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One Platform.Total Network Intelligence.

Unified Digital BSS & Converged Billing Platform

Telecom & Fintech Monetization Suite

01 Converged Retail & Wholesale Billing

02 Fintech-Grade Settlement & Compliance

03 Carrier WiFi Revenue Platform

04 Enterprise Connectivity Lifecycle

05 AI-Driven Reconciliation & Anomaly Detection

06 5G-Ready Charging & Policy Integration

07 Complete Digital BSS Transformation

08 MVNO & Partner Monetization

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Retail	Wholesale	MVNO
5G	WiFi	Fintech

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Future ready deployment framework

Application Layer – Microservices Core

- Fully Microservices-Based BSS/OSS
- Independent service scaling
- API-first architecture (REST / gRPC)
- Stateless service design

Container & Platform Layer

- Kubernetes-Native Deployment
- Helm-based packaging
- Auto-scaling (HPA)
- Rolling & Zero-downtime upgrades
- Service mesh ready

Infrastructure Abstraction Layer

- Cloud & Virtualization Agnostic
- Public Cloud (AWS / Azure / GCP)
- Private Cloud / OpenStack
- VMware / KVM
- Bare-Metal optimized

Resilience & Availability Layer

- Built for 99.999% Availability
- Active-Active clustering
- Geo-redundancy
- Disaster recovery automation

Carrier-Grade Data Architecture

- PostgreSQL / MySQL support
- Distributed caching (Redis)
- DB clustering & replication
- Multi-tenant strict DB segregation

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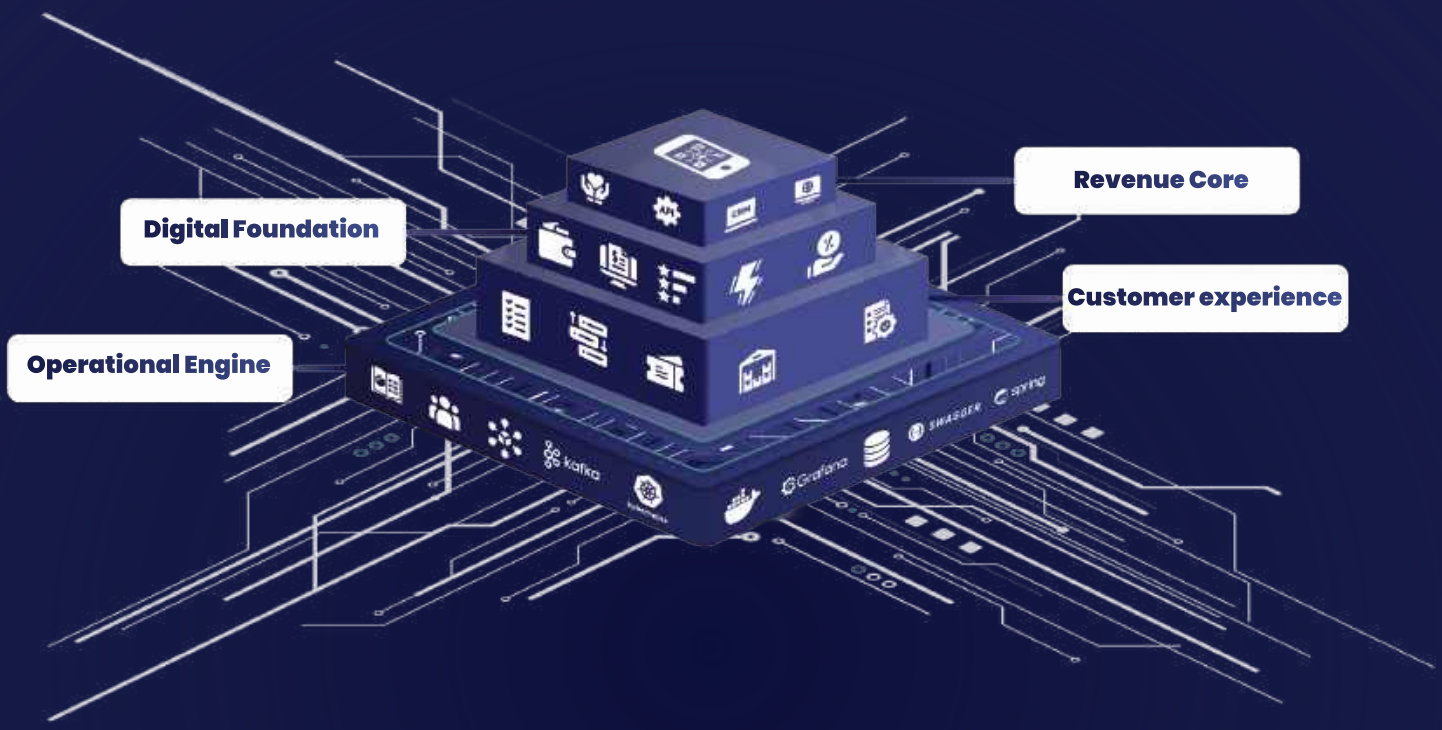
Retail & Enterprise billing platform



Retail & Enterprise billing platform

- Converged Billing & Real-Time Rating
- Wallet, Credit & Financial Control Engine
- Cloud-Native Microservices Architecture
- Seamless Ecosystem Integration
- End-to-End Inventory Lifecycle Management
- Intelligent Trouble Ticket & SLA Management
- GIS-Enabled Network & Asset Intelligence
- Built for Modern Digital Operators
- 360° Operational & Business Analytics
- Enterprise Task & Workflow Orchestration
- Revenue Assurance & Financial Intelligence
- Advanced Partner & Commission Management

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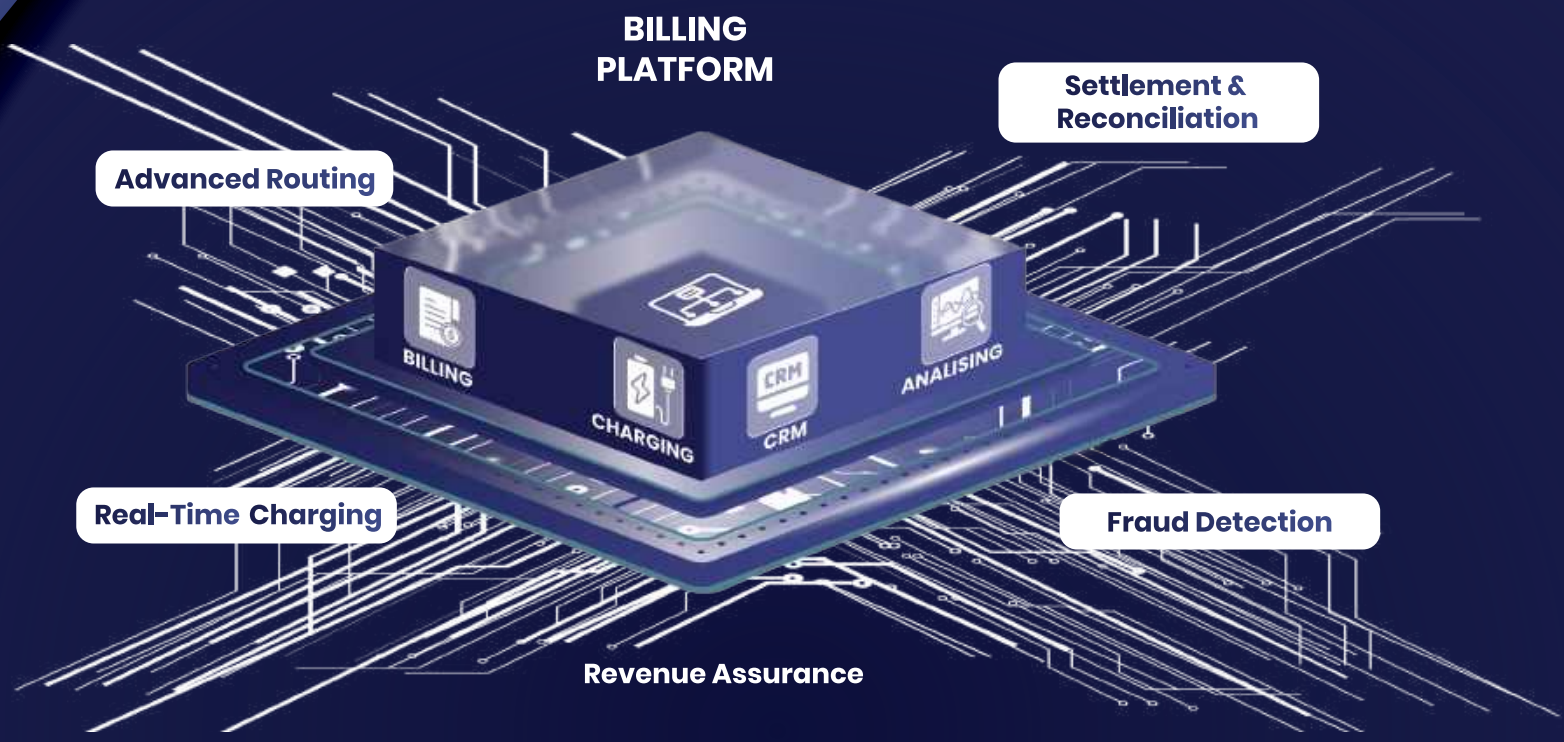
Wholesale & Interconnect billing platform



Wholesale & Interconnect billing platform

- High-Volume CDR Processing Engine
- Inter-Operator Tariff Management
- Automated Settlement & Reconciliation
- Dispute Management Workflows
- Least-Cost Routing (LCR) Enablement
- Multi-Currency Rating & Taxation
- Roaming Partner Settlement Automation
- Voucher, Recharge & Access Lifecycle
- Policy-Based Carrier WiFi Monetization
- IoT & Special Rate Management
- GSMA-Compliant Roaming Framework
- Location-Based & Sponsored Access Monetization

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FTTH | Mobility | IoT & Utility | Digital Marketplace

Carrier WiFi Monetization
- Policy-Based Bandwidth
- Voucher Lifecycle Control
- Location-Based Pricing
- Sponsored Access Models

Workflow Automation & Dunning
- No-Code Orchestration
- Cross-Department Flows
- Automated Reminders
- Smart Collection Cycles

Partner Management
- Multi-Tier Hierarchy
- Flexible Commission Models
- Wallet & Credit Control

Centralized CRM
- 360° Customer View
- AI Segmentation & Insights
- Lifecycle Management

IoT & Utility Billing
- Device-Based Rating
- Smart Meter Integration
- Event-Based Charging

Roaming Management
- GSMA TAP/RAP Support
- NRTRDE Compliance
- Multi-Currency Rating
- Partner Clearing Automation

Interconnect & Wholesale Billing
- High-Volume CDR Processing
- Tariff & LCR Management
- Automated Settlements
- Dispute Workflows

Billing,Rating and Commisioning
- Real-Time Charging
- Prepaid/Postpaid/Hybrid
- Revenue-Based Models
- Auto Settlement

Inventory & Asset Management
- Serialized Device Tracking
- Real-Time Stock Visibility
- Provisioning-Linked Allocation

Trouble Ticket Management
- SLA-Based Routing
- Auto Escalation Engine
- Field Mobility Integration

Self-Care & Mobile Apps
- Customer Portal
- Partner Portal
- Staff Mobility App

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Managed Services

End-to-End Operational Excellence for Telecom Operators

Performance & Capacity Optimization
Continuous system tuning, load optimization, and predictive capacity planning.

Incident, Problem & Change Management
ITIL-aligned L1 / L2 / L3 support with structured RCA and continuous service improvement.

Cloud & Infrastructure Management
Public, private & hybrid cloud operations including patching, scaling, backup & DR.

Managed Billing & Revenue Operations
Bill run execution, reconciliation, revenue assurance, and dispute handling support.

24x7 NOC & Application Monitoring
Proactive monitoring of OSS/BSS, charging, mediation & integrations with SLA-driven response.

Security & Compliance Operations
Access control governance, vulnerability monitoring, audit support & data protection.

Continuous Upgrades & DevOps Enablement
Zero-downtime upgrades, CI/CD pipeline management, and feature rollout support.

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AI & ANALYTICS FOR BSS/OSS MONITORING

Unified Analytics and AI-Driven Intelligence for Complete Operational Visibility & Performance Optimization

Custom Operational Reportiong

- Custom Dashboards
- Visual Report Builder

Business Flow Avnalytics

- AI-Powered Insights Across BSS/OSS
- Cross BSS & OSS Insights
- Correlation of BSS & OSS Functions

Alerting & Anomaly Prediction

- Proactive Issue Detection
- Automated Response

360° Service Dashboards

- Network Monitoring
- Inventory Management
- Partner, Revenue & Growth Tracking
- Complete Service Performance Visibility

Micro Services Monitoring

- Kubernetes-Friendly Monitoring
- Real-time Performance Metrics

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About us

NIVTRIX is a next-generation, cloud-native telecom technology company powering intelligent telecom monetization and digital network ecosystems. We enable operators, ISPs, MVNOs, and digital service providers to transform into AI-driven, future-ready network enterprises. Founded by seasoned telecom leaders, NIVTRIX simplifies complex partner environments and automates operational workflows. Our unified platform connects network, operations, and revenue into one intelligent digital core. In an era shaped by 5G, Fiber, IoT, and fintech integration, we help businesses unlock real-time revenue opportunities. NIVTRIX empowers telecom organizations to evolve with agility, intelligence, and scale.

Vision

We don't just support connectivity — we power intelligent monetization. Our vision is to help telecom businesses operate with real-time clarity and control. We enable service providers to scale confidently and innovate continuously. NIVTRIX empowers organizations to monetize every service, partner, and interaction in the digital ecosystem.

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