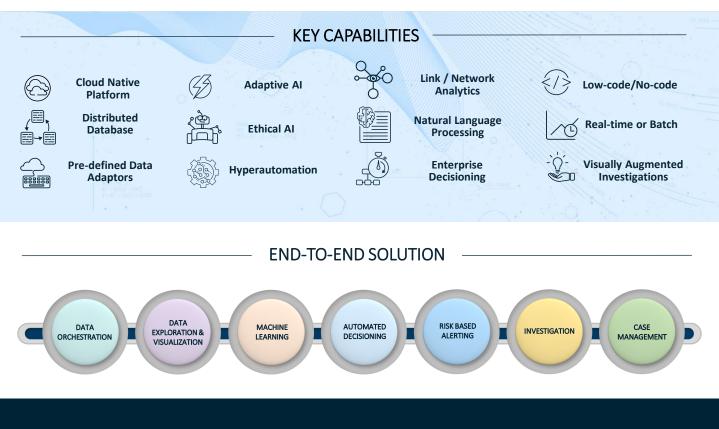
ADVANCED ANALYTICS AND ARTIFICIAL INTELLIGENCE FOR CSP FRAUD MANAGEMENT & REVENUE ASSURANCE

#### Scalable Fraud Management & Revenue Assurance Solution TELECOM FINTECH Fraud Management TELECOM FRAUD MANAGEMENT SYSTEM **Revenue Assurance** TEST CALL/SMS GENERATION SERVICE CSP SPECIFIC FRAUD Products Assurance Application Fraud Usage Assurance Payments Fraud Usage Fraud Types Handset Fraud Types Scams OTT Bypass Fraud SIM box Fraud Partner Management Assurance Merchant Acquiring Subscription Assurance Internal Fraud SIM Box / Subscription Fraud Scam Calls Traffic Refiling / nterconnect Bypass Bypass Fraud CLI Spoofing / Arbitrage In Post-paid Billing Assurance AML Transaction Monitoring International Revenue Share Fraud Prepaid Balance Know Your Customer Account Takeover Smishing Assurance **NETWORK PROBES FINTECH Continuous Monitoring for** Dealer Fraud Arbitrage Phishing **Revenue Assurance** Procurement TDM Probes IP Probes P2P Fraud, Waste & Abuse Loans Amount & Eligibility Checks Partner Reconciliations Know Your Supplier Prevalent in countries Prevalent in countries Abuse of Telecoms where international calling costs are high where handsets are free with Pay Monthly networks to scam Zero Real-tim STMx Probe Duration Calls Capture citizens and businesses Detection & Prevention Charging, mmissioning and Tariff Assurance Wallet/Digital Card Balance Validations Travel & Expenses C Spend Analytics



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# **ADVANCED ANALYTICS AND ARTIFICIAL INTELLIGENCE** FOR CSP FRAUD MANAGEMENT & **REVENUE ASSURANCE**

# **TELCO FRAUD MANAGEMENT**

#### Usage Fraud Types

Take your usage fraud detection to the next level by utilizing AI and machine learning to quickly detect fraud, automate service level blocks and reduce false positives, allowing investigators to focus efforts on more complex activities.

#### Handset Fraud Types

Real-time omni-channel handset/device fraud prevention using hybrid analytical detection methods that utilize AI & machine learning-driven automated decisioning combined with visual based investigation and case management.

**Fully Dynamic** 

Multi purpose and fully dynamic

future-ready system to support the

exact requirements of the CSP starting from the data layer all

the way through to the UI.

Supplier Integrity

Supplier risk assessment including UBO

determination; Automated risk

assessments; Due diligence for onboarding

focusing on supplier reputation, stability,

and other decision risk factors

and continuous monitoring of suppliers

# TELCO/FINTECH REVENUE ASSURANCE

CONTINUOUS MONITORING

#### Comprehensive

Enables CSPs to conduct a comprehensive audit of their entire telco/fintech revenue management chain and identify potential risks/leakages within their operational areas.

Scams

Use text analytics, behavioral biometrics,

and anomaly detection models to

proactively detect scams rather than

reacting to tip offs and retrospective

analysis.

#### **Test-Call/SMS Generation**

Ensures systematic detection of bypass fraud targeting operators and facilitates the elimination of fraud sources. The TCG service uses a wide range of networks and sources to initiate manual/automatic calling/SMS campaigns.

Analytics at the Core

Based on a rich and market

proven library of business

scenarios, with an additional layer of analytics, such as forecasting,

predictive models and anomaly

detection.

#### **Full-fledged**

Full fledged RA solution built on top of SAS VIYA framework embracing all required functionalities for optimal business assurance across all CSP's business processes.

## Procure to Pay

Invoice accuracy, duplication detection & process simplification / automation to reduce fraud waste and abuse in procurement through rich library of business rules and anomaly detection. Powerful investigative UI and workflow management to enforce quality of process and audit readiness.

#### **Know Your Customer**

Know Your Customer (KYC) solution designed to protect our customers against fraud, corruption, money laundering and terrorist financing

## FINTECH FRAUD MANAGEMENT

#### Sanctions Screening

Screening individuals, groups or companies against designated sanction lists according to the territories in which an organization trades, the currencies they trade in, and their partnerships and alliances

#### **Spend Analytics**

Get the procurement spend under control, improve category cost management, gain control over maverick spend and identify potential savings. Optimize supplier base and monitor contract performance

**AML Transaction Monitoring** 

AML transaction monitoring system seeks to identify suspicious behavior which

could indicate money laundering or other

financial crime occurring.

#### waste & abuse connected to falsifying journeys, exaggerating distances,

**Travel & Expense** 

Identify and reduce fraud,

merging personal and business trips and claiming for shared journeys.

# **Payments Fraud**

Monitor all transaction types in realtime using AI and machine learning to prevent fraudulent transactions as they happen and minimize customer disruption through automated communication.



## Fraud

SAS is a Leader in the Chartis RiskTech Quadrant® for Enterprise Fraud Solutions, 2021 SAS is a Leader in the Forrester Wave™: Enterprise Fraud Management, Q3 2021

## Case Management

SAS is Best in Class Aite Matrix: Case Management to Combat Global Fraud and Money Laundering, Q4 2020



## Decisioning

SAS is a Leader in the The Forrester Wave™: AI Decisioning Platforms, Q2 2023 SAS is a Leader in the Forrester Wave™: Real-Time Interaction Management, Q2 2022



#### Data Science

SAS is a Leader in the 2021 Gartner Magic Quadrant for Data Science and Machine Learning Platforms SAS is Best in Class Aite Matrix: Fraud & AML Machine Learning Platform, Q1 2022

## Data Management

SAS is a Leader in the 2021 Gartner Magic Quadrant for Data Quality Solutions SAS is a Leader in the 2020 Gartner Magic Quadrant for Data Integration Tools

## **Business Intelligence**

SAS is a Visionary in the 2022 Gartner Magic Quadrant for Analytics and BI Platforms SAS is a Strong Performer in the Forrester Wave™: Augmented BL 03 2021

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Snapshot of Recent Analyst Rankings







