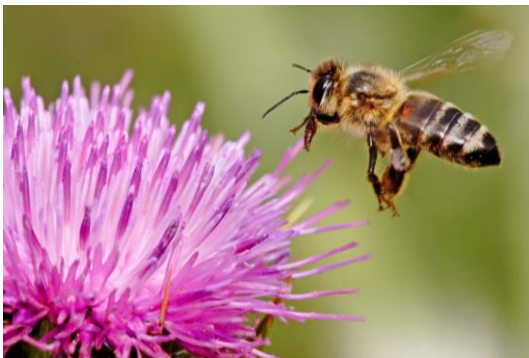
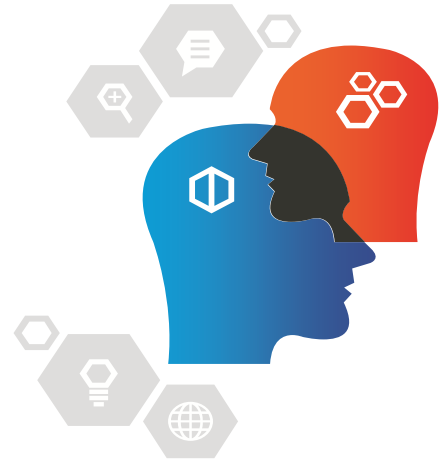


Gamma Analytics Collector

Big Data to Big Results

IT departments at Communication Service Provider's (CSPs) typically spend a lot of time and effort on data collection. This is due to the presence of large number of disparate systems (feed sources) and data formats. CSPs need to collect; transform and aggregate data for many different uses and collectors often present a bottle neck. Collecting and transforming data needs expertise and specialized technology. This is especially significant for real time data processing. What is required is a solution that directly addresses this problem



Gamma Analytics' Collector is a tool that is designed and optimized for CSPs. Our collectors have integrated adapters and intelligent deserializers to natively connect to telecom data sources and process data. This includes batch and real time data as well as structured and unstructured formats. Typical data feeds include MSC CDRs, IN Prepay CDR-s, Mediation CDR-s, Mediation Rules, HLR data, CRM, Rated CDR-s from Billing as well as data warehouse, MSC logs and GSN CDR-s etc.



FEATURES

- Pre-built connectors to telecom BSS OSS
- Parsers and transformers for telecom data formats
- Fast file/data sniffing – Event based, periodic or fetch as scheduled
- Duplicate check on files level as well as CDR level
- Handles multi-transfer protocols
- Inbuilt compression and decompression handling
- High volume and high velocity



TYPE OF FEED SOURCE

- AWS, Google
- SFTP/SMTP/SNMP
- H LR, MSC, Mediation
- TAP, GSN, CGW, IN, VAS
- Billing, CRM, Provisioning, DW



AUDIT REPORTS

- File sequence check
- Duplicate check
- Backup
- Logs, Audit trail



BENEFITS

- Telecom optimised – turnkey solution
- Real-time ETL process is made possible
- Removes the bottle neck in the ETL value chain
- Designed for CSPs
- Industry standard audit reports

DOMAIN SPECIFIC

DATA ACCESS

DATA ANALYSIS

DATA SCIENCE

ANALYSES AS SERVICE

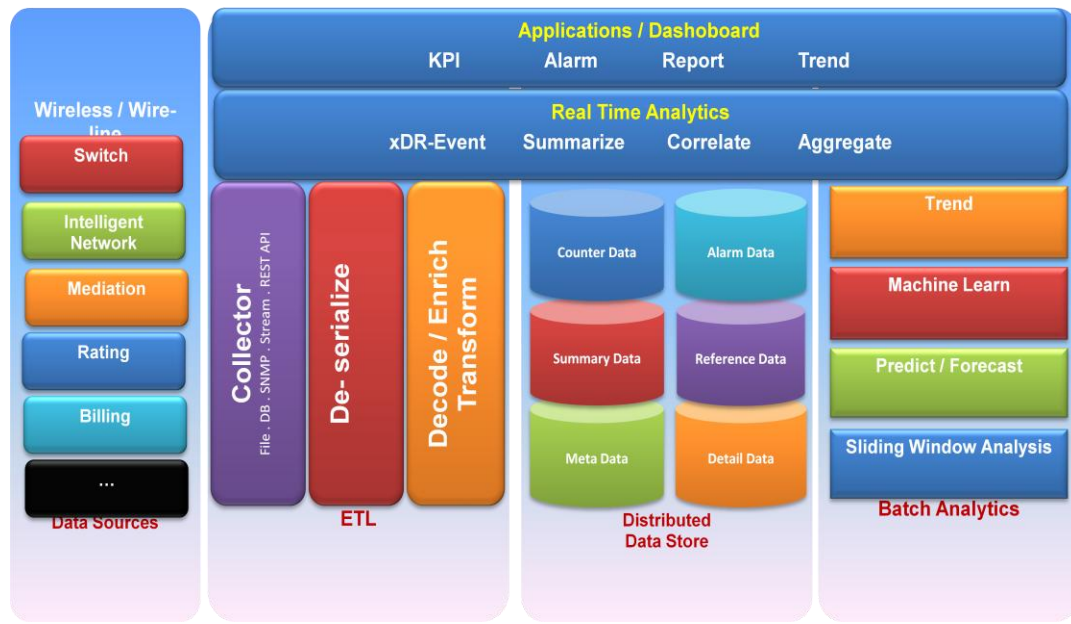
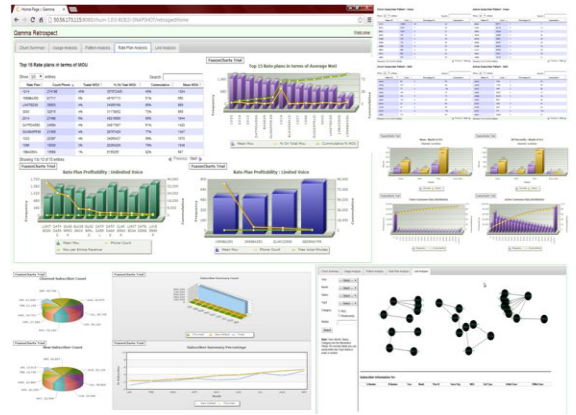
GAMMA

WWW.GAMMANALYTICS.COM

About – Gamma Analytics

THE FIRST BIG DATA ANALYTICAL PROVIDER THAT INCLUDES DOMAIN INTELLIGENCE TO ENABLE, STREAMLINE AND MANAGE TELECOM DATA PROCESSING, DATA SCIENCE AND ANALYSIS

- Designed and optimized for communications providers
- Solution includes pre defined analytics for telecom operators
- System set up and go-live in days
- Product as a service model to eliminate HW / SW expenses and minimize HR
- Currently deployed in the Americas and processing terabytes of data daily
- Advanced technology to support real time analyses
- Advanced visualization and dashboard that can also be viewed from Android and iOS
- First and only telecom solution to fully incorporate Data Science Services
- Cost model to allow immediate ROI



PRODUCT OFFERINGS

- ETL Connector
- De-serializer
- Enrichment Plugin
- Loader
- Data Warehouse Builder
- Data Analyzer
- Dashboard
- Predesigned reports for IT operations
- Standard reports for telecom operations
- Churn Management
- Mobile Money

WHY GAMMA ANALYTICS

Typically CSP look to the provider for technology expertise and the provider looks to the CSP for domain expertise. This often results in expectations and results mismatch.

Gamma Analytics bundles Data Science services as a component which means the apps have pre-defined functionality that includes Data Science elements as well as Data Scientist consultants and consulting as part of the solution set

This becomes an important differentiator as a standard analytical set includes

- Structured and Unstructured data
- Streaming and batch records
- Internal and external sources
- Private and public systems

Full branding and localization support processes to reduce costly errors and potential revenue loss.



ADVANCED TECHNOLOGY SUPPORT

ANALYTICS

DATA SCIENCE AS A SERVICE

GAMMA

TELECOM BIG DATA ANALYTICS

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