational expenses
- Lower maintenance costs through concept of Business Center of Excellence
- Complete cost transparency to business groups for internal charge back

Innovate

Technology Stack
- Salesforces.com
- Front and BackOffice process

Wipro's Contributions
- Solution mapping to the SaaS product
- Implementation using Agile Methodology
- Standard Integration patterns using PaaS Cloud components
- Integration of with external systems
- Testing, cutover and post implementation support
- Design efficient licensing model

Value realization
- Improved customer experience with eSignatures
- Scalable data model utilizing out of the box salesforce features.
- Flexible and agile to cope up with business changes.
- Reduced Turn around time for the sales journey.
- Data validation and duplicity checks.

Retain

Technology Stack
- SQL server
- Windows server 2012
- Unix/Linux
- VMWare

Wipro's Contributions
- Application Migration strategy
- DC parallel run strategy
- Data center cutover strategy
- Risk based testing strategy
- "Secure" movement of applications and data
- Outage free cutover of operationally critical applications

Value realization
- Move to a higher capacity "CNI" compliant data center
- Extension of application life by strategy of "upgrade then move"

A leading Energy company

A leading T&D company

Typical Cloud Journey

	Cloud Strategy	Cloud Foundation	Cloud Piloting	Cloud Adoption @ Scale	Optimization (Operate@ Scale)
3	• Born on Cloud • COTS to SaaS	• iPaaS • AuthN/AuthZ for SaaS	• SaaS Satellites • E.g.. Successfactors, Ariba etc • Bespoke Application Modernization to Cloud Native	• SaaS for Systems of Records • Modernize differentiating Bespoke Apps to Cloud Native	• 3 Tier SaaS support Models (Low/Medium/High) • Agile & DevOps
2	• IOT & Analytics • Digital Platforms	• Configuration of Public Cloud for Enterprise Use • Secure Network Connectivity to DC	• IOT & Analytics Pilots	• IOT & Analytics integrated with core Business Processes	• Data Platforms Operations
1	• DC Exit/Consolidation • IT Asset Refresh	• Application Discovery & Modernization Strategy	• Non-Production Workloads • Few Production workloads	• Apps Migration to Cloud till EOSL	• Apps + Infra as Integrated Stack

Our Footprint – Accolades & Partner Ecosystem

An extensive partner and hyperscaler ecosystem.

Wipro partners with leading cloud providers and harnesses the strength of these relationships to build truly intelligent enterprises.

aws
- Premium consulting partner
- Innovation-led partner

Microsoft
- Elite partner for Microsoft on Azure IOT
- "Modernizing Applications Partner of the Year" 2021

Google Cloud
- GCP premier partner
- Google for Work premier partner

IBM
- Platinum Business Partner
- Award for "Best IBM Hybrid Multi Cloud Practice" 2020

ORACLE
- Elite Partner for Oracle Cloud
- Recognized for Oracle Cloud platform integration

SAP
- Global strategic services partner
- "SAP Innovation Award" 2021

salesforce
- Salesforce platinum consulting partner
- "Partner Innovation Award" 2020

servicenow
- Awarded 'leader' in HFS Top 10: ServiceNow Services 2021
- 10+ year partnership

vmware · cisco · Informatica · paloalto NETWORKS · DELL · Adobe · Hewlett Packard Enterprise · snowflake · SailPoint

Wipro is recognized as an industry leader.

ISG
Leader in Provider Lens™ Microsoft Ecosystem 2021 across US, Australia and Germany
Leader in Provider Lens™ Next-gen Private/Hybrid Cloud Data Center Services and Solutions 2021 across US, UK, Brazil and Nordics
Leader in Provider Lens™ Public Cloud Services and Solutions 2021 across UK, US, Nordics, Germany, Brazil and Switzerland
Leader in Provider Lens™ AWS Managed Services 2021 across US Australia and Germany

IDC
Leader in MarketScape: Asia/Pacific (Excluding Japan) Managed Cloud Services 2021 Vendor Assessment
Leader in MarketScape: Worldwide Cloud Professional Services 2020 Vendor Assessment

Everest Group
Leader in PEAK Matrix Assessment 2021 for System Integrator Capabilities on AWS, Google Cloud Platform and Microsoft Azure
Leader in Cloud Services PEAK Matrix Assessment 2022 in Europe and North America
Leader in Next-generation Application Management Services PEAK Matrix Assessment 2021

PAC
Leader in RADAR ServiceNow Services in Europe 2021

Gartner
Leader in Magic Quadrant for Public Cloud Infrastructure
Professional and Managed Services Worldwide 2020

Gartner · FORRESTER · PAC · IDC · Whitelane Research · AVASANT · HfS Research · ISG · Everest Group

35 Global analyst reports named Wipro as leaders

Wipro cloud studio

#WinningWithCloud

Wipro Cloud Studio - Industrialized ‘as-a-Service’ model to accelerate cloud-led transformation.

5x faster at 30% lower costs

90% automated post-migration activities

3x faster business acceptance

Customer Experience Zone

1

Collaboration Zone

2

Agile Delivery Zone

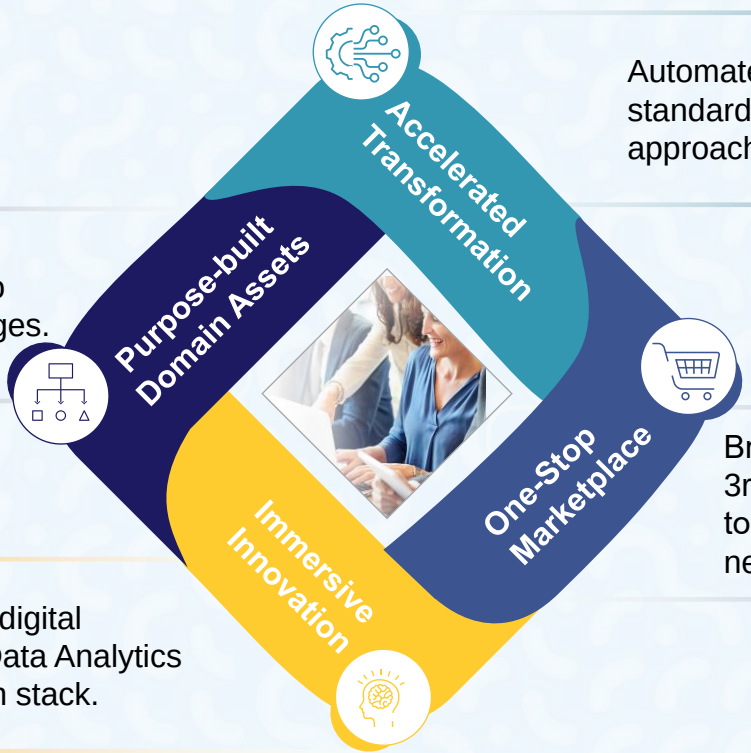
3

Enterprise Digital Operation Center

Wipro cloud studio is built on the following principles

Automated, Industrialized, standardized and templatized approach to overall cloud journey.

Domain centric cloud solutions to cater to industry specific challenges.



Bringing together Wipro's, CSP's and 3rd party tools and frameworks together to deliver to all the client's need.

Bringing in cutting edge digital technologies - IoT, Big Data Analytics and AI/ML to the solution stack.

End-to-end cloud offerings delivered from industrialized delivery frameworks

Cloud Studio

Strategize

- **Discovery & Assessment**
- **Recommendation and Roadmap**

Modernize

- **Cloud Migration Services**
  Re-host
- **Cloud application Modernization**
  Re-factor | Re – Platform | Assurance
- **Cloud Integration**
  Integration
- **Data Platform Modernization**
  Cloud DW | Analytics

Transform

- **Cloud Native Custom Development**
  Re-Architect | Greenfield Dev.
- **Business Processes through SaaS**
- **Product Cloud Services**
  IOT | Edge computing | Cloud AI/ML
- **Cloud Engineering**
  DevOps

E DOC

Operate

- **Optimization Services**
- **Cloud Management and Governance**

Security

Change Management

Governance

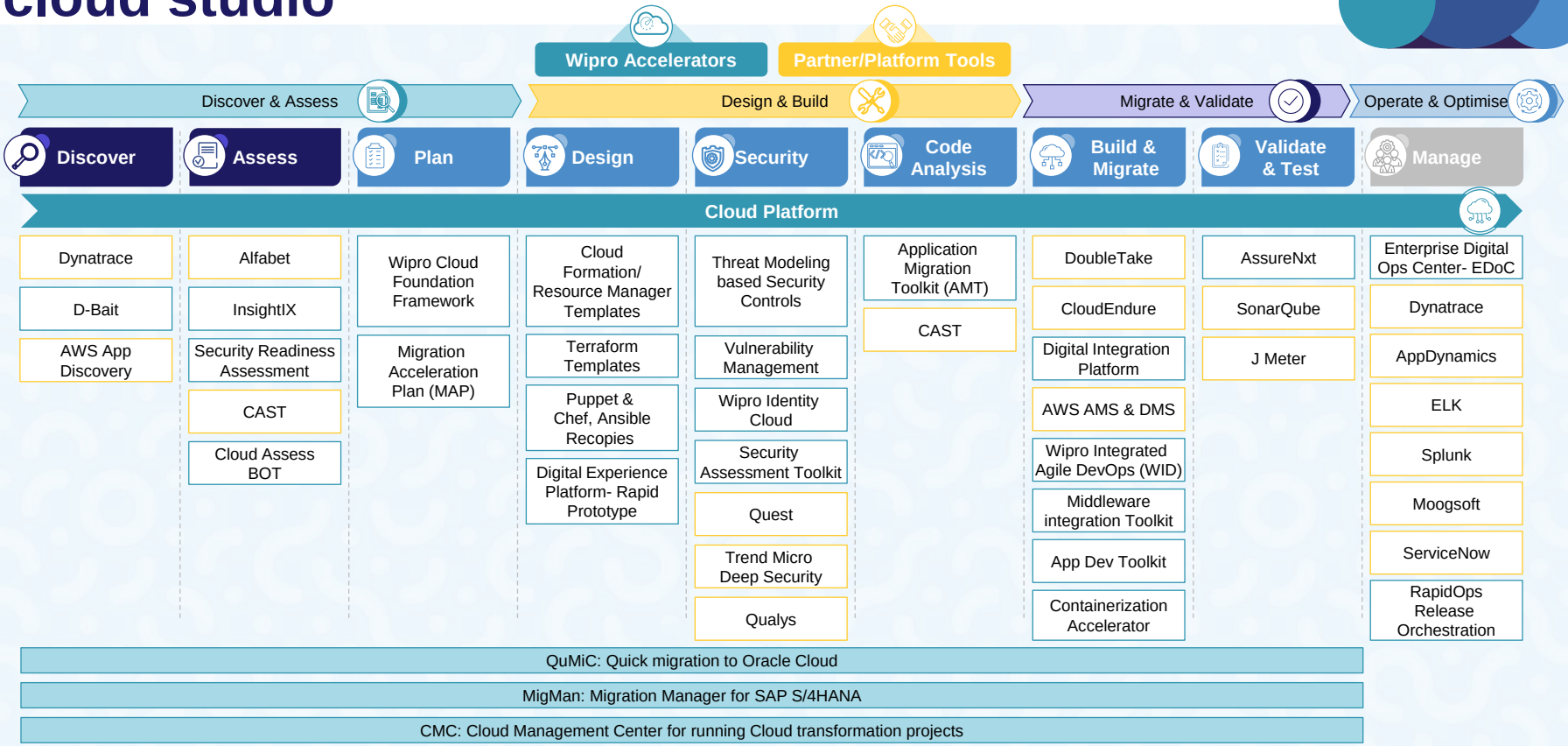
Winning with Cloud

Business Acceleration • Customer Experience • Connected Insights

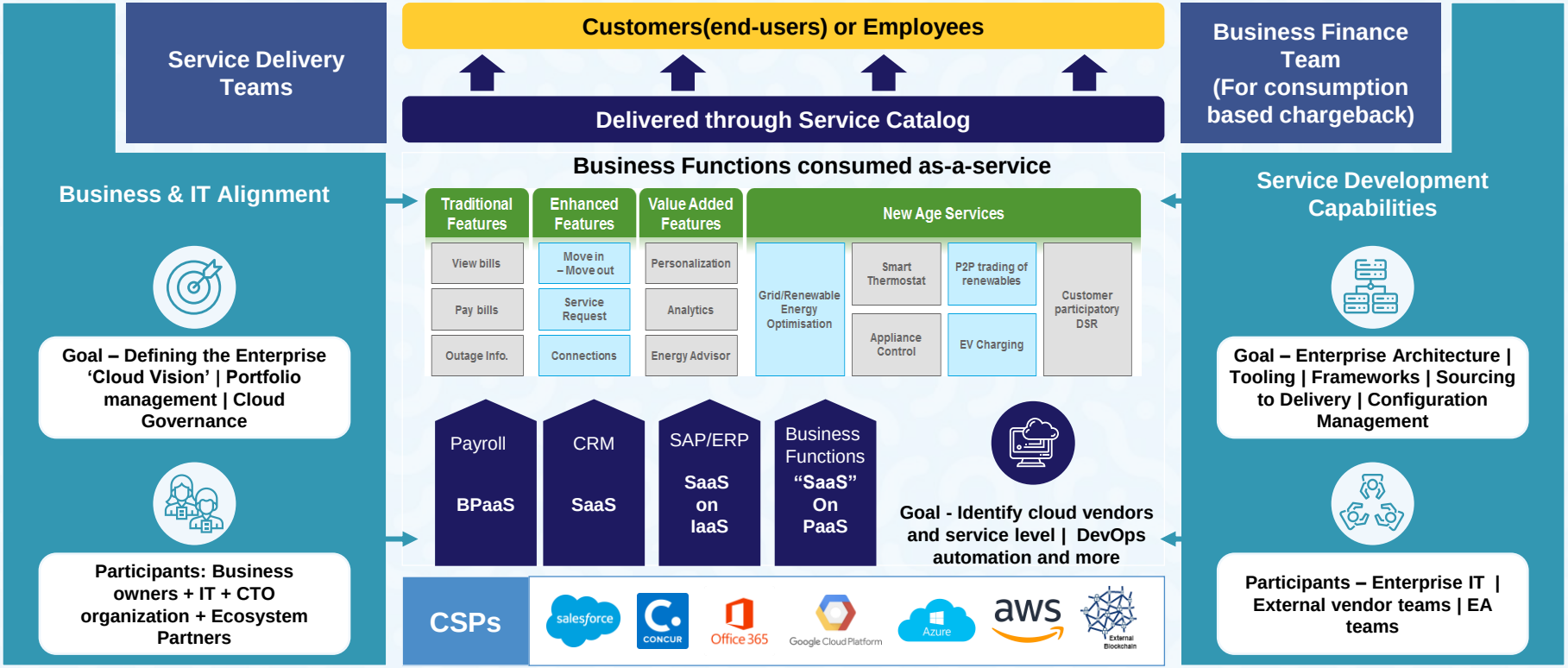
Thank you.

wipro fullstride cloud services

Wipro IPs and tools which create backbone of cloud studio



A cloud-first operating model



Manage the complexities upfront

Security Ops | Governance Ops | Dev Ops | Data Ops | Performance Ops | Optimization Ops

Build Operational Capabilities

- Encryption
- IAM
- Entitlements
- Federation
- Access control
- Automation, Blue Prints
- Compliance
- Quota management

Build Use Cases

- Hybrid IT
- Cloud native services
- Containers & Instances
- PAAS & SAAS
- API Economy
- Data lakes
- IOT
- AI & ML

Key considerations for the Cloud Journey

Before Starting

A comprehensive strategy
- TCO
- Agility
- Scalability

Choosing the right cloud
- Service availability
- Innovation boost
- Technology support

Qualifying the workloads
- Modernized apps
- Born in cloud
- Legacy
- Cloud native
- Microservices

Designing the foundational elements
- Network
- Security & compliance
- Compute and storage
- Operational integrations

During transformation

Business imperatives
- Minimal disruption
- Maximize cloud
- Org changes
- Process changes

Cost imperatives
- Savings vs investment
- Opex vs Capex
- Long term vs short term commitments

Micro, Macro and Mini services
- Application architecture
- Data sovereignty
- Analytics
- Digital

Functional & Operational architecture
- API integrations
- DevOps
- AI & ML

Stabilize and Scale

Hybrid IT
- Single pane of glass
- Brokerage
- Metering & chargeback

Blueprints and Cookbooks
- Cloud specific
- Cloud efficient
- Cloud delivered

Automation and Orchestration
- Provisioning, instantiation and tracking
- Securing and compliance management

Optimize
- Cloud Spend
- Throughput and performance
- Business alignment