

# Mobileum Announces Anti-Fraud Analytics that Discovers Telecom Frauds Before They Occur.

Tuesday 3 March, 2015

Mobileum, the leader in analytics solutions for telecom business transformation, today announced Mobileum Anti-Fraud Analytics, a predictive, machine learning-based fraud prevention solution that helps telecom operators to arrest revenue leakage with real-time fraud detection.

Telecom fraud continues to be a serious menace for the Telecom Operators eroding their profits and impacting their brand image. With over \$46 billion in lost revenue, telecom is second only to banks in revenue leakage from fraud. For some operators, losses from fraud are growing faster year-over-year than the service revenue. Conventional Fraud Management Systems understand known frauds and have rules built to detect known ways of committing fraud, but such systems are unable to keep pace with the fraudsters who are constantly innovating and evolving.

"When it comes to telecom fraud there are 'known unknowns' and 'unknown unknowns', which the rule-based fraud management systems cannot detect, and even if they belatedly do, the latency in detection renders it useless because by that time the fraudsters have changed the rules of the game. This year's fraud techniques will not be the same as last year's," said Sudhir Kadam, SVP and Analytics Business Line Head at Mobileum. "Our advanced analytics solution takes mobile operators from an increasingly inefficient, rule-based solutions era to the world of predictive machine learning, without the need to understand the complex algorithms to fight fraud and arrest revenue leakage."

Mobileum Anti-Fraud Analytics runs on its patent-pending Big Data and Analytics platform called Wisdom, which can mine through billions of unsuspected usage transactions in real-time to discover anomalous patterns of emerging fraudulent behaviors. This helps widen the net to trap the deviations in the known types of frauds, and identify unknown frauds, across Voice, Data and SMS, as well as international and roaming fraud scenarios.

Mobileum mentioned that a Tier-1 US mobile operator signed up as the first customer for Anti-Fraud Analytics in Dec 2014.

## About Mobileum

Mobileum helps telecom service providers leverage the power of predictive analytics and real-time insights to drive game-changing business transformation. Over the last 15 years, Mobileum has delivered turnkey solutions such as Voice and Data Roaming, Fraud Analytics, Data Monetization, Analytics for Customer Experience and Service Performance Measurement & Assurance, to 617 operator networks across 170 countries. Mobileum's Wisdom platform enables CSPs to gain deep understanding of network and subscriber behavior, and leverage that to improve service adoption, arrest churn, deliver superior customer experience, predict new types of fraud, and benefit from next generation data-driven revenue models. Mobileum is based in California's Silicon Valley, with offices in Brussels, Hong Kong, Singapore, India, Dubai, Argentina, Uruguay, and Brazil. To learn more, visit [www.mobileum.com](http://www.mobileum.com) and follow @MobileumInc on Twitter.

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