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# Infosys Cobalt: Driving business outcomes with industry clouds


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# Agenda

- Driving business outcomes with industry clouds
- Client Story 1: “**Banking Data Cloud**”: Data services orchestration on AWS
  - Speaker: Sudhakar Swaminathan, SVP - Software Engineering Group Head, Truist Financial
- Client Story 2: “**Private Equity Cloud**”: Realizing Strategic Objectives
  - Speaker: Matt Ghourdjian, Chief Digital Officer, 777 Partners
- In Summary

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# Driving business outcomes with industry clouds

**Speaker:**
Anant Adya(Anant)
EVP, Infosys Cobalt
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# State of the Market

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## Headwinds

- Economic growth constraints
- Supply chain dislocations
- Skill shortage
- Hybrid work
- Cyber security risks




## Tailwinds

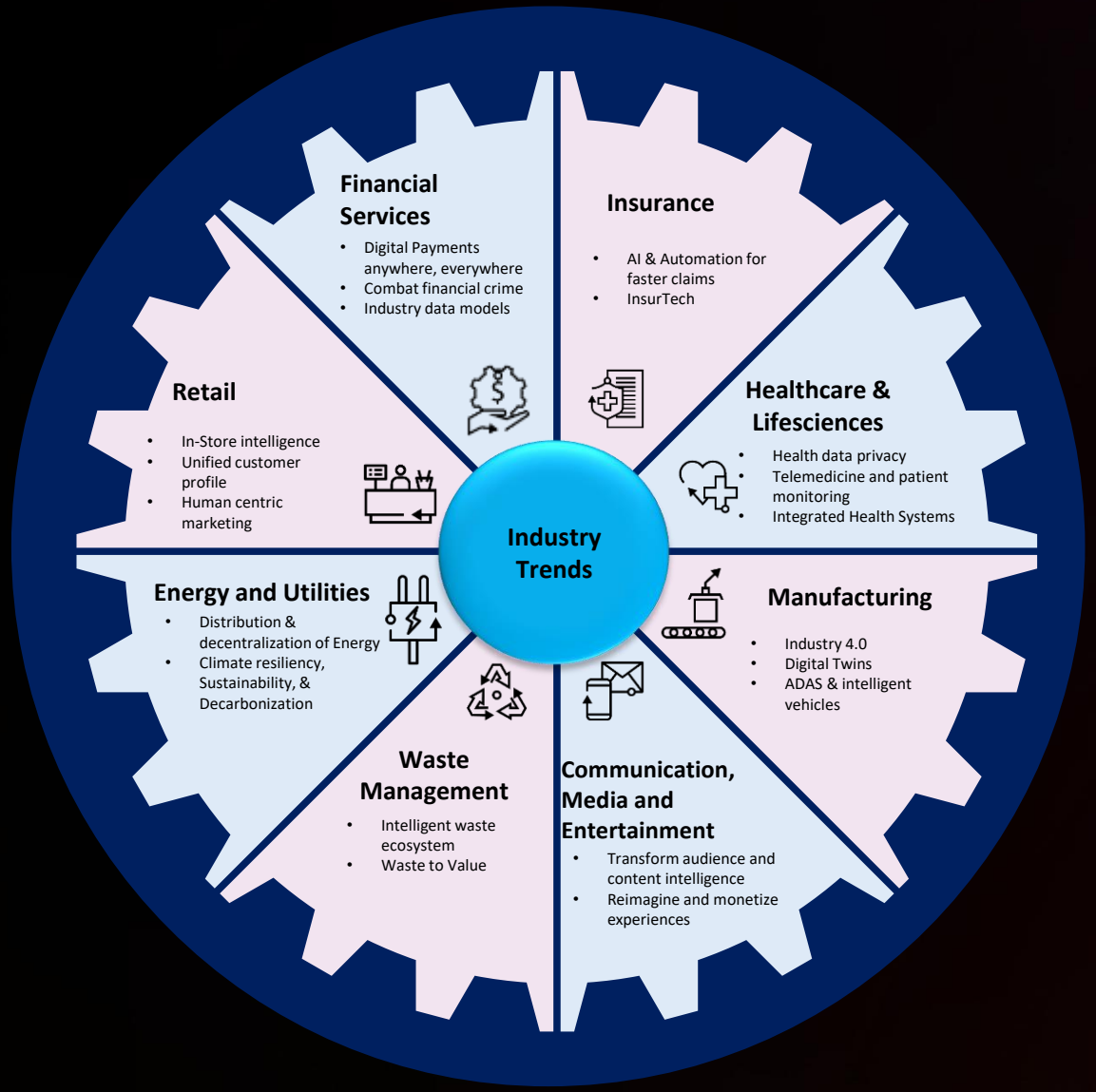
- Business model transformation
- Cloud acceleration
- Human experience
- Technology innovation
- ESG imperatives

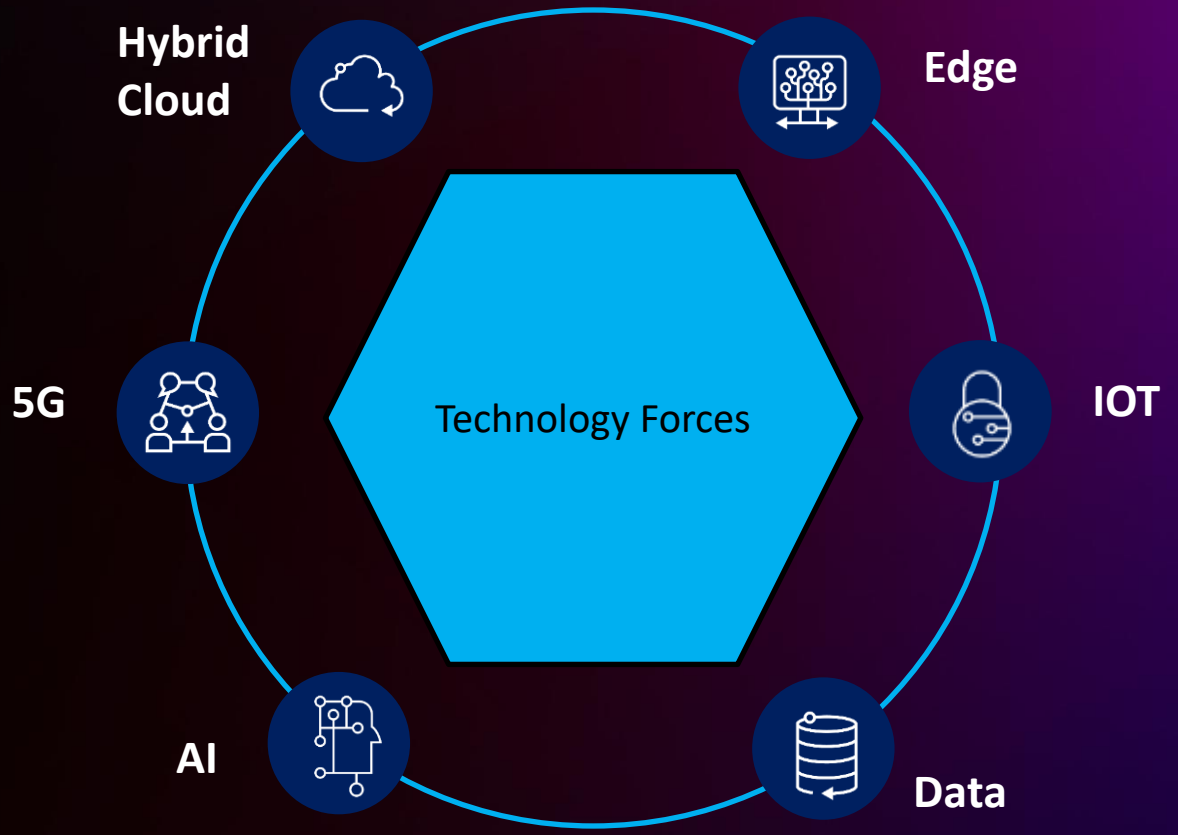
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# Industry trends and technology priorities

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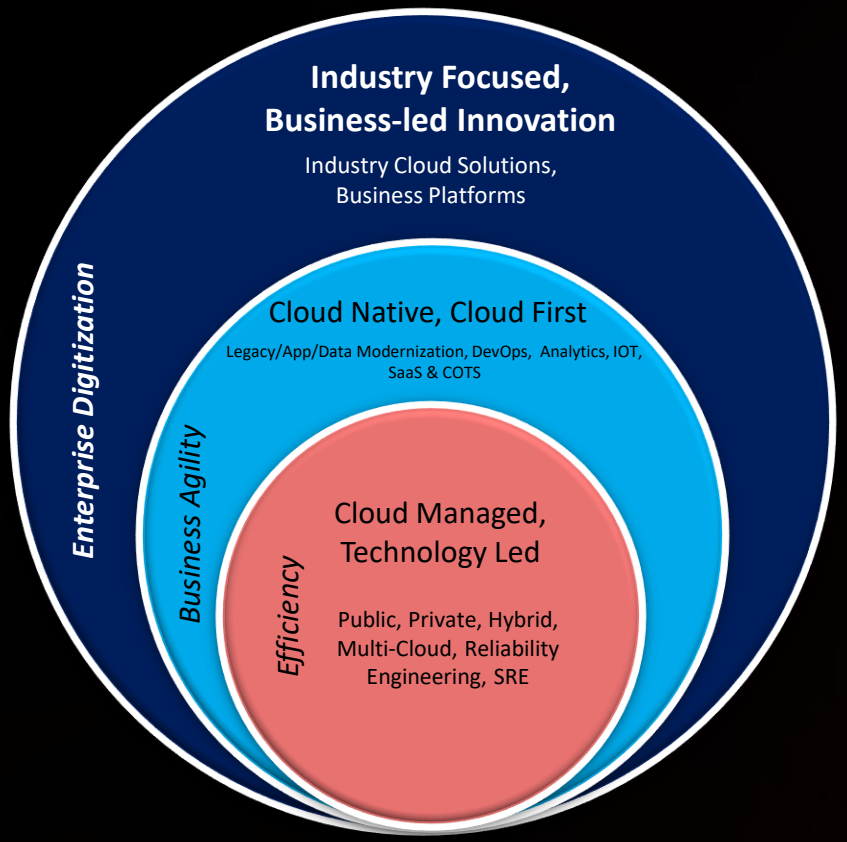



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# Infosys Cobalt: Driving enterprise digital strategy through acceleration to Cloud Native and Business-led innovation




Hybrid Cloud | Edge | 5G

IOT | AI | Data

## Business-led Innovation

- Automated guided vehicles for Smart warehouse
- Smart Fault Tree for asset troubleshooting
- ESG , Sustainability initiatives

## Cloud Native

- User experience
- Modernization
- Unlocking new value to clients & Infosys via technology solutions

## Cloud Managed Services

- Intelligent cloud operations
- Reliability engineering
- Multi-cloud operations

## Outcomes

- ✓ Drive high growth, Market cap Expansion & profitability
- ✓ Superior Customer Experience
- ✓ Cloud Native Culture
- ✓ Business process efficiency gain
- ✓ Improved social responsibility
- ✓ Security by design

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# Infosys Cobalt aligns closer to core business outcomes

## Industry Focused

**Industry Cloud Solutions**

Infosys Transaction Reconciliation System| Financial Crime solution | Telco on Tap | Mortgage in a box | Engineering Cloud

**Industry Data Models**

Mortgage | Healthcare | Supply Chain

**Business Blueprints**

Reference Architecture | Plug-Play Models

## Technology-Led

**Multi-cloud infrastructure**

Public | Private | Poly-Cloud | Compute | Storage | Network

**Cloud Native**

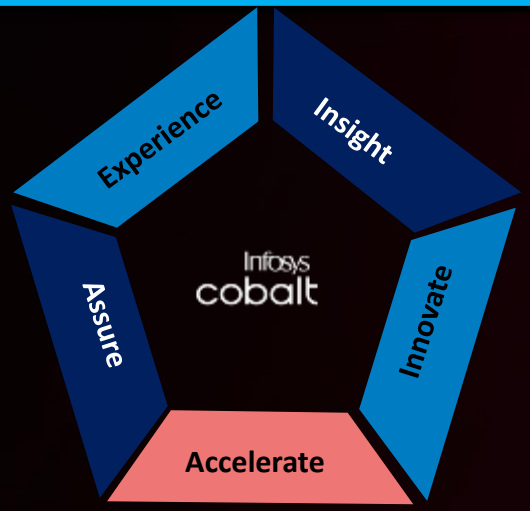
Domain specific API | Micro UI | Modernization

**Cyber Security**

Infosys Cyber Watch

**Technology Cloud**

Cortex | Genome Solution | LEAP | Cyber Watch




## Business-Led Innovation

**Industry Platforms**

Helix | Finacle | Infosys Digital Commerce Platform(EPOCH) | Equinox – Human centric commerce platform | Telecom - DOE

**IIN**

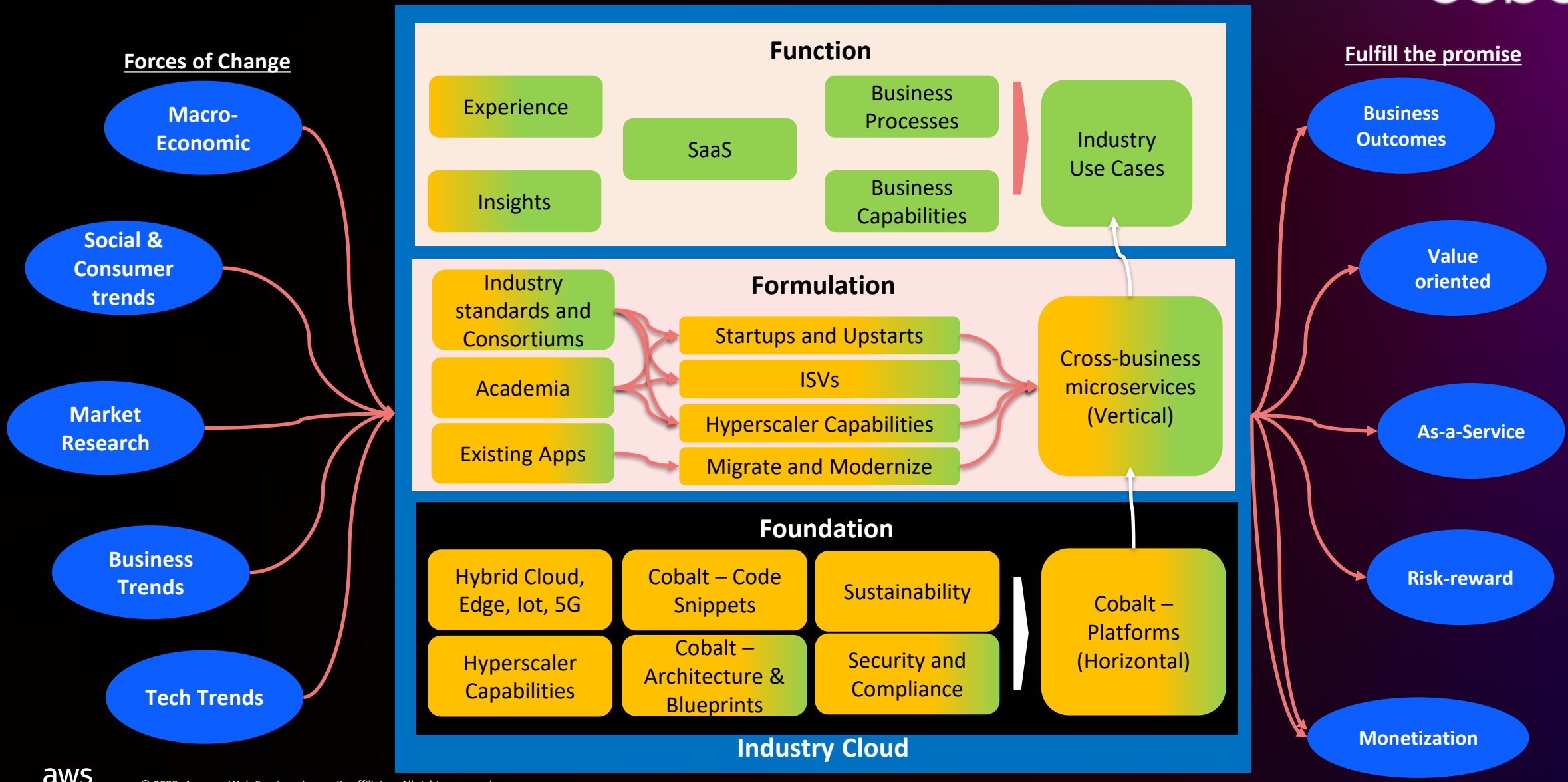
Listening Post as a Service (LPaaS) : Rapid prototyping, incubation | Startups embedded into our Platforms & Solutions

**Business-Led Transformation Delivering Outcomes**

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# The 5Fs of an Industry Cloud

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# Infosys Industry Clouds for driving Business Transformation

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**Financial Services Cloud**

Infosys Cobalt FS Cloud




**Sustainability**

Infosys BP solution



**Retail & CPG**

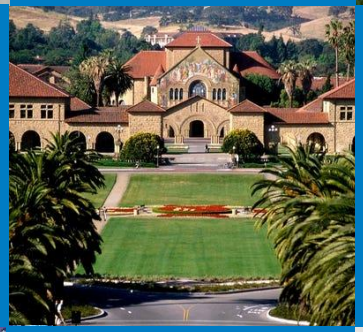
Infosys Equinox
Just Walk Out/Dash Cart, Extended store





**Design Innovation**

Infosys Equinox



**Talent Development**

Infosys Wingspan




**Experience**

Infosys Tennis Platform

**Communication, Media and Entertainment**

Infosys Cobalt Media and Entertainment Cloud



**Health Care & Life Sciences**

Infosys Digital Health Platform
Infosys Commercial Insights Platform



**Manufacturing**

Infosys Cobalt Manufacturing Cloud



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# Data services orchestration on AWS – “Banking Data Cloud”

**Speaker:**
Sudhakar Swaminathan
SVP - Software Engineering Group Head
Truist Financial

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## Background - Context

- As a part of a merger, Truist decided to launch a new online banking platform and migrate customer data from one to the other.
- The data migration was planned for 2 days on the weekend and the downstream systems had to be taken offline to facilitate migration. This meant that the bank's customers couldn't access their online banking platform for the whole weekend.
- The outage was expected to last for about 2 days affecting about 3M+ customers.

## Solution

- Truist decided to stand up a “Client Availability Layer” – a copy of the last known balance information and provide this as read-only information along with progress updates to their clients
- Truist partnered with Infosys to explore multiple options to find an effective and fastest time to market solution
- The problem involved sourcing data from multiple sources, load huge volume including data massaging, fast load time to reduce the downtime

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## Solution Highlights



- Technologies explored : Amazon ECS, AWS Outposts, MongoDB
- AWS Outposts considered due to data security “cloud on-prem” but still with easy access to AWS region-deployed services.
- APIs were built that mimic how channels were consuming the existing services (combining composite into simple one).
- Bulk data loaded and a delta load to accommodate reduced load times

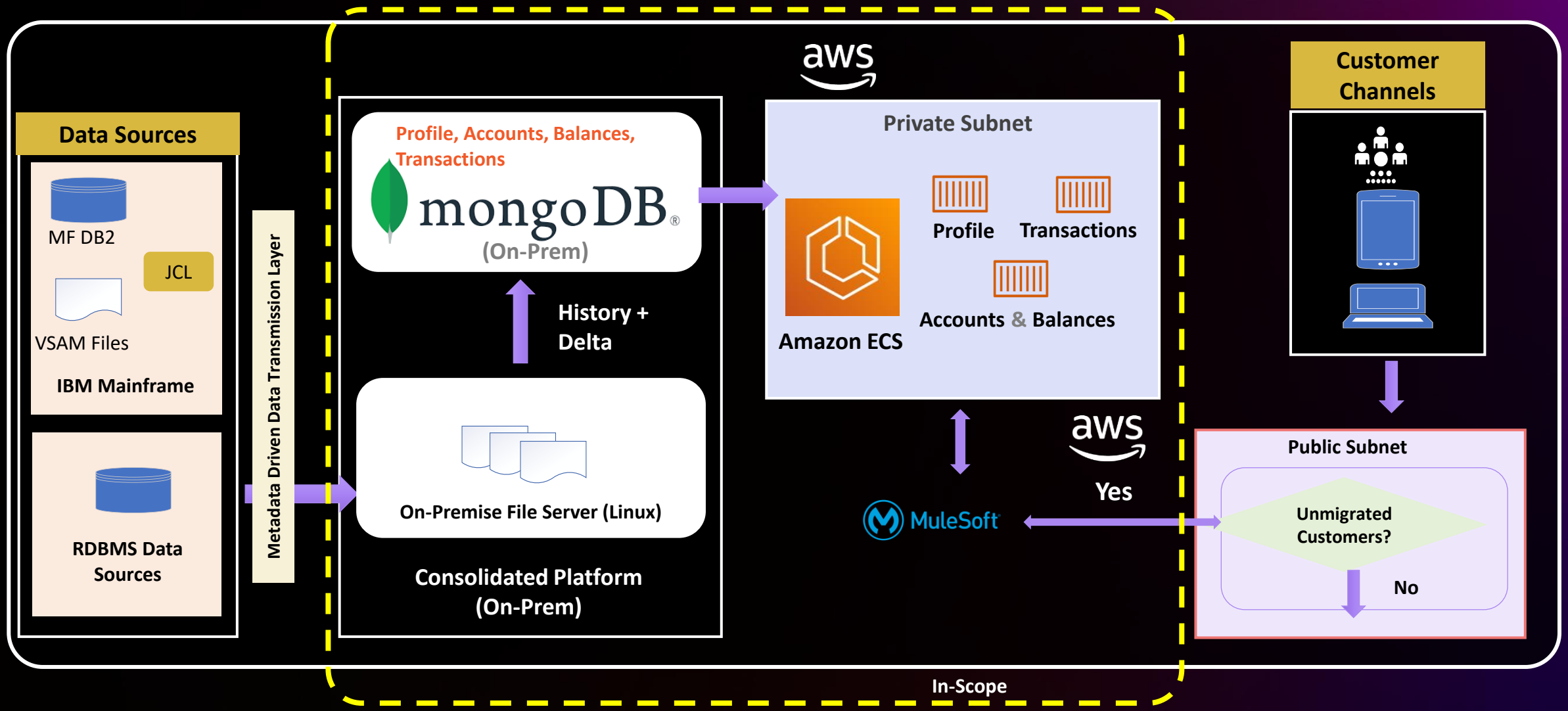
## Business Benefits



- Auto-scaled platform/infrastructure to meet the peak requirements.
- Application handled 2M+ customer transactions including historic transaction searches, on that weekend.
- The entire infrastructure was brought down the immediate next weekday – True to the Cloud Pay per Use concept.

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# Solution Architecture




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# “Private Equity Cloud”: Realizing Strategic Objectives

**Speaker:**
Matt Ghouradjian
Chief Digital Officer
777 Partners

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# About 777 Partners

777 Partners is a Miami-based private investment firm operating in six core business verticals, with ~$10bn AUM

| ~$10bn | 80%+ | +40% | 50+ | 2,000+ | 18 |
|---|---|---|---|---|---|
| ASSETS | REVENUE CAGR | ROE | OPERATING COMPANIES | EMPLOYEES | COUNTRIES |

- 777 Partners is a diversified alternative investment platform originating non-correlated assets complemented by a stable insurance platform
- 777 Partners efficiently funds its originators' assets on the balance sheet or the balance sheets of its captive portfolio insurance companies
    - Acts as a single asset manager across its 3 insurance carriers
- Management with deep expertise in insurance, alternatives, structured-credit, receivables finance, and creation of innovative asset businesses
- Holding company centralizes portfolio company operations to create revenue and expense synergies

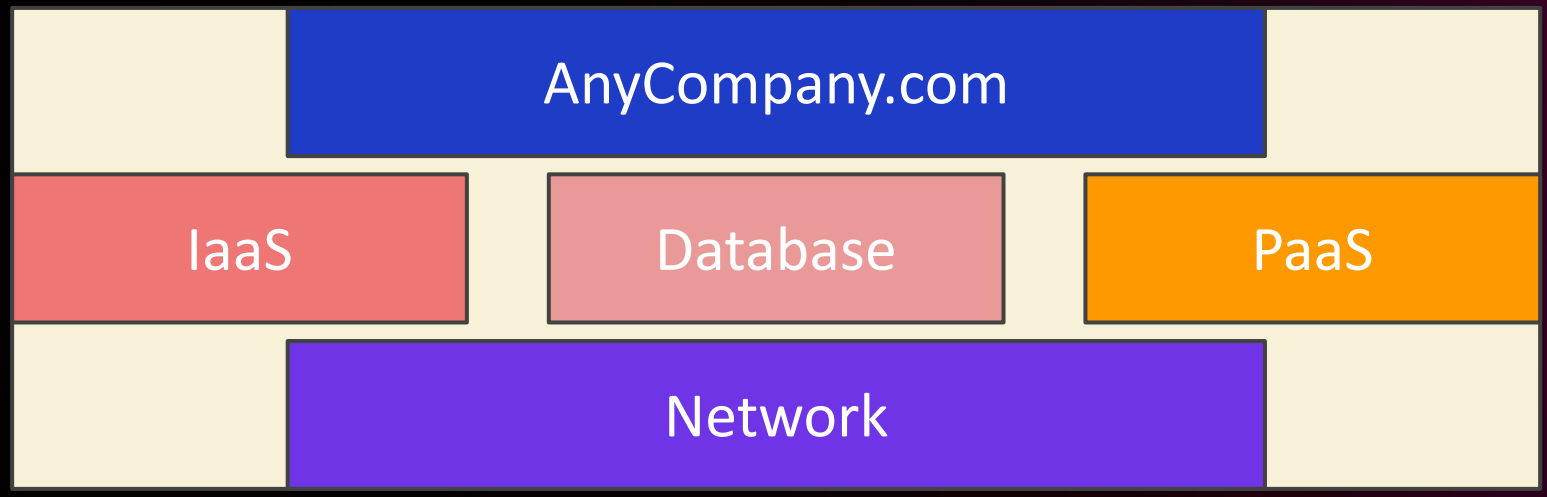
**777 Core Business Verticals**




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# 777 Partners – Focus on Business Outcomes

Portfolio Company in a Box – DNA of any Business is similar




SaaS where possible

777 partners

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We've pooled strong global talent – industry experts, experience designers, architects, technologists, and change managers – to ensure that 777 Partners can realize their strategic objectives, transform technology, deliver high-quality experiences to customers, and dramatically reduce costs.

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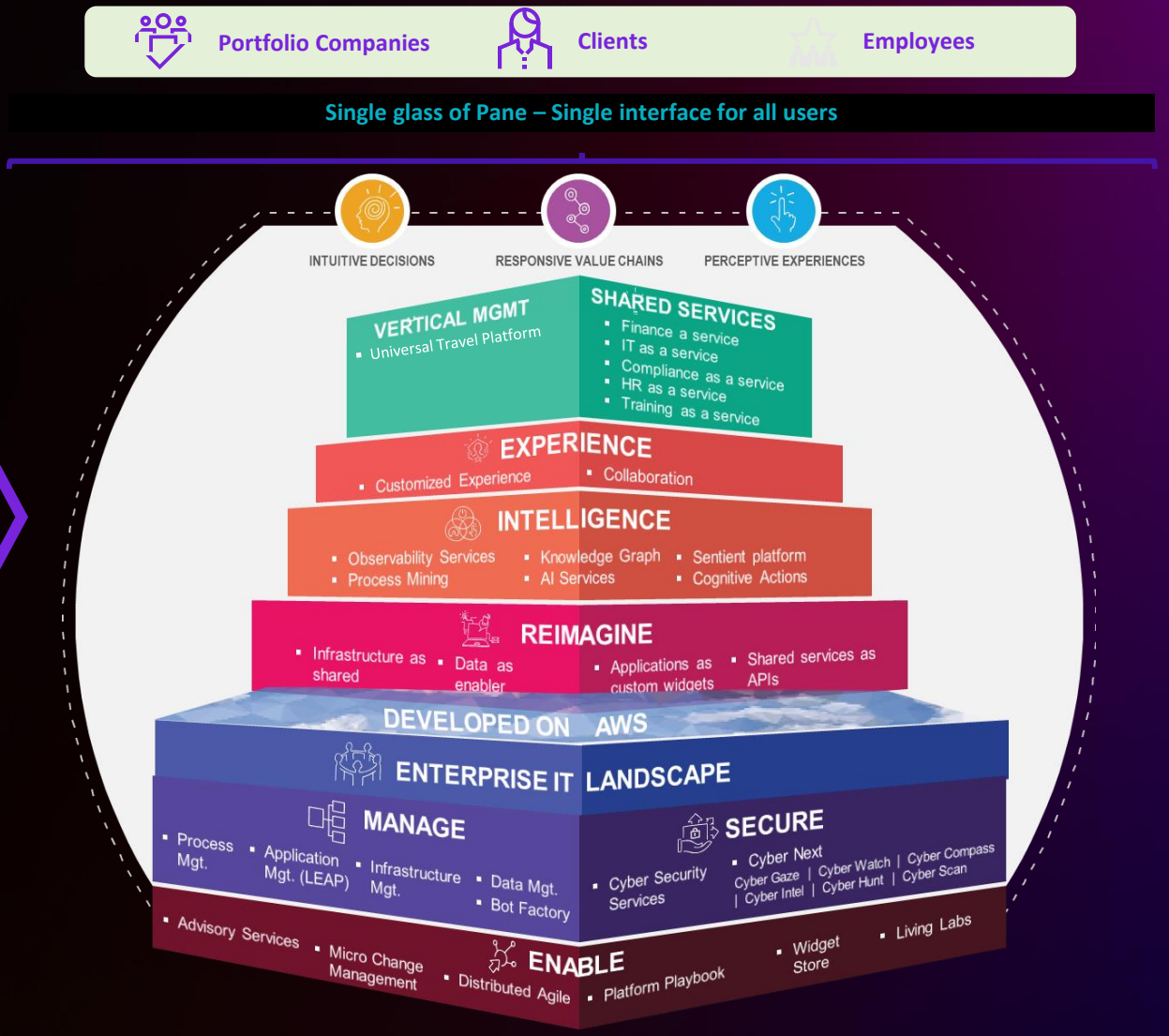
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# 777 capabilities will be delivered through the Live Enterprise Platform hosted on and powered by AWS

## Digital Ecosystem for the Enterprise for the Future

- **Think Interactions: Focus to drive value through Connected and Observable data**
- **Think Ecosystem: Move from Flat to Connected Circular Business Models**
- **Sentience: Sense, Respond, Evolve**
- **Platform mindset with emphasis on Evolvability**
- **Accelerate the Enterprise Digital Transformation journey**

**The *Live Enterprise* platform is a jointly conceived, built, and operated Infosys-AWS asset**




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# The Cloud, business platforms, and Reuse

| | Airline | Fintech | Sports | Reservation |
|---|---|---|---|---|
| Dynamic Pricing Engine (MaxFlex) | | | | |
| Route Optimizer | | | | |
| Manage My Booking (MMB) | | | | |
| Disruption Management and Mitigation Suite (DMM) | | | | |
| Underwriting Engine and Waterfall Management (UWM) | | | | |
| Loan Servicing (SVC) | | | | |
| Loan Origination (LOS) | | | | |
| Online Check-in (OCI) | | | | |
| Contact Center Management (CCM) | | | | |
| Telephone/Media Management System (TMS) | | | | |
| Document Management System (DMS) | | | | |
| Push Notification Manager (NoM) | | | | |
| Internet Booking Engine (IBE) | | | | |
| Sports Management Module (SMM) | | | | |
| Virtual Payment Gateway (VPG) | | | | |
| Configurable Mobile Booking System | | | | |
| GDS Gateway | | | | |
| LiveStream Plug-In | | | | |

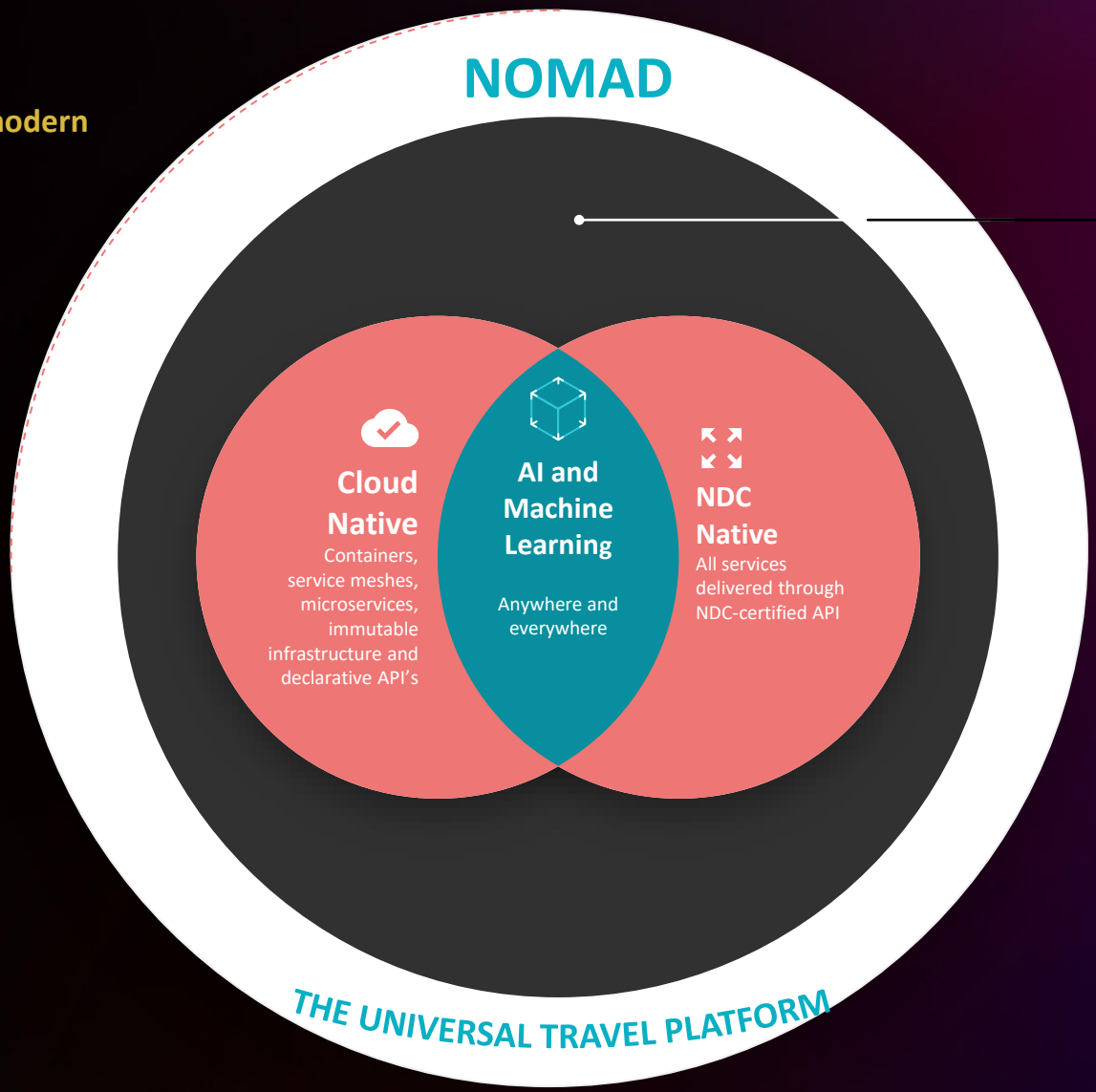
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# Illustration Airline Platform – Positioning, design goals & scope

**Airlines platform is built from the ground up. It's based on modern coding language and programming techniques used in fast-moving, customer-centric retailing and fintech.**

- Simple and efficient
- Enables your operations to focus on attributes and behaviors rather than functions and rules
- Integrates the latest NDC schemas, cloud computing, and machine learning
- Delivers a high level of automation
- Requires no additional service costs or vendor intervention
- Keeps PII in country of operation with data localization
- Has 36 issued and pending patents

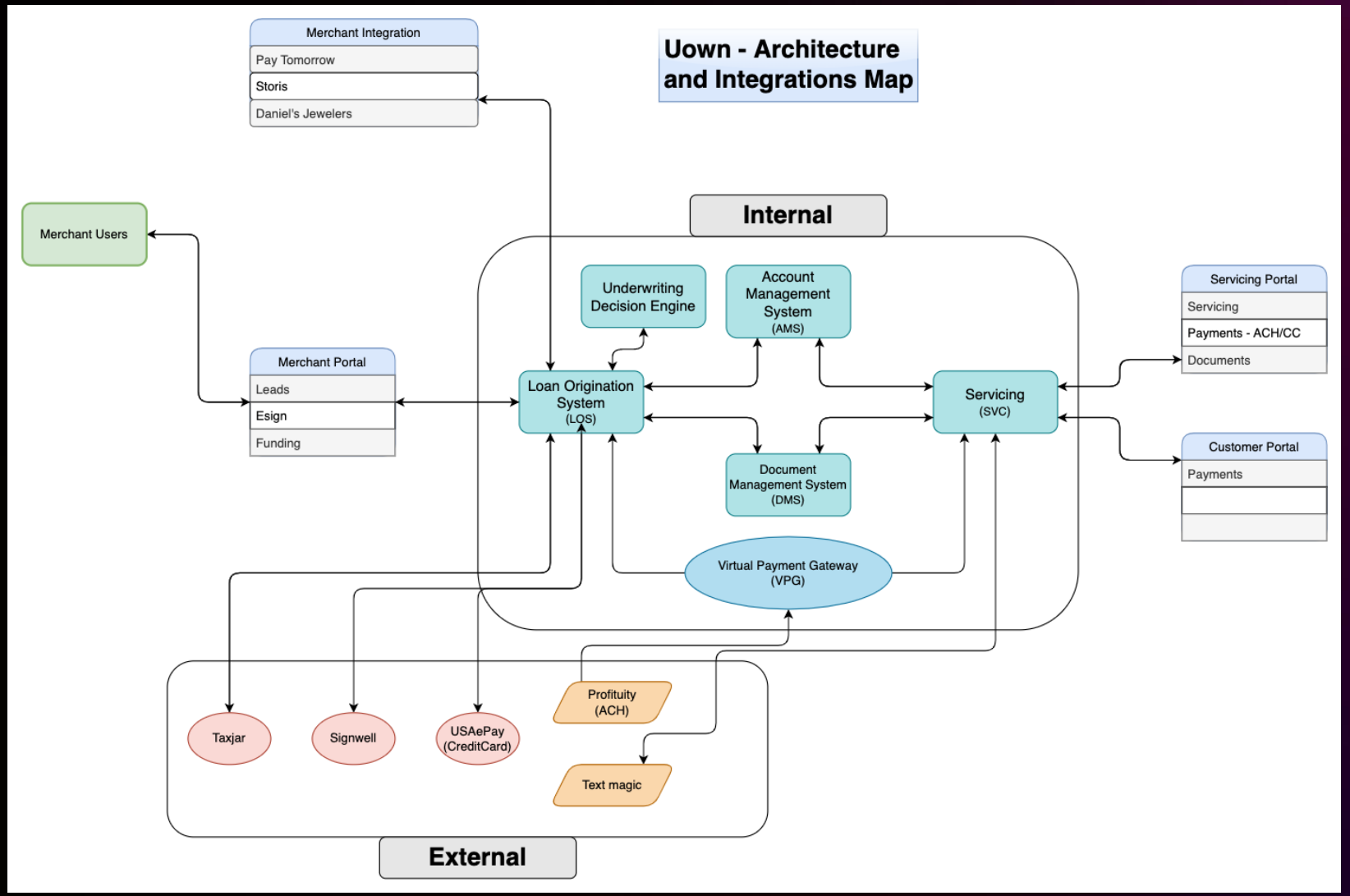



**Object-Oriented and Aspect-Oriented Programming**

Three-dimensional objects and rules based on attributes and behavior

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# The FinTech Solution –
# LenderOS – Reconfigurable Loan Servicing Platform




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# In Summary

**Speaker:**
Nageswar Cherukupalli
SVP – Financial Services & Insurance
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# Thank you!


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