

Totogi Wholesale BSS Platform

Transform your MNO wholesale operations with Totogi's AI-powered platform, specifically designed to streamline MVNO onboarding onto a BSS platform and unlock revenue streams swiftly. Engage directly with MVNOs to offer them a turnkey solution that provides revenue-enhancing AI capabilities.

Totogi's Wholesale BSS platform offers:

- **Simplified expansion** – effortlessly grow your MVNO portfolio with our scalable multi-tenant architecture, designed for rapid scaling without the hassle.
- **Intelligent hyper-personalization** – harness AI to create real-time plans that adapt to market needs and user behavior, increasing profitability and subscriber satisfaction.
- **Intuitive control** – MVNOs benefit from an intuitive platform, giving them greater control over their launch and operations, leading to faster market entry and innovation, and faster revenue to the MNO.

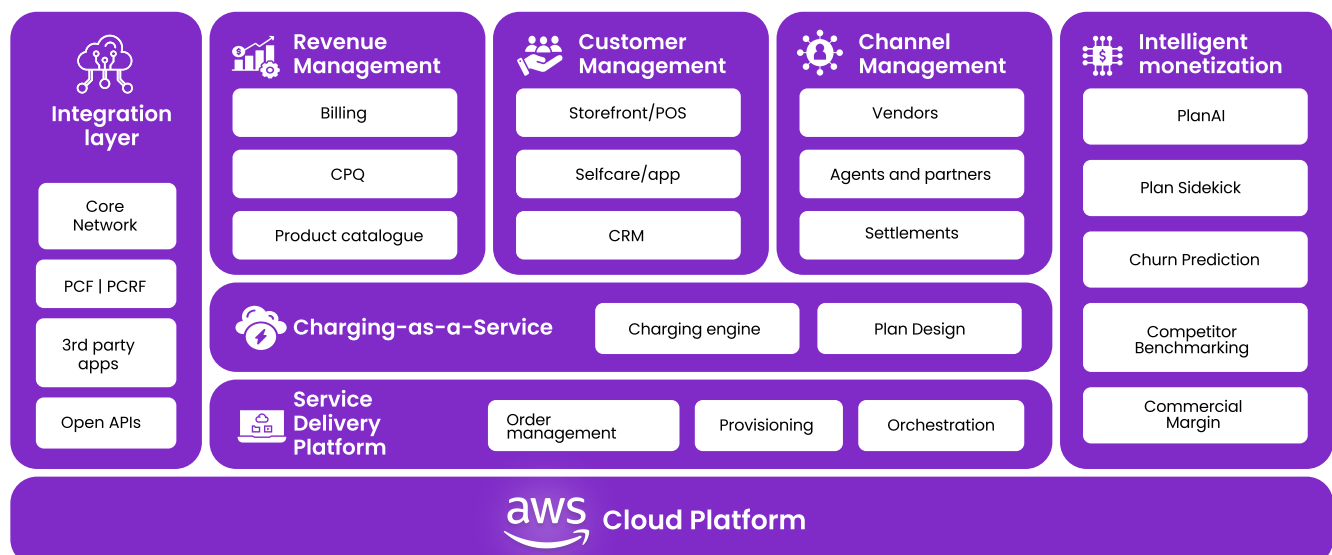


Figure 1: Totogi Wholesale BSS Platform functional architecture

Features and functionality

Integration layer

The Wholesale BSS Platform includes an integration layer with a rich set of interfaces. Core network integration includes integration to components generating charging requests via 5G, 4G/LTE or 2G/3G protocols. This also includes the Sy and N28 policy interfaces to 4G PCRF and 5G PCF respectively. The Wholesale BSS Platform also integrates with additional applications (e.g. loyalty management) via GraphQL API or REST APIs, notifications and customer alarms via AWS EventBridge and Event Detail Record (EDR) storage in AWS S3. Totogi also supports TM Forum OpenAPIs and certified 44 APIs, achieving a TM Forum Platinum Certification.

Charging-as-a-Service

The world's first Charging-as-a-Service includes a Charging Engine and an embedded Plan Design tool. Totogi's Charging-as-a-Service is a paradigm shift for telco. Go from client server monolith to modern multi-tenant SaaS platform with the ability to get new plans configured and deployed to market with precision and without the development time.

Charging engine	Balance management	A highly configurable balance management capability allows rapid implementation of multiple monetary and service balances to support promotions, loyalty, and rollover-type features.
	Online rating	Comprehensive capability to rate prepaid and postpaid customers in real-time across any activity (voice, text, data, content, passes, bundles, etc.).
	Policy control configuration	Ability to define thresholds that through integration notify PCRF/PCF to change the subscribers network Quality of Service (QoS).
	Customer notification	Real-time notifications allow customers to be informed in a timely manner about events such as low or fully consumed balance, credit limits being reached and product life-cycle events.
	Technical catalog	Repository of plans that were created using Plan Design; available to be provisioned to customers.
Plan Design	Web based UI designed for use by non-technical product and marketing teams to configure, test and launch plans with no coding, scripting or configuration of complex tables.	

Intelligent monetization

Totogi's Wholesale BSS Platform includes various add-on solutions to intelligently allow MNOs and MVNO to monetize their assets. Leveraging the latest AI and generative AI technologies, the intelligent monetization layer allows business users to ideate and launch plans quickly and flexibly, use natural language to interact with the solution and drive meaningful and well-thought-out plans and propositions to achieve the CSP's business goals.

Plan Sidekick	A Generative AI natural language interface allowing marketing teams tasked with designing new tariff plans to specify the requirements for an offer/plan based on broad business objectives.
PlanAI	Embedded Machine Learning (ML) and Artificial Intelligence (AI) capabilities to automatically promote offers to targeted subscriber cohorts.
Churn prediction service	Continuously trained ML model that calculates the probability of subscriber churn and includes the score in the subscriber account query. Available per API call.
Competitor plan viewer	Allows the plan designer to search for plans from competing providers based on flexible criteria such as price range and allowances (MB, minutes, SMS).
Commercial margins analysis	This feature calculates a plan's Commercial Margin in real time based on the configuration of network cost parameters. It allows plan designers to adjust plan parameters while ensuring any margin targets are met.

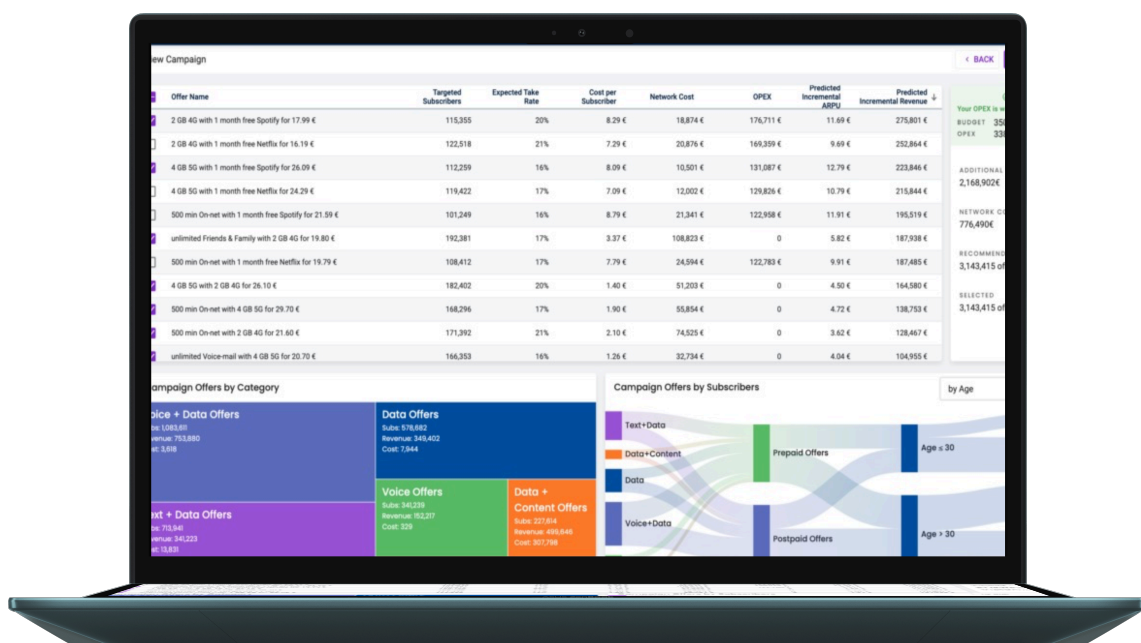


Figure 2: PlanAI

Revenue management

Bill more accurately, ensure compliance, stop revenue leakage, track revenue, and maximize your bottom line by automating your complex and time-consuming billing, payments, collections, revenue recognition, and reporting.

Billing	Billing and invoicing	Automates and streamlines your billing and invoicing processes, enabling you to choose different billing methods and custom invoicing templates.
	Accounts receivable management	Helps you increase your business cash flow by automating the invoicing and collection processes, including dunning, reminders and notification workflows.
	Revenue reporting	Leverages intelligent revenue reports to advise your business on which pricing tactics are driving the most revenue and profitability growth.
	Subscription management	Manages subscription plans and subscriber lifecycle operations such as trials, upgrades, downgrades, suspensions, and cancellations.
	Tax compliance	Automates the process of applying taxes to your invoices, and integrates your taxation provider to maintain an audit trail of all tax calculations, demonstrating compliance with tax regulations.
	Revenue automation	Accurately manage, recognize, report on, and forecast revenue, based on customized revenue recognition Rules. Automate the entire recognition processes and generate reports for your general ledger.
Product catalog	Configure flexible products and bundles catalogs, with relevant eligibility and compatibility rules, promotions and discounts. Manage the full products-and-bundles life cycle with embedded cost and margin analysis.	
CPQ	Product management	Automate your entire quote-to-cash processes—from dynamic product catalogs and personalized pricing to error-free quotes, contract terms, order fulfillment, collections, and dunning.
	Price and Promotions	Attract a potential prospect by personalizing their product's price offered and setting up a limited period discount or unique promotional bundle.
	Contract management	Easily create, manage and amend customer contracts.
	Quoting & approvals	Prepare individualized quotes from your product catalog and automate the quote approval process (in a customized process) and the email directly sent to your customers and prospects within minutes.

Customer management

Enhance customer experience and streamline operations with a full set of tools to manage customers' interactions, providing a holistic view of customer data, empowering customers to manage their accounts and services, and facilitating seamless purchases through eCommerce portals.

CPM	Customer 360 interactions	Tracks your customer interactions from lead to opportunity, quote-to-order, subscription, and their interactions with the system throughout their customer journey.
	Customer management	Manages subscribers, leads, opportunities, and tasks with reminders.
	Service desk	Offers multi-channel support service, allowing customers to seek help through various channels.
Salesfront	Store-front shopping cart	Empower customers to make self-service purchases from a dedicated products page.
Self care	End-customer self-care portal	Enables customers to view and manage their subscriptions and payments.

Service Delivery Platform

Fulfillment Orchestration & Provisioning Platform for 10x Faster Time to Market. Eliminate swivel-chair operations and take your products to market 10x faster using simple no code orchestration workflows. You can construct rule-driven workflows to connect with various systems and automate processes.

Order management	Tracks order information and manages the data, people, and processes involved in the full order lifecycle.
Orchestration	Orchestrates the flow of orders, inventory, and information to ensure efficient and timely order fulfillment using no-code orchestration workflows.
Provisioning	Activates new services, modifies existing ones, or deactivates services by enabling coordinated activation steps on various platforms and rules.

Channel management

Totogi's Wholesale BSS Platform channel management allows MNOs to establish commercial relations with partners, vendors, and agents, as well as manage multi-party settlements and commissions.

Partners management	Manages any business account that is added within/under the parent business account and the reselling of products between parent business and channel partners.
Hybrid catalogs	Allows your partners to add their own offerings along with your products and services.
White-Label Bill-on-Behalf	Effortlessly white label and bill on behalf of your partners/ subsidiaries/ your company from multiple locations.
Agent management	Manages agents that bring new leads/customers into the business, including relevant commissions.
Vendors management	Sets up and manages vendors from which you purchase products, track their costs and reconcile vendors' invoices. Available also for vendors to log in, and set up products and pricing.
Settlements	Defines and calculates flexible and multi-party settlement charges including fixed cost, revenue share, profit share, agent cost and much more.

Why we are different



Cost efficiency – maximize ROI with running natively on AWS, slashing initial cost investment and implementing a pay-per-use business model for leaner, more agile growth.



Market differentiation with AI – help your MVNOs stand out in the market with Totogi's AI-powered intelligent monetization solutions, boosting revenue and subscriber loyalty.



Rapid MVNO onboarding – onboard new MVNOs in record time, turning weeks and months into days with Totogi's multi-tenant SaaS solution for faster revenue realization.



Enhanced customer experience – elevate MVNO satisfaction with Totogi's reliable, cutting-edge technology that supports their growth and ensures a superior service experience.

Get started with Totogi

Request a demo of Totogi's Wholesale BSS platform today.
Contact us via sales@totogi.com or [visit our website](#).