

# Transaction Monitoring

## Rule-based system to analyze the plausibility of all transactions

Pythagoras Transaction Monitoring takes client information from the Pythagoras database with transaction information from the accounting system and processes them together through a pre-determined set of rules. These rules are defined by your organisation; any deviation from normal or plausible transactions will be alerted and can be documented. Integration with the Partner Screening and Transaction Screening modules in Pythagoras Solutions enables a detailed picture of the financial circumstances of clients, all while fulfilling regulatory requirements at the same time.

## Key Features

- Multiple groups of rules available, based on practical experience in the financial industry
- Analysis of business cases regarding plausibility to detect abnormal activities
- Flexible and transparent configuration of rules, parameters and limits, to fit any scenario
- Option to integrate Client Profile, build peer groups, define individual limits and link all data in the system
- Deployed solution ensures data security, no internet connection required
- Multiple Languages for user interface

## Main Advantages

- Daily update with accounting data ensures timely detection of anomalies
- Standard set of rules can be selected or individual rules specifically configured according to in-house risk management and procedures
- Workflow and task assignment for follow up on alerts and documentation requirements
- Automatic report generation in various formats possible, such as Excel, PDF, csv
- Definition of dependencies and correlations between various rules
- Detection of unusual flow of funds over a period of time (e.g. smurfing)
- Set up of peer groups of clients to compare transactions with an average of the group

### Examples of rule groups regarding:

- Cash Transactions
- Country Risk
- Unusual amounts or timing
- Smurfing
- Inactive or dormant accounts
- Loan repayments
- Flow through transactions

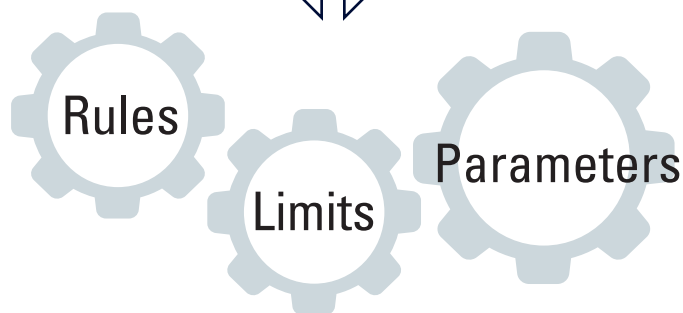
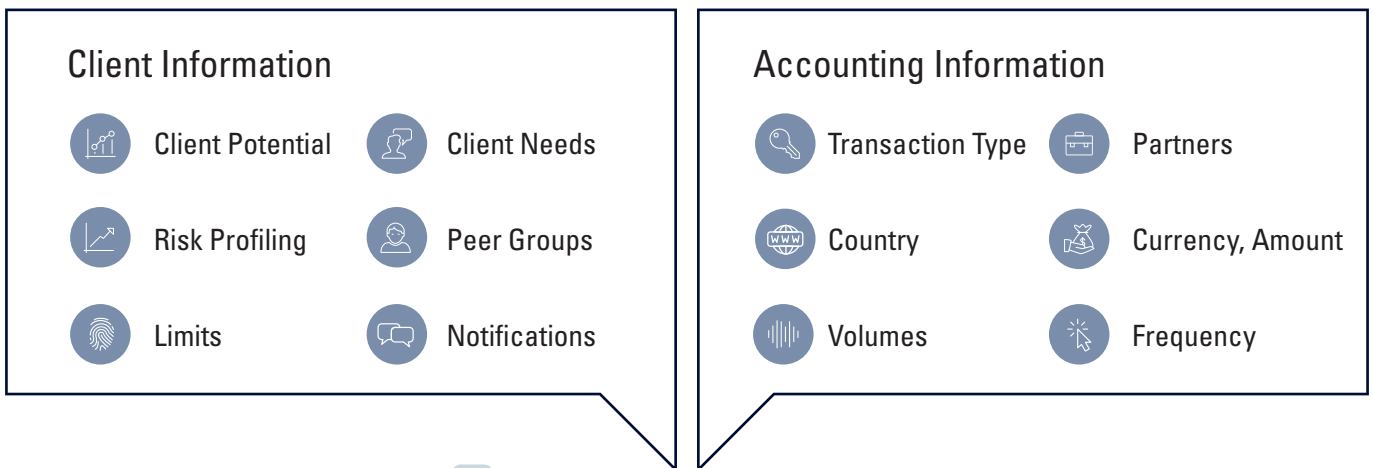
## How it Works

Pythagoras Transaction Monitoring builds on the vast data available about the clients and all their transactions, leveraging the other modules of Partner Screening (KYC) and Transaction Screening (AML) to great advantage. By defining what is “normal”, everything “abnormal” can be flagged by the system.

An initial detailed discussion with your compliance leads to an analysis of your business cases and risk management system. Based on this understanding, together we will define a rule system for detection of unusual transactions and business cases for your circumstances.

With your compliance, we either select out of a large set of predefined rules, or individually design the required rules to fit the goals of your transaction monitoring. Rules, parameters and limits can be defined globally, by client groups or on an individual level, depending on the available detail of data within your organization.

The accounting information is imported daily with a simple XML file transfer and processed through the rules system. By comparing all data with expected or allowed transactions, non-plausible events will be flagged with different types of alerts. The alerts can be analysed, processed, summarized in reports and all actions are documented for reference and audit purpose. After clarification the client data can be updated with either reason of the exception or new limits, according to your procedures.



Alerts and Notifications      Analytics and Reports