# MONITOR & DETECT FX MARKET MANIPULATION, ABUSE, AND FRAUDULENT BEHAVIOR PATTERNS – ACROSS TRADES AND COMMUNICATIONS

With major institutions subject to investigations, fines, sanctions and private litigation, and, eventually, class actions, FX manipulation is now at the forefront of global regulatory focus. No firm can now afford to ignore the potential consequences. Yet the unique character of the FX markets - 24 x 6 over-the-counter trading, lack of market transparency, and their largely unregulated nature - have challenged firms to implement effective surveillance across their dealings and communications.

### ACTIMIZE TRADE SURVEILLANCE FOR FOREX

The Actimize solution provides comprehensive coverage for FX manipulation and fraud, including cross-market manipulation and anomalous trading behavioral patterns. The solution includes focused FX transaction surveillance with the additional capability to monitor and analyze relevant communications across voice, email, and chat.

#### **FX SPECIFIC DETECTION SCENARIOS**

Each Actimize detection scenario is designed to detect specific compliance events that may be indicative of trading irregularities. The Actimize technology allows firms to rapidly deploy sophisticated analytics that enable efficient and timely identification of potential issues with minimal false positive results.

| MARKET & BENCHMARK MANIPULATION | FRAUD & BEHAVIORAL PATTERNS |
|---------------------------------|-----------------------------|
| Marking/Banging the Closes      | Front Running Large Orders  |
| Wash Transactions               | Historic Rate Rollover      |
| Off-Market Transactions         | As of Trade Patterns        |
| Price Ramping/Hammering         | Cancels & Corrects          |
| Cross Market Manipulation       | Parking                     |

### **COMPREHENSIVE FX SURVEILLANCE, FROM ANALYTICS TO CASE MANAGEMENT**

#### FOLLOW THE SUN ANALYSIS

Ensure coverage for markets that never close, in multiple regions and multiple time zones in order to maintain appropriate levels of 24 x 6 surveillance.

#### **ADVANCED CURRENCY ANALYTICS**

Provide the required level of scrutiny to currency transactions with customized analytics at the currency pair and at the currency levels.

#### MARKET VISUALIZATION

Provide analysts with a graphical interface that displays market activity overlaid with firm transactions and alerts, adding insight for context-driven analysis of internal and external trading anomalies and improving trade surveillance activities.

## CENTRALIZED CASE MANAGEMENT & OVERSIGHT

Ensure investigations are effectively resolved according to compliance protocols with a fully integrated case management platform including predefined workflows, efficient alert management, and audit tracking, as well as comprehensive reporting and dashboard capabilities.

#### **BENCHMARK ANALYTICS**

Solve the issue of scarcity and unreliability of market data with analytics across multiple benchmarks.

#### **MULTIPLE RATE FIXING WINDOWS**

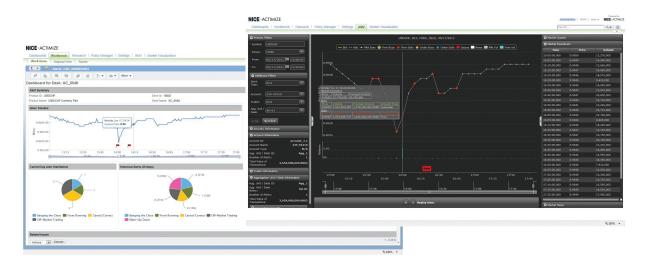
Monitor constantly fluctuating currency rates in real time, including adjustment for various interest rate changes.

#### **DETECTION AND RESEARCH TOOL (DART)**

Offer business users the ability to perform ad hoc queries to quickly aggregate, review, and distribute information across the organization with the Actimize Detection and Research Tool (DART), an optional addon to Actimize RCM.

#### **COMMUNICATIONS SURVEILLANCE**

Correlate interactions from multiple communications channels, and graphically represent voice, SMS, email, and social media communications for comprehensive record keeping and complete trade reconstruction.



Intuitive, graphical representation of data helps identify key issues