Recent studies have shown that the global fraud cost to Operators is estimated to run into billions of dollars each year. This loss is spread over both wire-line and wireless Telecom Operators with each Operator losing 3% to 6% on average of total revenue to fraud. The Averox Fraud Management System provides an accurate measure of the levels of fraud suffered in the network, enabling you to take steps to reduce losses and maximizing profits.

Industry Issues

Telecommunications fraud is one of the major threats to the present day Telecommunications industry. Operators, Carriers and Service Providers are all at risk from fraud and abuse which can have a direct impact on their profitability, network security and capacity and ultimately Customer retention. Telecom frauds are dynamic in nature and continue to grow in sophistication. Major fraud attacks are undertaken on global scale and if not prevented result in a damaging drain of revenues in a very short time span of network activity.

Fraud presents a truly high-level attrition rate, requiring fast and efficient detection and prevention to avoid erosion of precious and hard earned margins.
Technical Information

- Platform Independent, the system can be run on HP UNIX, Sun Solaris or Intel Linux hardware configurations.
- Scalable architecture is capable of processing low or extremely high volumes of event per day.
- Flexible data normalization component and comprehensive event and customer data API's enabling a wide variety of data feeds.
- Web based GUI built to work with standard web browsers.
- Open Architecture Oracle Database.

Service Features & Description

- Highly advanced hybrid system that uses a combination of intelligent and unique detection techniques within its processing engine.
- Modular in design to enable staged or precision implementation, focusing on the needs and requirements of operators, which allows growth and scalability to be simply achieved.
- Multiple data feeds acceptance, which allows all types of services to be monitored (Fixed, Mobile, Interconnect, IP etc).
- Easy addition of new data feeds as per requirement hence ensuring fraud detection capabilities for new products as well.
- Flexible in all aspects of system use such as fraud rule design and creation, case management workflow and report generation.
- Event fingerprinting that enables the detection and identification of fraudsters and criminal activity simply and accurately, giving operators the ability to effectively identify fraud issues.
- SMS and IP content monitoring facility to provide fraud detection for E-commerce and next generation technologies.

Service Benefits

- Future proof detection capabilities for all service types.
- Accurate fraud detection specific to an operators needs and requirements.
- Flexibility in approach and control for an operators fraud management team.
- Unique fraud detection capabilities providing unrivalled detection capabilities.
- Improved efficiency and effectiveness of fraud team via integrated case management.
- Effective management capability by user configurability control and integrated reporting.
- Cost effective scalability and performance, due to multi-platform capability and processing methodology.
- Able to operate in real time or near real time as required allowing flexibility of operation.