Electronic payment transactions have surged during the last few years — and so has the incidence of debit and credit card fraud, estimated by MasterCard and Visa to exceed US$10 billion worldwide annually. Organizations face enormous increases in counterfeit and card-not-present (CNP) fraud, as well as the potential undermining of the currency of payment cards and the businesses they enable. Thus, they need to employ more effective fraud detection solutions that also easily integrate into the system environment, significantly increase and maintain service levels and decrease expenses associated with reducing fraud losses.
ACI PROACTIVE RISK MANAGER’S™ ABILITY TO ACCURATELY IDENTIFY CARD FRAUD ALLOWS USERS TO IMMEDIATELY RECOGNIZE FRAUDULENT BEHAVIOR.

THE ACI PROACTIVE RISK MANAGER™ SOLUTION
ACI Proactive Risk Manager™ for Debit and Credit Card Fraud Detection is a complete fraud detection solution to manage risk in online and offline card environments. Proactive Risk Manager combines the power of expertly defined rules with a custom-trained neural network model for fast, accurate and flexible response to the evolving and growing nature of issuer card fraud.

Through its custom neural-network technology, Proactive Risk Manager compares the characteristics of each transaction with the custom fraud model and recorded patterns of behavior for every account holder it sees. It then assesses and scores the risk in near-real or real time for each transaction using a variety of advanced algorithms, parameters and accumulated statistics. In addition, Proactive Risk Manager provides reviewers with precise reasons for the score, improving transaction analysis.

Proactive Risk Manager provides comprehensive Microsoft Windows-based workflow management capabilities to fraud management, with expert rules-based strategies at the core of this process. This component builds on the fraud expertise of the staff by allowing the creation of real-time rules. Transaction activity matching a rule generates alerts, which are delivered to reviewers via a user-friendly Java client interface. A comprehensive set of tools enables supervisors to direct workflow and manage reviewers. Proactive Risk Manager captures and maintains statistics on fraud savings and losses and reviewer and model performance to provide valuable management information.

Proactive Risk Manager has built-in interfaces to a number of ACI products, including the ACI Case Manager™, ACI Retail Commerce Server™, BASE24®, BASE24-eps® and ACI Money Transfer System™. Proactive Risk Manager also interfaces with other third-party list checking, contact resolution and internet security and online fraud products.

IDENTIFY AND REDUCE DEBIT AND CREDIT CARD FRAUD
Proactive Risk Manager’s ability to accurately identify card fraud allows users to immediately recognize fraudulent behavior. The system sends alerts immediately, often within seconds of attempted fraud, allowing reviewers to take defensive action on high-risk transactions and greatly reduce potential losses.

FEATURES AT A GLANCE

- Conducts both near-real-time and real-time fraud checking
- Offers 24x7 customer service and support worldwide
- Provides comprehensive workflow functionality to manage alerts
- Analyzes all transaction and customer information for comprehensive fraud analysis
- Detects counterfeit activity with a point-of-compromise manager
- Provides single and multi-institution capabilities
- Offers EMV and multi-currency capabilities
- Provides rules-based strategies that match activity against a set of user-defined conditions to identify suspicious behavior, allowing organizations to react quickly to emerging fraud
- Provides early warning of suspect activity with powerful neural network models, reducing fraud and limiting the impact on account holders
- Utilizes an easy-to-use Java-based client interface to automate workflow management, increasing reviewer performance
Proactive Risk Manager provides real-time scoring and rules, allowing issuers to decline transactions at the point of sale to stop fraud immediately. The solution's point-of-compromise detection features allow users to identify common purchase points and alert users to activity at known compromised merchants.

**DETECT FRAUD DURING AUTHORIZATION**
Proactive Risk Manager monitors all of a customer's transactions in real time to help detect fraud during authorization, so users can incorporate fraud risk management into the authorization process and thus prevent losses from occurring. The solution also helps combat fraud in SEPA and faster payments environments, including U.K. Faster Payments.

**PROTECT THE INSTITUTION AND ITS CUSTOMERS**
By attacking fraud as it occurs, Proactive Risk Manager’s behavior-based fraud detection model allows organizations to protect their customers from various types of fraud and account takeover as well as from identity theft. This enables financial institutions to minimize negative effects on customers and protect the institution's brand and reputation.

**THE ACI ADVANTAGE**
ACI Proactive Risk Manager is used to address risk management needs at customer sites worldwide, and the solution protects customers in over 45 countries. With more than 35 years of experience in EFT processing and transaction security, ACI Worldwide is the recognized leader in processing electronic payment transactions.

**FLEXIBLE RULES ENGINE**
Proactive Risk Manager’s flexible rules engine allows users to write rules to match existing and emerging fraud trends without the need for technical resources. Users can easily modify existing rules in the system as well as segment and filter rules to match operational strategies. Rules can be either simple or complex, and users can change and deploy rules instantly to combat new fraud trends.

**OVERALL SYSTEM FLEXIBILITY**
Proactive Risk Manager’s flexible nature allows users from institutions of any size to gain maximum benefit from the system. The solution’s architecture, interface and documentation enable users to make changes to the system rapidly to stay abreast of emerging and evolving fraud schemes.

Proactive Risk Manager’s flexibility enables it to integrate into an institution’s current environment, so users can leverage their existing hardware and software architecture. Proactive Risk Manager also operates on industry-standard platforms, including IBM System z, IBM System P, Oracle Solaris, and Microsoft Windows.
ACI Worldwide, the Universal Payments company, powers electronic payments and banking for more than 5,000 financial institutions, retailers, billers and processors around the world. ACI software processes $13 trillion in payments and securities transactions for more than 250 of the leading global retailers, and 21 of the world’s 25 largest banks. Universal Payments — UP — is ACI’s strategy to deliver the industry’s broadest, most unified end-to-end enterprise payment solutions. Through our comprehensive suite of software products and hosted services, we deliver solutions for payments processing; card and merchant management; online banking; mobile, branch and voice banking; fraud detection; trade finance; and electronic bill presentment and payment. To learn more about ACI, please visit www.aciworldwide.com. You can also find us on Twitter @ACI_Worldwide.