

## **Beans TradeEngine**

The technology, Beans TradeEngine, is a software-modeling platform that is used to price derivatives across different asset classes and enables quantitative analysis and risk management for banks, funds, corporate and federal treasuries.

The chief pain addressed by this technology is the risk associated with derivatives investment and the uncertainty in valuing them. They can be extremely complex and difficult to value, and by most accounts they are at the heart of the current economic crisis. The risk is often due to the fact that the value of a derivative is not the value of the underlying asset but some aspect related to that asset.

The market for this technology is a sub-set of financial software simply called Derivatives Software. This is a global market with 5 or 6 leading competitors and countless small companies. The total market potential is estimated between \$400M to \$700M USD. Growth rates for several individual companies in the market have ranged from 30% to 50% annually for several years running.

### **Salient features**

- The chief pain addressed by this technology is the risk associated with derivatives investment and the uncertainty in valuing them
- Highly optimized technology / quantitative solution
- Accurate risk assessment

### **Areas of application**

- Financial management
- Management of risk associated with derivatives investment and the uncertainty in valuing them
- Pricing of complex derivative investments and managing investor risks

### **End users**

- Banks
- Insurance companies
- Large fund houses, fund managers
- Corporate treasuries
- Brokers

- Traders
- Financial research houses
- Government treasuries