



JWARE TECHNOLOGIES

Flexible and Reliable Secure Transaction and Payment Processing Software Solutions

JWARE Fraud Detector

While chip and pin are good protection, criminals move quickly to where the bank is more vulnerable.

In the UK Card Not Present fraud is up 29% since the introduction of EMV.

In 2005 the global payments industry would have been exposed to \$60 billion in fraud. This figure can be reduced to \$38 billion with the judicious use of anti-fraud software.

source: Meridian Research

Achieve dramatic reductions in card fraud the second that JWARE Fraud Detector goes live.

JWARE Fraud Detector is a real-time, rules-based, anti-fraud software solution that starts working the moment it goes into production. It can do this because unlike most software, Fraud Detector relies on velocity detection that enacts rules, as opposed to history, to provide effective fraud detection. Of course history helps, and over time can be incorporated into the Fraud Detection solution so that it continually becomes stronger.

JWARE Fraud Detector is so simple to use that your fraud analysts will be able to define rules and manage alerts without any technical skills or help. They also have access to real-time information from a web-based administration interface that features an information rich dash-board.

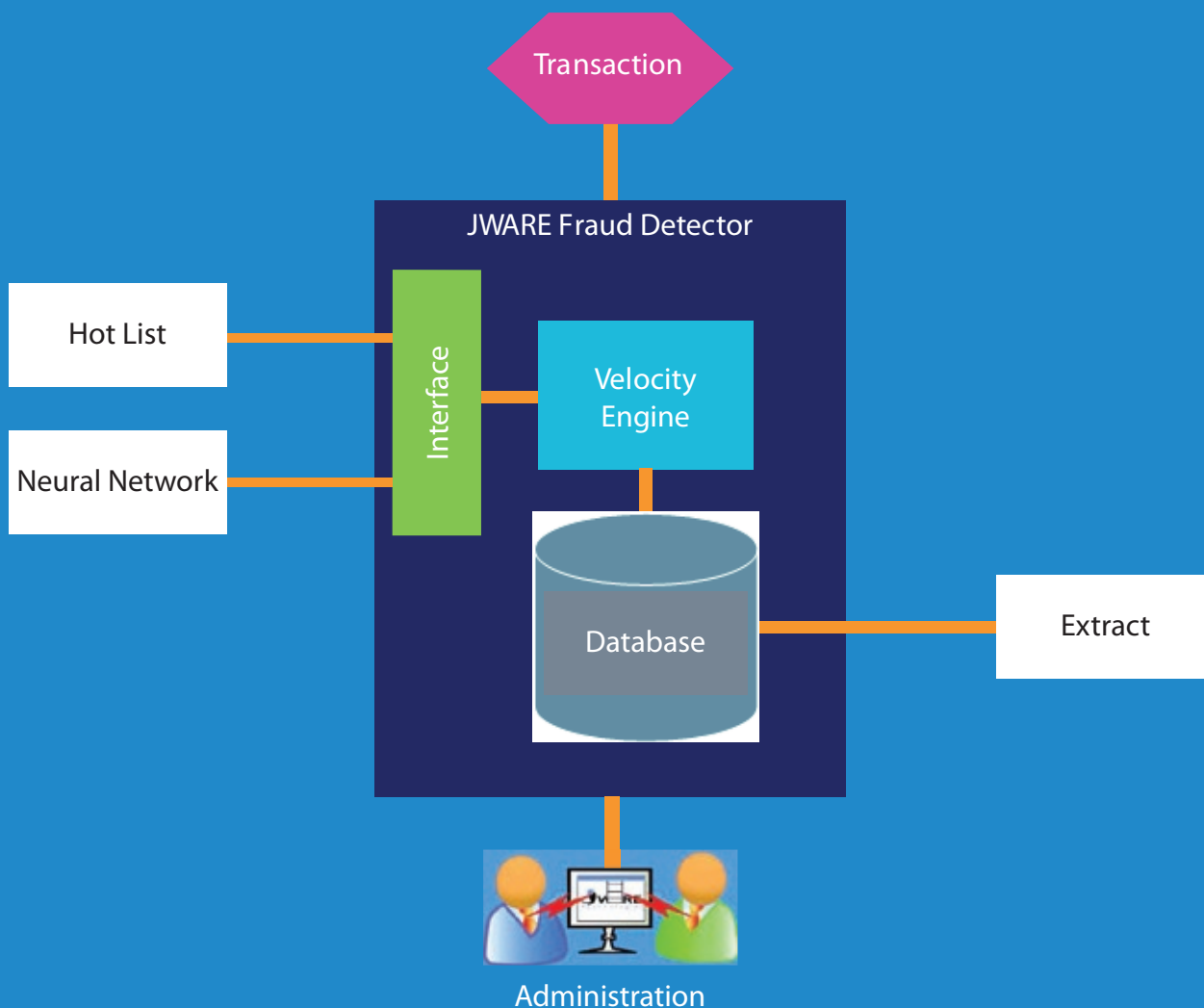
Like all JWARE Software, Fraud Detector is built with JAVA/J2EE. This gives it ultimate portability so it can integrate into your existing infrastructure and can be combined with JWARE or other vendor's authorization switches. For even greater protection Fraud Detector can be combined with an external neural network and with Hot Lists.

Fraud Detector provides in-expensive, quick and effective fraud protection and is ideal for card issuers, acquirers, processing centers, retailers and other actors that have incoming messages that can benefit from velocity detection.

JWARE Fraud Detector should pay for itself in less than a year.

Features

- Intuitive to use with on-line help
- Pre-defined rules are available in the standard configuration
- A rules library that is easy to generate and manage
- Fast rule creation with an easy to use rule template
- Rules can be tested externally and imported into production without system shutdown
- Ability to operate in on-line real-time, near real-time or batch mode
- Supports multi-level event processing, multi-calendars, multiple feed from several authorization systems, multiple feed from Hot Lists, multilingual, multiple libraries
- Can be applied to all incoming messages by simple configuration rather than coding
- Can also be configured to detect RISK



The **Velocity Engine** is the heart of JWARE Fraud Detector. It features intuitive rule creation and simple non-disruptive maintenance.

Rules can be added in real-time without system shutdown or re-start

- Hundreds of rules can be processed in a fraction of a second
- The solution self-monitors and flags for tuning those rules that do not meet performance criteria
- Advanced rules calculation to combat against fraud (scoring)

An **Interface Module** manages communications with external systems

The **Extract Module** performs the extraction of data activity records from the transactional log-files

Administration provides the ability to visually manage rules and oversee the system:

- Alerts that can block transactions, initiate referrals, and or capture cards
- Full Tracking ability to enable investigation and commentary of alerts
- Includes a monitoring function that displays resource availability, a histogram of triggered rules and transaction statistics
- A Rules Effect Simulator allows you to check rule effectiveness off-line

All changes are securely logged for audit purposes

- System up/down times are recorded
- Messages are SAFed if the system becomes unavailable
- Query and display transaction log files and alerts
- View entities data for merchants, cards, devices, etc.