ETS

ETS

The Excel Treasury &
Portfolio Management System for Dealing
Rooms of Banks and Corporations

EXcel
TECHNOLOGY

ETS – The Excel Treasury & Portfolio Management System

The Excel Treasury & Investment Management System (ETS) is a fully integrated front-middle-back office treasury system that provides full coverage of capital markets and derivatives instruments. It also provides comprehensive credit risk and market risk controls to support sound and effective governance of the treasury operations in a bank or corporation environment.

- The front office functions mainly cover deal capture (electronically or manually), validation, approval as well as position update, cash flow projection, sensitive and exposure analysis.

- Mid office functions mainly cover limit management and compliance checking.

- Back office functions offer a comprehensive set of settlement functions, including the generation of SWIFT message for confirmation and settlement. Also included daily revaluation, book cost calculation, mark-to-market, yield and P&L calculation etc.

Key Features

- **Product Coverage**

ETS supports a broad coverage of treasury products including money market, fixed income, FX, derivatives and structured products.

- **New Product Support**

Product support in ETS is flexibly configurable, that is, product characteristics, settlement details, and valuation approach etc. of new products can be set up in the system easily with the user defined functions.

- **External Data Sources**

Many of the confirmation, settlement and corporation events can be automated by capturing the electronic data from external sources such as the Reuters and Bloomberg platform, or customized sources such as specific agents or brokers.

- **Effective Governance Controls**

ETS has many built-in governance and control features, such as maker-checker structure, approval steps, limit and exposure controls etc, which are essential tools in managing counter-party, credit and operational risks in the treasury business today.

- **Straight-thru Processing Capabilities**

The most significant value of ETS is that it provides truly Straight-Through Processing (STP) as a fully integrated treasury portfolio management system, covering front, middle, and back office functions.

ETS builds on a single platform with single database, eliminating the confusions and reconciliation problems created by fragmented treasury systems running in separate silos. This greatly enhance the efficiency of users in performing their tasks such as investment analysis, risk management, valuations, account postings, reconciliation, or tracing all the events of individual deal details as no data needed to be input twice in any steps.

- **Portfolio Management**

In ETS, investment portfolios can be constructed for direct investment or can be used for grouping of financial assets held by customers (investors). A very flexible, 5-level, portfolio structure can be configured by users, and each portfolio can be measured and analyzed with these functions :

- Portfolio Valuation
- Internal Rate of Return
- Portfolio Holding Analysis
- Asset Allocation
- Cashflow Analysis
- Risk Factors

- **Finance and Accounting**

ETS offers a comprehensive set of finance and accounting functions. Product and performance management activities such as daily revaluation, book cost calculation, mark-to-market, yield and P&L calculation are all done automatically according to self-defined rules.

Accounting functions are also a strong point of ETS. ETS accounting module supports true multi-currency accounting and comes with a rule-based GL generation engine. The GL engine will generate the necessary GL entries on event dates throughout the deals life cycle such as trade dates, value dates etc., according to the trades' fair value categories and the posting rules definition as defined by users. It allows the accounting and GL details to be done automatically with no human intervention.

- **Summary**

ETS, Excel Treasury and Portfolio Management System, is an integrated treasury system which offers Straight-thru-processing capability in managing trades and activities in a dealing room environment. It is a cost effective solution used by a monetary authority as well as commercial banks in China and Hong Kong.