

# TelPod: An OpenSource, Plug-and-Play Telco Data Analytics Platform from ATS



Over the next five years, 71% of the global population, or 5.7 billion people, will be mobile subscribers. This will require Communications Service Providers (CSPs) to process an exceptional amount of data – somewhere in the vicinity of several exabytes per month. And, the advent of 5G and the expectation that billions of new IoT devices will be added to the network, means incredible volumes of data from multiple sources will increase the complexity of networks.

The need for a robust big data analytics solution has never been more profound. The right analytics solution would uncover insights from big data to understand network and customer behaviors, preferences, service usage patterns and interests, which enable CSPs to better manage and monetize their networks.

## LIMITATIONS OF EXISTING ANALYTICS PLATFORMS

CSPs are limited by the scalability and flexibility of today’s analytics tools. The proprietary nature of these solutions means they are not open-ended, and they inherently lack essential features that are vital to the CSP. Another limitation of these tools is the inability to analyze petabyte scale and streaming data, due to the cost of the hardware and software components involved. The introduction of a new analytics solutions would translate to data being re-gathered, causing potential loss of vital insights to improve network performance and thus, impeding monetization.

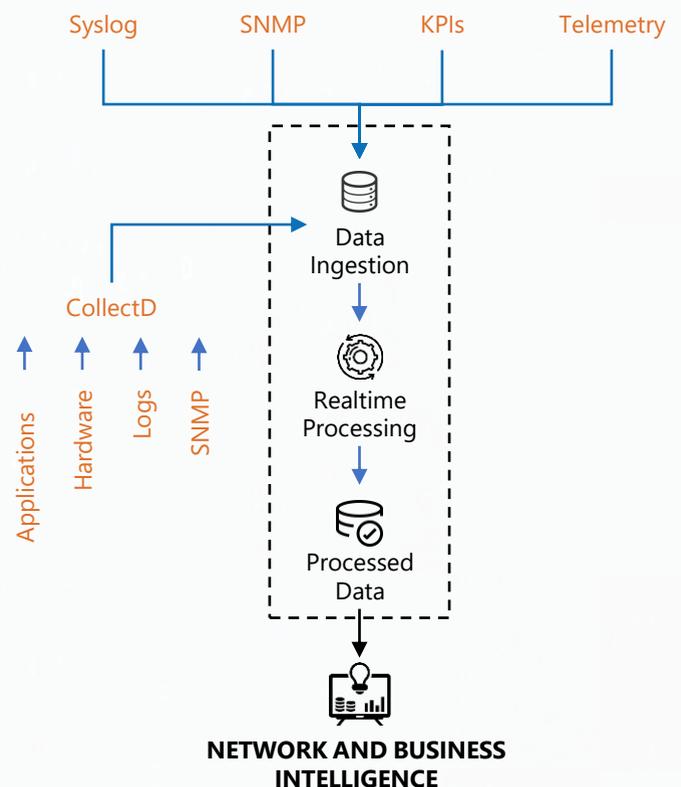
Improving operational efficiencies to benefit end users is of the utmost importance to CSPs, and thus constantly find themselves in search of new and improved analytics solutions.

## THE TELPOD SOLUTION

**An authentic data analytics solution can lower service costs, provide valuable insights on KPIs, drive expansion and generate profit.**

### TelPod is:

- A plug and play telco analytics solution which is built using industry-adopted, mature OpenSource technologies
- A single-entry point for a variety of data from multiple sources. Collected data does not need to be re-gathered
- A fully automated solution which is horizontally scalable
- A solution that can be fully managed by ATS, allowing CSPs to focus on their customers
- A flexible solution, built using OpenSource components that makes it easy to customize and add new capabilities
- A solution that provides actionable insights through real time data processing



## KEY BENEFITS OF TELPOD

TelPod is a fully managed, plug-and-play analytics platform that provides complete data pipeline analytics solutions for:



Key advantages include:



No vendor lock-in and low entry barrier



Fully managed solution with hassle-free, 24/7 support



Ability to start small and seamlessly scale up



Customizable, OpenSource, single-solution for heterogenous networks



Lower CapEx and OpEx Costs



Built-in security for data privacy and add-on functionality interfaces

## CUSTOMIZATION SERVICES

- Specific use case implementations
- Integration with OSS/BSS ticketing systems
- Machine Learning and Artificial Intelligence use cases
- Integration with third-party tools
- Interoperability with legacy analytics systems

## WHAT CAN BE BUILT USING TELPOD?

- Uptime analysis
- Bandwidth utilization
- Latency analysis
- Network congestion
- Predictive failures
- Geographical origination and termination of data endpoints
- Network traffic insights, from Layer-2 to Layer-7
- Alerts for unusual events, such as critical logs and network faults
- Insights for network and infrastructure planning

**TO LEARN MORE, VISIT: [www.atsgen.com](http://www.atsgen.com) OR EMAIL: [info@atsgen.com](mailto:info@atsgen.com)**

### About ATS

ATS, a KGPCo company, is a service delivery organization with core competencies in OpenSource Software in Virtual Infrastructure Management, SDN NFV, Cyber Security, Data Analytics and Professional Services. Our team delivers comprehensive, strategic, innovative, and sustainable solutions for our customers. Leveraging our technical development centers we provide sophisticated applications that provide real value to our clients, while efficiently managing costs. ATS is a New Jersey-based technology company with a global presence and holds a broad range of industry certifications.

### About KGPCo

KGPCo is the leading large-scale organization that combines a comprehensive suite of technical strategy and implementation services with a global logistics network and portfolio of technology partnerships for the communications industry. With nationally recognized capabilities in Advanced Supply Chain Management, Distribution, Cloud Solutions, and Inside Plant, Outside Plant and Wireless Services, the KGPCo OneTouch™ solution enables operators to seamlessly deploy legacy and disaggregated technology. KGPCo is a trusted partner and integrator for customers, providing a single source that can deliver a complement of scalable network solutions.