MATRIXX® SOFTWARE

Monetization-as-a-Service

A New Value Play in Telecom Wholesale

Ending the Race to the Bottom

With transport-centric portfolios commoditizing, the growth challenge for wholesale operators is acute.

Often driven by legacy billing limitations, many wholesale portfolios lack imagination and creativity, resulting in minimal value differentiation and increased downward pressure on margin and revenue.

A new business model needs to emerge, one that shifts from a network-first to a customer experience-first approach.

This model should enable wholesalers to better differentiate their offerings and drive sustained MVNO growth through a modern, digital monetization solution founded on real-time transparency, accuracy and trust, delivering significant value end-to-end along the wholesale-to-retail-to-consumer continuum.

Why? Because great customer experiences never commoditize.

Welcome to Monetization-as-a-Service

MATRIXX Enables Monetization-as-a-Service

Monetization-as-a-service powered by MATRIXX provides a multi-tenanted, cloud native, click-not-code modern monetization platform for wholesale MVNEs.

This enables them to manage all retail and wholesale charging in real-time on the same platform, including usage, one-time and recurring charges, discounts and taxes, providing an up-to-date view of all spend in real-time. MVNOs are then billed from the same platform, delivering accuracy and alignment.
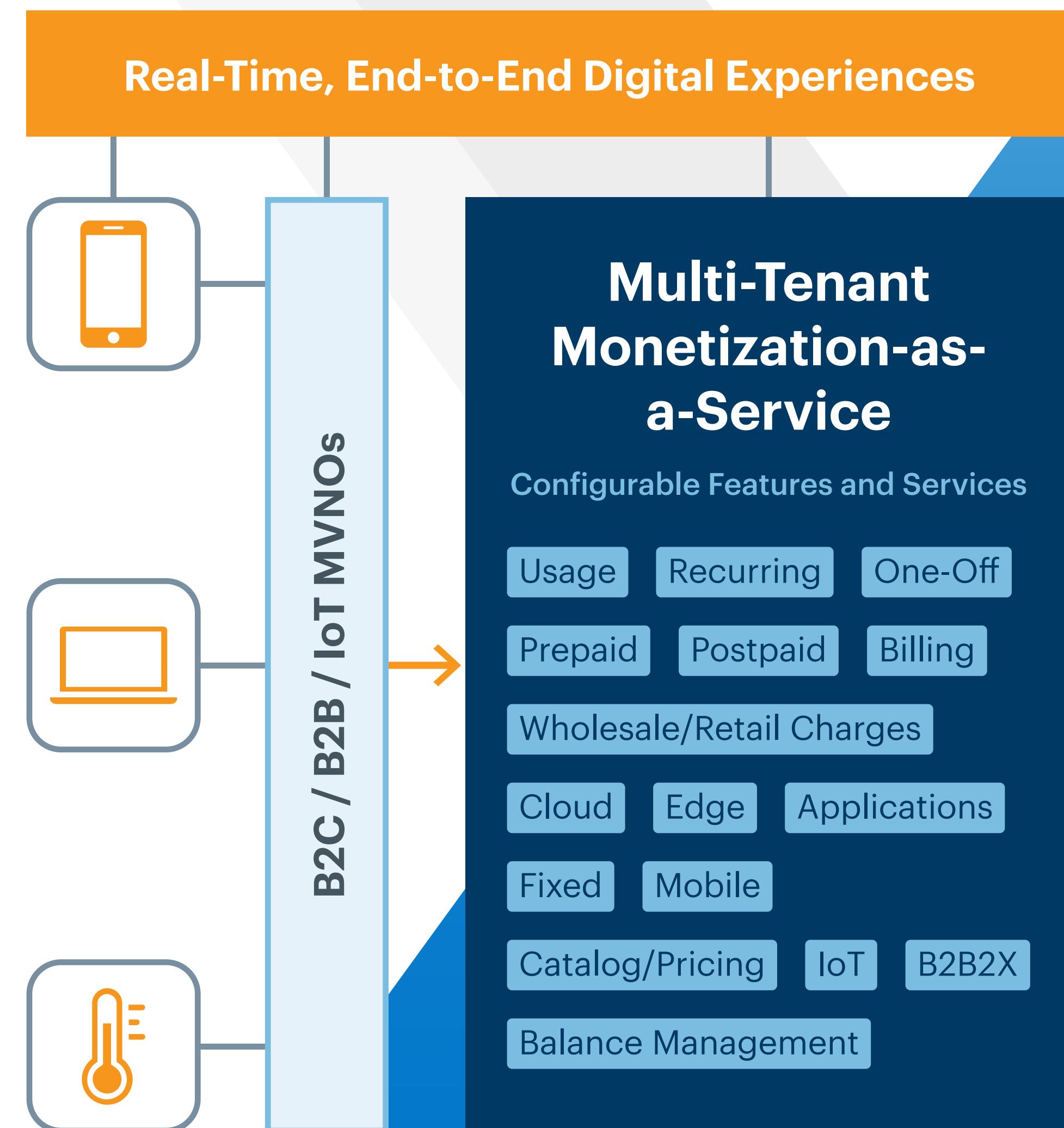
Wholesale partners also have an up-to-date view of charges, revenue share and balance information, showing their real-time exposure with the wholesale MVNE.

Rapid Onboarding

Templated Rating Catalog

Partner Self-Sufficiency

Monetization-as-a-Service
Powered by MATRIXX

Simplified Architecture and Reduced Cost

Customer Visibility and Control

Enhanced Financial Reporting

A New Value Play for Wholesale MVNEs

This seamless monetization solution delivers operational consistency and cost efficiencies across all types of MVNO partners, independent of brand strategy or target segment approach.

- ◆ Digital-first customer experiences for partners and end customer

- ◆ Real-time calculation of wholesale and retail charges at the same time in one platform

- ◆ Fast, affordable partner integration and launch

- ◆ Multiple partners on one platform with support for small partners

- ◆ Partner manages own catalog and pricing for quick time-to-market

- ◆ Real-time balance management and controls allow innovative models, like pay-as-you-grow

- ◆ End-to-end correlation and guaranteed auditability between retail and wholesale

- ◆ MVNE charging and billing executed in one place, delivering accuracy and consistency

Real-Time, End-to-End Digital Experiences

B2C / B2B / IoT MVNOs

Multi-Tenant Monetization-as-a-Service

Configurable Features and Services

| Usage | Recurring | One-Off |

| Prepaid | Postpaid | Billing |

Wholesale/Retail Charges

| Cloud | Edge | Applications |

| Fixed | Mobile |

| Catalog/Pricing | IoT | B2B2X |

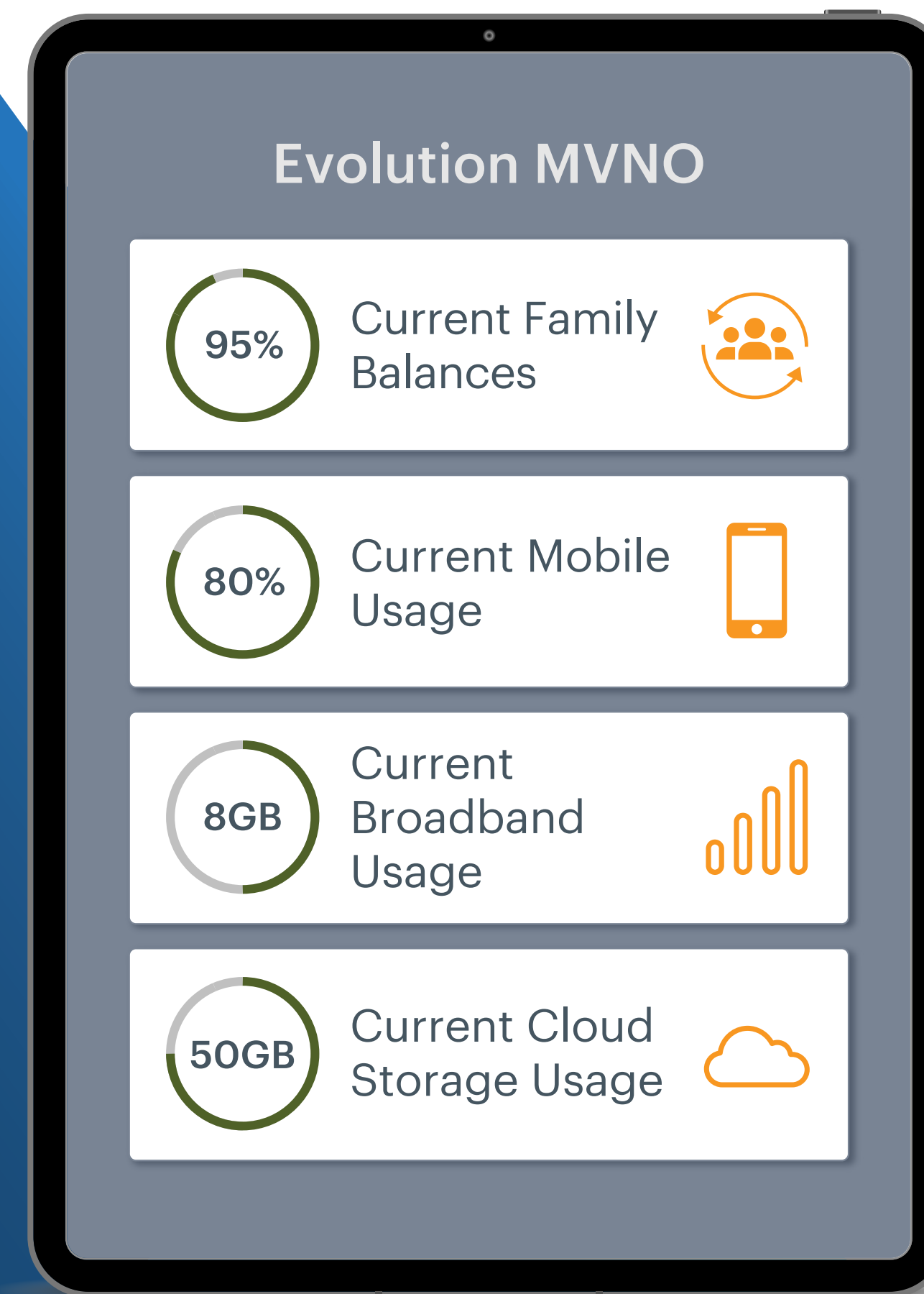Balance Management

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A Truly Digital MVNE

MVNOs are looking for wholesale partners who can help them differentiate and grow in tough economic conditions.

Monetization-as-a-service powered by MATRIXX helps wholesale MVNEs drive clear differentiation in their portfolio.
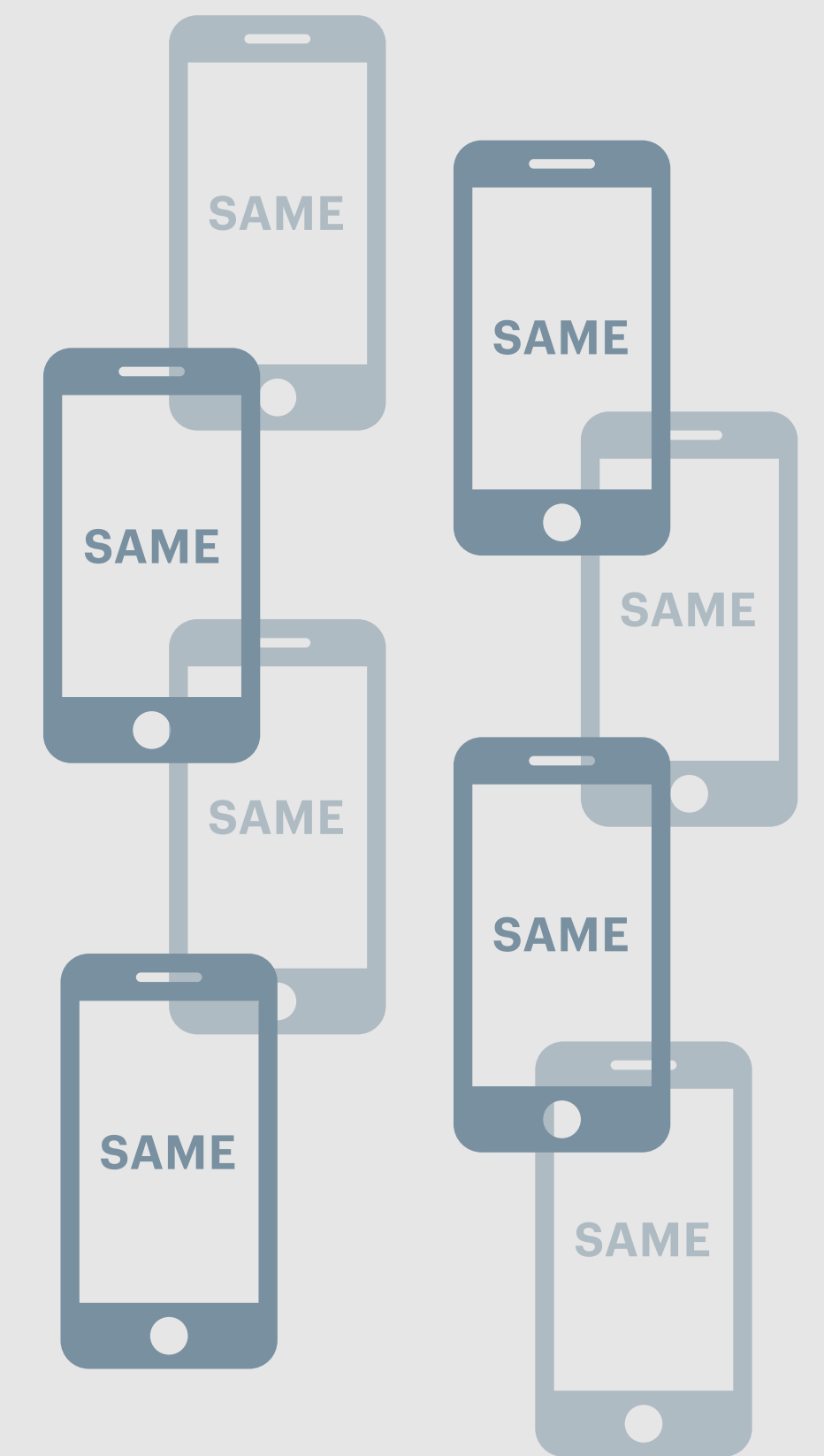
Legacy billing-led approaches to monetizing wholesale offer minimal differentiation to MVNOs, resulting in many offering the same basic services that perpetuates the race to the bottom.

Experience has shown that where monetization transparency and accuracy lead, trust, advocacy and business uplift quickly follow.

It's time to innovate beyond the limits of legacy billing.

Evolution MVNO

95% Current Family Balances

80% Current Mobile Usage

8GB Current Broadband Usage

50GB Current Cloud Storage Usage

The Digital MVNE

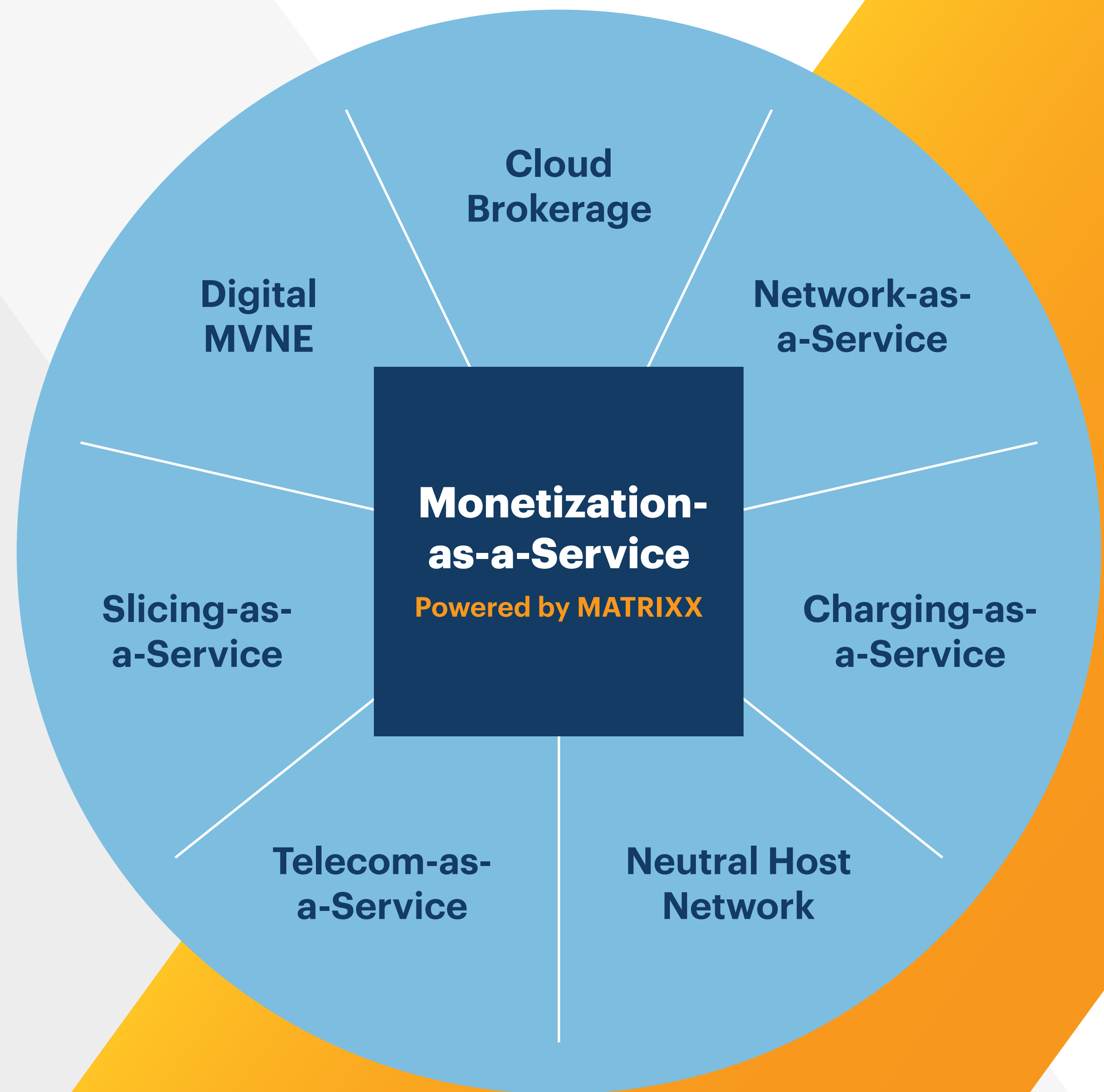SAME SAME SAME SAME SAME SAME SAME SAME SAME

Legacy Billing MVNE

Use Case Agility

The consolidation of all wholesale and retail charges onto an agile, real-time digital monetization engine opens up a whole new array of potential use cases, breaking the stranglehold of batch-based billing and over-focus on vanilla network offerings.

Those use cases span B2C, B2B and IoT segments across both fixed and mobile network technologies.

A richer portfolio of network and non-network offerings built on a lean and agile monetization foundation is an operational game-changer for wholesale MVNEs.

Cloud Brokerage

Digital MVNE

Network-as-a-Service

Monetization-as-a-Service
Powered by MATRIXX

Slicing-as-a-Service

Charging-as-a-Service

Telecom-as-a-Service

Neutral Host Network

MATRIXX Wholesale Case Studies

one.nz

tpg TELECOM

TATA COMMUNICATIONS

dish

MATRIXX Supports Digital MVNXs

Accelerate the onboarding process and reduce the cost-to-serve by introducing a digital MVNE platform powered by MATRIXX.

- Set up and launch new MVNOs in days
- Enable a digital MVNO experience
- Deliver lifecycle charging in real-time
- Provide options for full-stack MVNO support or integrate into their front-end systems through our partner APIs

PROOF POINT

one.nz

A highly flexible MVNE platform with self-serve capabilities for MVNOs and pricing templates that enable partners to configure their own plans to differentiate themselves in the market

tpg TELECOM

Unified monetization: a single platform for prepaid, postpaid and MVNO partners

MATRIXX Transforms Wholesale Monetization

MATRIXX delivers real-time processing of both wholesale and retail charges in a unified platform.

♦ Supports data exchange with partners, bill audit and reconciliation throughout the month, not just at month-end

♦ Enables credit management and control for new partners who may not yet have established their creditworthiness

♦ Facilitates the increasing number of third-party partners who will join the ecosystem for 5G advanced services, industry applications and network-as-a-service

♦ MATRIXX API-first and catalog architecture enables different wholesale models in a unified platform

MATRIXX Delivers Connected Solutions

Our digital charging engine scales to support high-volume, low-value devices and events, and monetizes critical devices that require guaranteed connectivity and performance enabled by advanced networks.

♦ Leverages automation to reduce cost-to-serve

♦ Provides real-time visibility of network traffic and charges

♦ Delivers dynamic charging at IoT scale

PROOF POINT

TATA COMMUNICATIONS

MATRIXX provides real-time charging for Tata's global connectivity solutions, including Tata MOVE™ serving automotive and transport providers like Jaguar Land Rover and EROAD across 600 mobile networks in 200 countries

MATRIXX provides monetization to DISH's cloud-native BSS stack, supporting their 100% cloud-based 5G network, facilitating innovative retail and wholesale offers

MATRIXX Is Ready for 5G

MATRIXX is a flexible platform that promotes the exploration and deployment of new 5G monetization models at speed and enables telcos to validate and execute their vision.

♦ Chair of the 3GPP Charging Workgroup

♦ Co-chair of the ETSI 3GPP Meeting Hosting Advisory Group

♦ Cloud native microservices-based architecture

♦ CI/CD support and automated pricing updates

♦ Real-time charging for network slices, lifecycle orchestration events, network-as-a-service, B2B2X industry services and more

A New Value Play in Wholesale

For more information, visit **A New Value Play in Wholesale web page**.

About MATRIXX Software

MATRIXX Software delivers a dynamic billing, monetization and charging solution proven at scale. Global service providers like Telefónica, IoT providers like Tata Communications and network-as-a-service providers like DISH rely on MATRIXX to overcome the limitations of existing billing applications. MATRIXX provides a unified platform that transforms and simplifies billing operations across consumer, enterprise and wholesale businesses. With MATRIXX, operators can rapidly configure, deploy and monetize personalized offerings, enabling commercial innovation and real-time customer experiences that drive revenue and growth.

matrixx.com