



OpenSight is the name of our multi-tier architecture, designed to deliver decision-making support tools to our customers, major players in the finance industry, leveraging on cutting-edge information technologies.

Our architecture's flexibility allows us to exactly answer your needs, underpinned with mathematic models, either standard or customized, adjusted and calibrated as you wish.

Powered by a high-performance Monte Carlo simulation engine, our software integration layer allows you to rely on a stunning calculation power within your day to-day management tools.

COMPUTING ENGINE

Module Name	Open Sight Engine
Technology	GNU C++, Nvidia CUDA, Linux environment, RedHat Enterprise Linux 5 distribution
Appearance	Command line Linux executable file
Functionalities	Monte Carlo simulations server; listening of port dedicated to incoming messages; messages interpretation and invocation of massively parallels treatments; results return.

USERS INTERFACE

Module Name	Open Sight Service Tray
Technology	Microsoft .Net, Framework 2.0, use of Dev Express' components
Appearance	Icon located in the toolbar, functionalities accessible from contextual menus
Functionalities	Management of implementation service; data and parameters administration of application program and users rights; follow-up and adjustment of mathematical models' parameters calibration; consistency checks; planning, follow-up and administration of night batch treatments; functionalities execution in interactive mode given each business need.

INTEGRATION COMPONENT

Module Name	Open Sight Component
Technology	Microsoft .Net, Framework 2.0
Appearance	Dynamic library (.dll & .tbl) files
Functionalities	COM interface allowing OpenSight treatments calls appropriate to each business needs from other applications as Microsoft Excel; manage dispatch and reception in asynchronous mode of XML messages via TCP/IP connections to and from the application engine

APPLICATION SERVICE

Module Name	Open Sight Service
Technology	Microsoft .Net, Framework 2.0
Appearance	Microsoft Windows Service application
Functionalities	Manage XML messages from integration components, displayed on user interfaces; dispatch and reception in asynchronous mode of proprietary messages via TCP/IP connections to and from the calculation engine; address received messages towards different integration components.

NIGHT BATCH TREATMENT

Module Name	Open Sight Batch
Technology	Microsoft .Net, Framework 2.0; Microsoft SQL Server 2008 Transact SQL stored procedures
Appearance	Command line Windows executable (.exe) file
Functionalities	Scheduled integration management of data from third party systems ; carry out calibration treatments of mathematical models; conduct calculation attached to each business needs and database storage

DATABASE

Module Name	Open Sight DB
Technology	Microsoft SQL Server 2008
Appearance	Data model (tables and stored procedures)
Functionalities	Contains referential, calibration parameters, calculated values depending on business needs and audit trail data