

# WHY VOLT ACTIVE DATA IS THE BEST DATA PLATFORM FOR TELCO REVENUE ASSURANCE

## A couple milliseconds.

Thanks to 5G and IoT, that's your new window of opportunity to prevent a potentially catastrophic fraud event.

### STILL USING LEGACY TECHNOLOGY TO HANDLE THIS?

Getting increasingly nervous about your legacy technology's ability to handle it totally by itself?

You should be.

Telecommunications companies and communications service providers (CSPs) are on the brink of a sea change in fraudulent behavior: a new era of fraud ushered in by the unprecedented data volume, variety, and velocity that the combination of 5G and IoT brings.

To handle it, telcos and CSPs need a new kind of data platform that enables intelligent, real-time decisions on anomalous activity, so that anomalous behavior is identified and blocked in real time and in-event, prior to the transaction occurring.

**Here's why Volt Active Data is the best data platform for telco revenue assurance:**

## 1. ADAPTIVE INTELLIGENCE

Volt Active Data applies a rule-based detection approach to find anomalous activity and invoke preventative action. These rules, of course, are dynamic because Volt Active Data can integrate with machine learning platforms such as data lakes and data warehouses to update these rules as new triggers and patterns emerge. This allows systems built on Volt Active Data to continually adapt to the attack surface coverage.

## 2. CHANNELS

Applications built on our data platform can analyze data coming from multiple sources and channels at once. This is key in an era where CSPs and telco customers — and their devices — bring in data via several different channels.

### 3. CONTEXTUAL DECISION INTELLIGENCE

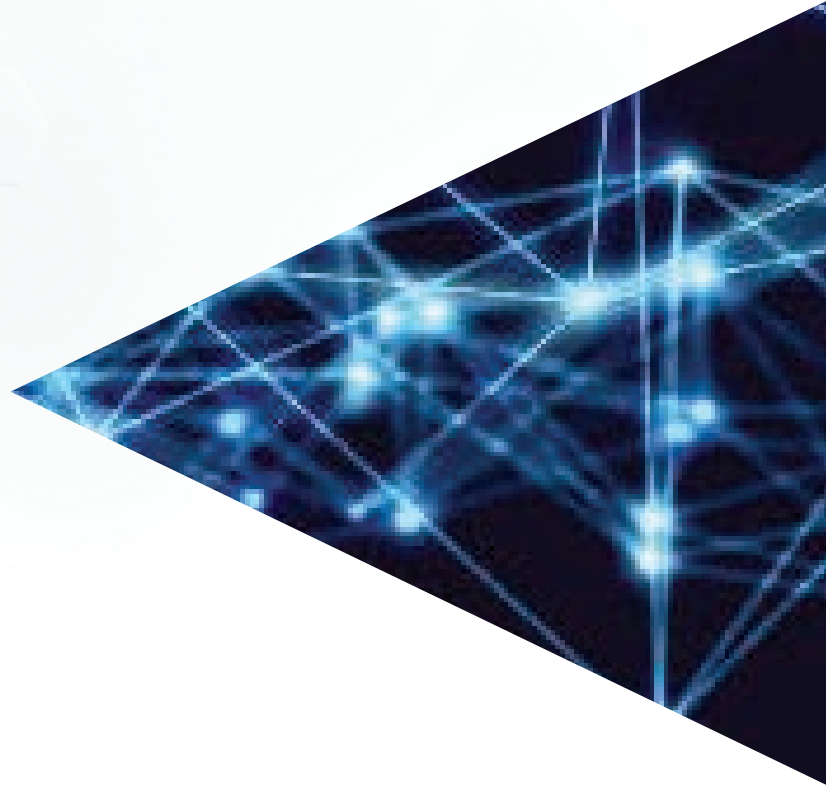
Fraudulent activity is never a singular event. It is a combination of multiple events that come together to form fraud. It is essential to take the incoming event in the context of near-past events to complete the picture. This means using a platform that brings stream processing and data storage together to ensure low-latency decisions. Volt Active Data is exactly that platform that brings our flagship in-memory database and stream-processing capabilities together to meet the “under-10 milliseconds” need to take preventative measures.

In a nutshell, we use real-time intelligence, machine learning, and complex event processing from multiple channels to analyze thousands of attributes—including subscriber behavior, geolocation, device information, transaction type, etc.—across multiple channels in real time. These attributes are compared to correct behavior and statistical anomalies are picked out as events occur to head off fraudsters before they even have a chance to act.

That means you, your networks, your applications, your customers, and your revenue, are kept safe.

That means it’s time for us to chat.

**Get started with  
Volt Active Data  
today.**



#### ABOUT VOLT ACTIVE DATA

Volt Active Data enables enterprise-level companies to innovate faster, perform better, and create new revenue streams by unlocking the full value of their 5G data. The only data platform built for real-time, sub-10 millisecond decisioning, we empower companies to re-engineer their latency-dependent solutions to process more data than ever before at a faster pace than ever before, allowing them to not just survive but thrive in the world of 5G, IoT, and whatever comes next. By combining in-memory data storage with predictable low-latency and other key capabilities, we can power BSS/OSS, customer management, and revenue assurance applications that need to act in single-digit milliseconds to drive revenue or prevent revenue loss, without compromising on data accuracy. For more information, visit [voltageactive.com](https://voltageactive.com).