

INsync

Digital Data Analytics for Today's Intelligent Networks



www.teoco.com



Business



Customers



Network



Device / IOT



Location

INsync is an umbrella real-time analytics solution delivering digital data analytics for today's intelligent networks

As CSP's continue their evolution to DSP's, it naturally follows that they must have intelligent insights into their customers' digital service experience to deliver on the promises of next generation networks.

The subscriber base has dramatically expanded to include VoLTE services and IoT solutions such as smart cities, smart utilities and autonomous cars. Operators face an overload of billions of events generated by complex digital services.

Digital service behavior changes on a daily basis with new OTT applications and services introduced impacting subscriber and network behavior. Not fully understanding the constant change of digital services can have a negative impact on the subscribers' real or perceived Quality of Experience. In this environment, actionable intelligence is indispensable to deliver on savings and monetization goals!



The new subscribers paradigm

- ❖ Network data explosion driven by mobile application streaming services such as Netflix
- ❖ Ubiquitous subscriber connectivity



Knowing your customers matters!

- ❖ Too many silos and not enough insight
- ❖ Information gaps have to be bridged
- ❖ Real-time! Real World!



Real-time actionable intelligence

- ❖ Reporting on data usage is not enough anymore
- ❖ Real-time complex event processing and actuation capabilities are critical
- ❖ Act now! Profit now! Save now!

The INsync advantage

- ❖ Distributed architecture inherently reduces costs and does not suffer from performance and scale limitations of legacy architectures
- ❖ Monitor, diagnose, predict & protect with real-time insight, perform root cause analysis and troubleshooting to isolate network vs. content provider vs. device vs. location related issues
- ❖ Support mobile, Wi-Fi, video and fixed services on the same analytics platform for all stakeholders
- ❖ Advanced analysis with machine learning, auto discovery, MOS and forecasting for actionable intelligence

Independent, proven, trusted and objective

End-to-end customer experience

100% of customers (subscribers and IoT)
100% of the time in real-time
1000's of KPI's

360° perspective

User-RAN-core voice and data
Device location, price plans, QoE
All digital services, OTT

Advanced IP probes

> 500GB/s scalability
Deep packet inspection (DPI)
Real-time application auto discovery
(encrypted/unencrypted)
3G, LTE, VoLTE, ViLTE & video

Collection from 150+ sources

Network data - NEM, OSS, BSS, RAN,
CORE, SA etc.
Customer data – CRM, Policy etc.



Use cases across your organization

INsync delivers on end-to-end use cases, achieved with correlation of data across all business units within an operator. This provides valuable actionable intelligence on a customer's digital experience.



Intelligent automated analytics identify network cost saving opportunities and help you deliver on the monetization challenge.

Deep insight into end-to-end QoE of VoLTE calls helps to validate and accelerate the rollout and adoption of VoLTE services.

Ensure your network is designed to deliver seamless performance for IoT customers. Lead the market & create new revenue opportunities.

Understand trends & impact on network & subscribers. Advanced heuristics and machine learning detects apps using encrypted flows.



**VoLTE & ViLTE
Rollout**



**Customer Care
& Marketing**



**IoT
Customers**



**Capex
ROI**



**OTT
Onslaught**

Issues and updates are proactively detected, pre-categorized and implemented with little or no customer impact or manual care intervention.

Focus capex budget during network rollouts to maximize service adoption and return on investment.

ABOUT TEOCO

TEOCO is a leading provider of analytics, assurance and optimization solutions to over 300 communication service providers (CSPs) worldwide.

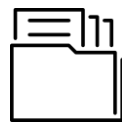
Our solutions enable the digital transformation of CSPs while enhancing their network QoS, improving their customer experience and reducing their operational costs.

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