

MATRIXX Dynamic Billing



What is Dynamic Billing?

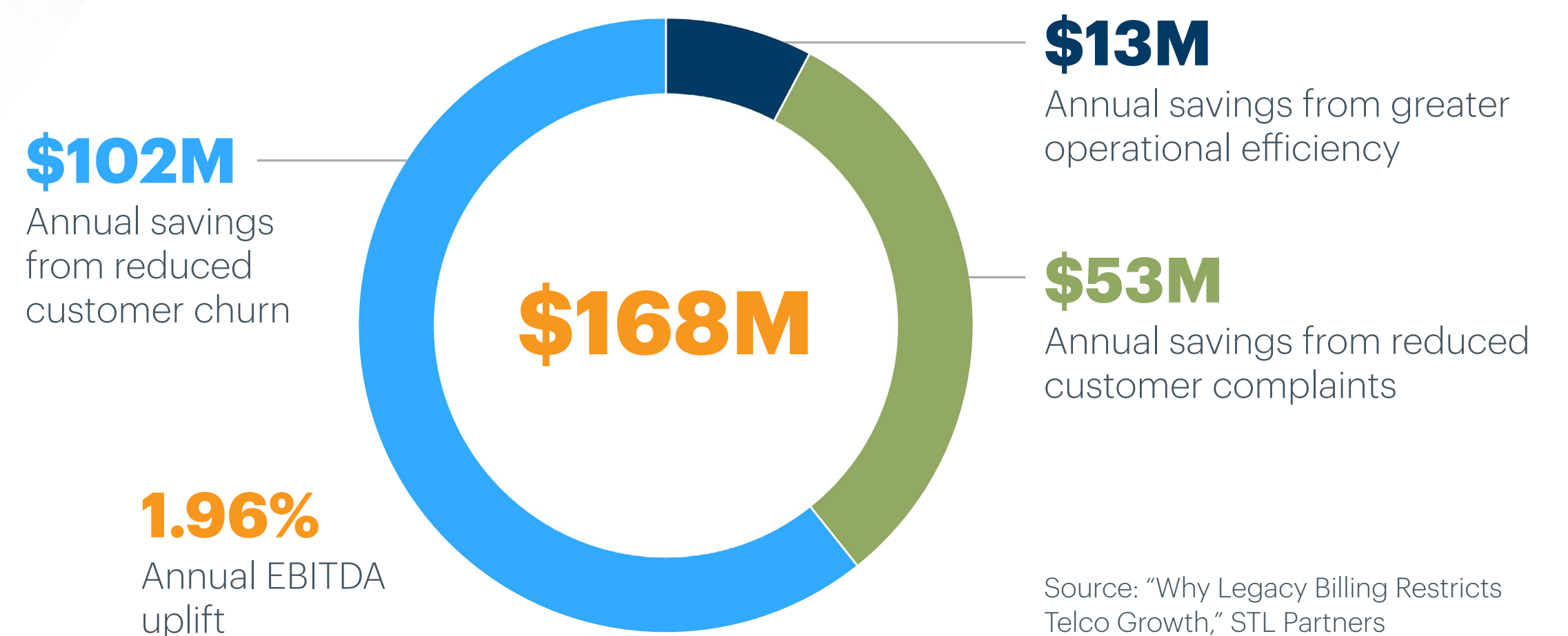
MATRIXX Dynamic Billing uniquely solves the challenges of inflexible, costly and siloed billing platforms. It provides a unified solution that manages all usage, one-time, subscription, recurring and non-monetary bill items and produces bills at the touch of a button: on-demand, on a recurring subscription basis or for a traditional bill cycle. This delivers the digital-first experience customers demand today and provides the transparency needed to prevent customer confusion, disputes and churn. The shift to dynamic billing is a fundamental step in an enterprise transformation to achieving a more cost-effective, responsive and flexible IT architecture.

Dynamic Billing vs. Traditional Billing

For telcos, dynamic billing means merging once disparate processes for online and offline rating and charging with classic billing functions such as recurring and one-time charge generation. By consolidating and simplifying these processes, all charges are generated, managed and available to customers in real-time. Dynamic billing replaces numerous rating and billing systems with a unified solution and data set, creating an integrated view of revenue that cannot be achieved through consolidation at the billing layer alone. The result is transparency of all incurred costs for the customer and full visibility of all revenue for the service provider at every point in the customer lifecycle, enabling a digital-first experience far beyond today's siloed CPQ, purchase and onboarding journeys.

Billing Transformation Opportunity in Telecom

Dynamic Billing could save typical Tier-1 telcos up to \$168 million per year and increase EBITDA by 1.96%.



Beyond Telecommunications

Legacy billing issues plague all industries, not just telecommunications. MATRIXX Dynamic Billing is designed to handle the biggest challenges in pricing complexity, and scales to support millions of devices and billions of transactions. The unique, flexible and high-performance MATRIXX architecture can benefit other industries where billing system silos, manual processes and evolving business models are wreaking havoc on revenue generation and collection:

- Connected industries, e.g., V2X, smart agriculture, industrial IoT
- Enterprise SaaS
- Cloud, Infrastructure (IaaS) and Platform (PaaS) services
- Financial services

How MATRIXX Delivers Better Billing

Better billing requires a platform that is cloud native, composable and highly scalable to meet the demands of an increasingly consumption-based economy. MATRIXX is the first to converge and deliver a single solution for rating, charging, billing and invoicing, thus eliminating the need to piece together data from disparate systems to present to the customer or produce an invoice. MATRIXX Dynamic Billing is a new billing architecture that transforms revenue lifecycle management, delivering meaningful benefits across the business:

- Shorter time-to-cash by reducing the bill-cycle processing time
- Efficient and rapid bill cycle processing even for high volume usage-based pricing models such as telco and cloud services
- Accurate quote-to-bill by using the MATRIXX pricing service during quoting, ordering and calculating the actual charges
- Reduced bill shock and increased customer visibility and control, with an accurate and current spend position of all charges
- Improved customer service by allowing credits on unbilled charges
- Enhanced payment flexibility by supporting both on-cycle charges, pay-on-purchase and subscription/ePayment charges
- The ability to re-rate all charges, including consumption, quickly and efficiently
- Processes billions of network and/or consumption-related events per day in real-time
- The ability to pre-authorize services based on entitlements, balances, credit limits
- Reduces the burden of scaling legacy billing applications to handle the massive increase in billable charge volumes as a business adopts consumption-based pricing
- Aggregates hundreds to thousands of detailed network/consumption events for each customer per day into meaningful bill items for invoicing/digital statements
- Executes millions of daily customer self-care requests instantly and responds with accurate and consistent account and billing information to all channels

Key Dynamic Billing Features

Payments	Integrations with multiple gateways supporting a variety of payment methods with a framework for extending to other gateways as needed.
Postpaid Balances	Track postpaid charges during the bill period, including one-time, recurring and usage. Recurring charge proration immediately calculated.
Subscription Management	Trials, discounts, payment retries and grace periods. Customers can mix subscription offerings with prepaid and postpaid products.
Cycle Management	Immediate cycle changes, accurate cycle close, parallel product cycles, real-time processing of recurring and late arriving events.
Discounts	Real-time discounting for purchases, renewals, usage discounts, percentage and flat rate.
Contracts	Finance contracts for device purchases. Service contracts for plan-based contracts. Early termination fees, late payment fees.
Rating and Charging	Offline and online. Fully configurable, highly flexible rating logic. Event ingestion from any network or source.
Rerating	Rerating to modify and re-process mis-configured rates, to resolve order management issues or correct out-of-sequence events.
Standards Based	TMF-based integration, certified Ready for ODA, 3GPP compliant.
G/L and Taxation	Fully configurable chart of accounts for G/L tagging and daily posting for ERP loading. Full taxation support.
Billing	Template-driven module designed to process large volumes of detailed charging events and aggregate them for streamlined invoice generation.
Invoicing	Fully convergent bill rendering and presentment, with flexible templates to deliver personalized customer experiences.
Bill Account Management	Supports management of billing accounts and balances, payment plans and methods, and facilities associating multiple accounts into a group.