



# CREDIT CARD FRAUD PREVENTION



## OVERVIEW

RISKSECURE™ is a powerful risk management and fraud detection solution designed to detect and alert suspicious behavior. The RISKSECURE™ system provides fraud detection and analytical tools to identify high-risk activity and allow analysts to make informed decisions quickly and accurately regarding the status of the account. This early detection results in a substantial reduction of charge-backs and fraud losses. In addition, RISKSECURE™ provides a suite of system management functions for prioritizing and organizing the workflow of alerts for review and measuring the performance of the risk model and the efficiency of the analysts.

## SCORING ENGINE

RISKSECURE operates in both online and batch mode. The RISKSECURE™ application which implements the neural network fraud model, is in operation at many financial institutions around the world, running on a Windows platform. The RISKSECURE™ includes neural network pattern-recognition software, a custom risk policy model developed using card (credit and debit) transactional data and History Database. This is used to generate features (inputs to the neural model) and to quantify changes and trends in short-term and long-term activity. When an activity is assessed as a high-risk or matches a fraud detection rule, it is tagged as an alert and routed to the RISKSECURE™ Dashboard system.

## ADMINISTRATIVE ENGINE

The administrative system provides the ability to create and deploy targeted fraud detection rules, define workflow and queues for analysts and generate reports on the merchant portfolio. The Case Management Module provides a wide range of fraud control functions.

RISKSECURE™ database RiskWare is used for review of fraud alerts and historical behavior as well as the creation and refinement of fraud detection rules. The RISKSECURE™ database typically contains up to 90 days of transaction history, previous fraud alerts, the fraud detection rule set in the production environment and information regarding RISKSECURE™ system and analyst performance. RiskSecure consults with our clients to define which transaction information and data elements will be displayed within the RISKSECURE™ Supervisor and Case Management screens. Generally speaking, any transactional information that is available in the RISKSECURE™ database or present in the transaction data can be displayed on the client screens.



# RISKSECURE™ REPORTS

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The RISKSECURE™ system provides a comprehensive set of pre-defined reports related to fraud detection and system performance.

Further, it offers a Report Wizard to enable acquirers to define particular report parameters such as time period, merchants, reviewer

and a number of others. RISKSECURE™ has a comprehensive

report object facility, enabling the deployment of additional without significant development.

### STANDARD REPORTS INCLUDED IN THE RISKSECURE™ CREDIT CARD SUITE :

- Detection Accuracy
- Total Fraud Losses
- Rule Performance
- Reviewer Performance Summary by Date / Reviewer
- Transactions Scored
- Merchant Activity Review
- Action Reports by Date
- Actions by Team/Reviewer
- Reviewer Audit
- System Audit
- Queue Status



Offices in: Johannesburg/Durban/Gulf/Dubai  
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