SmartCircuit

Network Connectivity and Inventory Lifecycle Management

FINANCIAL AND MANAGERIAL OVERSIGHT OF NETWORK CONNECTIVITY AND INVENTORY – FROM CONTRACT TO REVENUE

Communication Service Provider (CSP) networks are expanding rapidly to support an increasing demand for bandwidth, services, and technologies, creating a growing portfolio of network connectivity and inventory that needs to be closely managed. Without careful financial and process oversight, small discrepancies anywhere in this value chain can quickly grow into costly mistakes.

SmartCircuit: The right choice for managing the full lifecycle of network connectivity and inventory and protecting profitability.

Most Operational Support Systems (OSS) were developed independently and do not effectively communicate across finance, procurement, and the network, limiting the ability of CSPs to achieve true end-to-end business assurance.

SmartCircuit solves this problem, enforcing the proper governance of network connectivity and inventory. From contracts and orders, to circuit inventory and analysis, margin assurance, and more – SmartCircuit streamlines and automates the full process, allowing CSPs to proactively manage network costs and improve profitability.

Key Benefits
- Single source of truth for transport network connectivity and inventory.
- Link circuits to the order, the invoice, and the governing document/contract.
- Tight financial and management control – with auditable workflows and approval processes.
- Instant insights into trends, vendor performance, profitability, and pricing.
- Unparalleled degree of data integrity and accuracy, with powerful data normalization and geo-coding features to protect against human error and invalid entries.
- Eliminate swivel-chair processes and provide a seamless user interface.
- Generate 'what-if' procurement scenarios for improved decision-making.
- Compliant with industry standard and regulations, offering full disaster recovery and business continuity assurance.
- Built on TEOCO's SmartHub technology, and designed for hyper-scalable, data-intensive processes and analytical workloads.

SmartCircuit Modules

Six interoperable modules for streamlining and managing the full circuit lifecycle and improving financial oversight of the network.

BILLTRAK SMARTMATCH

Matches invoiced circuits to circuit inventory for improved cost management. This module normalizes circuit information across multiple facets and introduces geo-coding to increase data reliability. Integration with additional SmartCircuit modules ensures utilization of invoice data to drive ordering automation, contract compliance, and improved financial reporting accuracy.

CONTRACT MANAGEMENT

Provides easy access to searchable contract data, vendor rate sheets and more, so users can make informed decisions and leverage data for advanced analytics. Automated ingestion of contracts and integration with other SmartCircuit Modules enables tracking and comparison of vendor contract terms and conditions against orders, invoices, and accruals.

CIRCUIT ORDERING

Simplifies ordering with a common interface – from circuit installation to decommissioning and every change in-between. An intelligent workflow helps ensure orders are completed within contracted terms and timelines, and integration with other SmartCircuit modules creates process compliance and data consistency.

CIRCUIT INVENTORY

Delivers an accurate view into every circuit throughout its lifecycle. Visualization of circuit hierarchy, locations, assignments, geographical coordinates, contracted terms, and all related orders. Quickly generates map-based perspectives of the network for easy analysis.

FORECASTING AND ACCRUALS

Develops activity-based financial accruals and long-term forecasts of network operational expenses. User-friendly dashboards with powerful reporting capabilities deliver the ability to run different scenarios across multiple dimensions and metrics.

MARGIN AND PROFITABILITY

Analyzes profit margins and identifies low-margin circuits by vendor, type, product, location, project, customer, or plan. Gain valuable insights into trends and key metrics. This is an indispensable financial safety net for any CSP that provides wholesale, resale, or dedicated access as part of its product mix.

TEOCO IS THE LEADING BUSINESS AND NETWORK ASSURANCE SERVICE PROVIDER IN THE CSP MARKETPLACE

- Our cost management solutions are in production at more than 50% of the North American Communication Service Providers, processing over 280K invoices monthly worth $11.5 billion in network cost annually. By unveiling hidden costs and stranded assets, our customers average 5%-12% annual cost savings.

- Successful track record - 60% of all US interconnect dollars are processed by TEOCO.

- Our telecom data domain expertise allows us to bridge the gap between technology and finance to solve your critical business problems.

Our solutions enable the digital transformation of CSPs while enhancing their network QoS, improving their customer experience and reducing their operational costs.

Through advanced analytics, TEOCO products provide actionable and measurable insights into network and customer behavior. This includes the optimization, effective monetization, and delivery of new and existing services, such as 5G.

Our commitment to network flexibility and agility makes TEOCO the obvious choice for CSPs looking to maximize the revenue potential of 5G investments and capitalize on new opportunities tied to the emerging Internet of Things (IoT).

Global Footprint

Extensive Portfolio

Proven Solutions

"TEOCO is bridging the gap between operations functions, particularly traditional engineering, planning and network optimization, and the business-defining monetization functions of revenue generation, customer experience, and margin management. Stratecast believes this makes TEOCO a company to watch."

- Stratecast, Frost & Sullivan