

***Quantis***

**Fund Management System**



**Comprehensive suite supporting entire Funds management lifecycle**

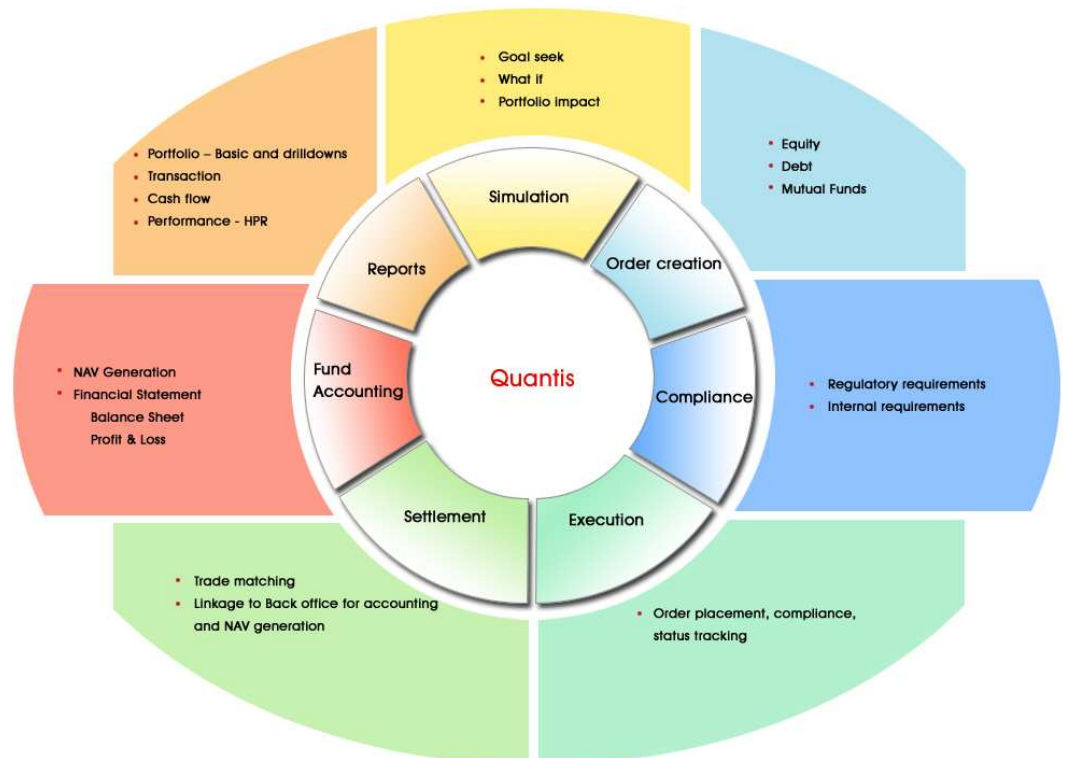
## Quantis Overview

**Quantis** is used by investment managers for order management, trading, compliance and processing of capital market transactions. **Quantis** has been validated by leading market players and allows for significant improvements in operational efficiency and reduction of risk, freeing investment managers to do what they like doing best.

The application allows for end-to-end operations: from order management to NAV generation. Strong compliance rules and workflow are integral to the product. The product uses industry-standard technology to ensure that the product is scalable, robust, easy to implement and integrate with other systems.

There is innovative use of the Windows interface empowering the user with unlimited control over the way trade data and reports are viewed. The front end graphical user interface (GUI) has been built using Microsoft technologies and the relational database is Oracle 9i /10g.

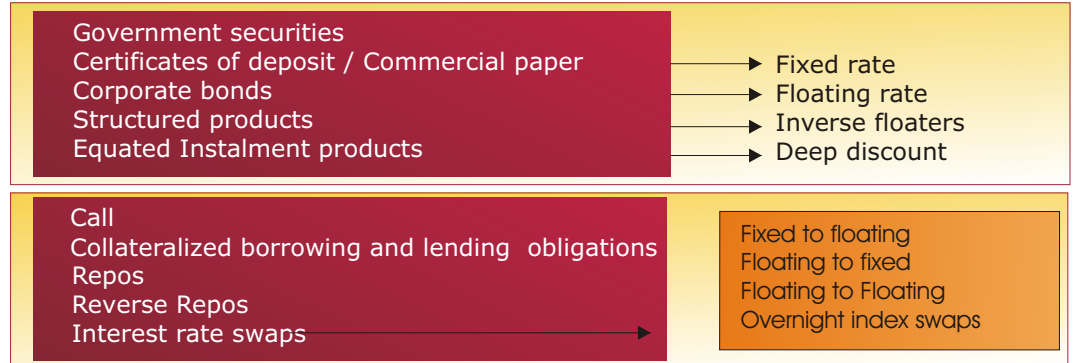
**Quantis** is built with the levels of security required to run a mission critical application. Access control mechanisms are sophisticated and define what functions various users can do and also what data they can access. Built in audit functionality with user friendly reports provides greater control by retrieving events even after changes have been made.



**Ability to deal in different asset classes**

The different instrument categories that the fund manager can deal in include the following:

**Debt Family**



**Equity Family**



For recording **debt instruments** details, the application allows the user to define principal repayment schedules, premia/ discount on principal payments; interest accrual methodologies (30/360; Actual/Actual; Actual/365; Actual/360), interest structures like fixed, floating, deep discount, inverse floater, step-up and step-down rates as well as put and call options on principal payments. Quantis allows for the capture of multiple ratings for the same instrument with the user having the power to choose which rating to use for reports. All these features allow for a powerful tool to structure debt instruments.

Quantis allows for the **equity instruments** to be listed on multiple exchanges and allows for the user to determine the exchange to use for valuation and display.

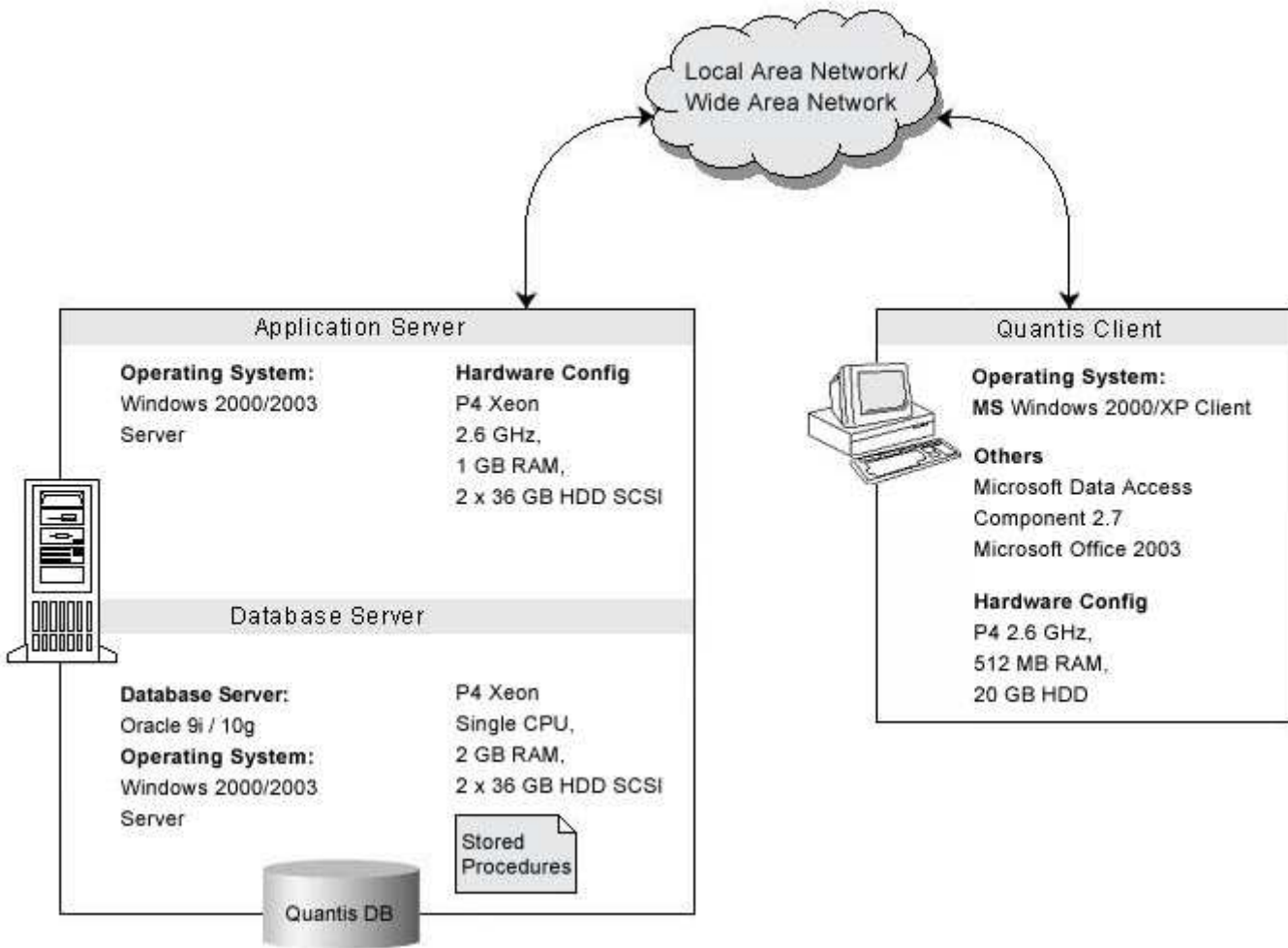
**Mutual fund units** including fund of funds units can be recorded in the product.

Quantis is a **multi-currency** capable application and hence these instruments could be in different currencies.

## Key Features

- Analytics
- Comprehensive Order Management Process for dealing and settlement with integrated workflow mechanism for acceptance and rejection
- Straight Through Processing for equity trades confirmation with generation of outgoing files in ISO format
- Fully parameterized limits setting module to cater to the internal compliance and regulatory norms
- Online limits monitoring at the time of deal entry
- Computation of critical financial parameters like yield, duration, modified duration, convexity, average maturity etc.
- Computation of key performance measures like absolute returns, volatility, Sharpe ratio, Treynor ratio, Sortino ratio etc.
- Integrated Cash Management module for keeping track of bank account wise physical cash balances
- Integrated fund accounting module with the capability of generating scheme wise NAV
- Capability of generating NAV without using Fund Accounting
- Integrated with various third party fund accounting packages in case only the front and mid office modules of Quantis are used by the client
- Integrated with external data providers (online & offline) for prices, yield matrix, corporate action data etc.
- Plethora of reports
- Capability of generating various types of communication letters like deal ticket, custody letters, counter party confirmation letters, RTGS transfer letters etc.
- Follows Four Eye Principle
- Audit trail maintained for every data point in the application
- Strong user defined access control policies

## Deployment Architecture



- ◆ The application server and database server requirements are of minimum configuration
- ◆ Allows application security of users logging in the application which includes features such as password encryption
- ◆ Allows configurable password controls in the application such as minimum length, character set, mixed case, reuse restriction
- ◆ Verification and Validation of data received from all external data sources
- ◆ Maintain logs security-related events in the application (such as sessions established, failed logon attempts, changes to security data, administrator actions, etc.)

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