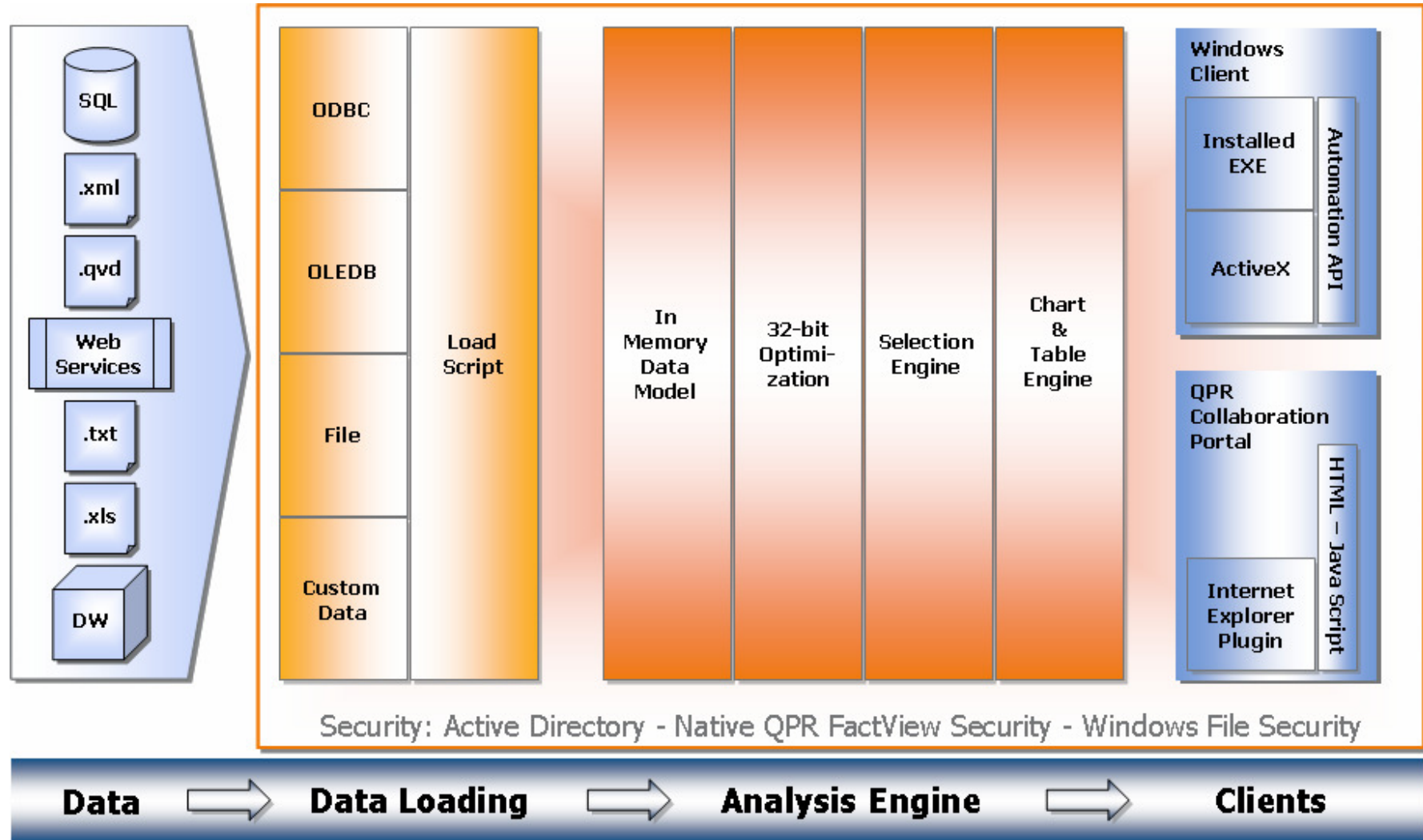





QPR FactView – Technology & Security


Powered by
QlikView™


QPR FactView Architecture

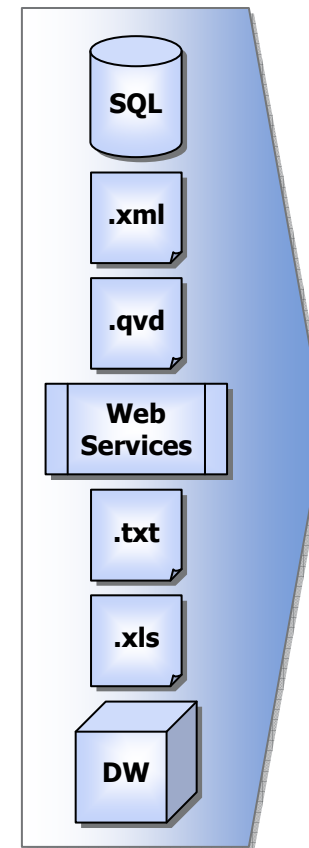


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-  Loads data directly from most data sources and formats

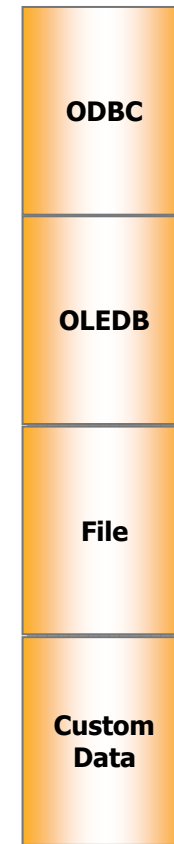
-  Loads data from Data Warehouses and Data Marts but these are not required

-  Extremely fast load times from native QVD file format (up to 4 million records per second)



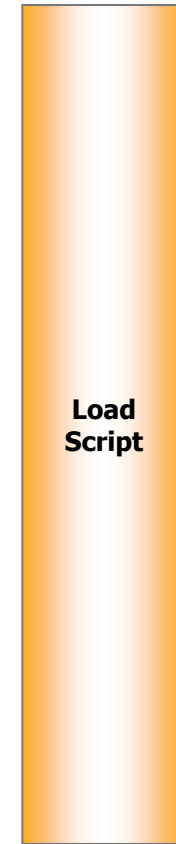
Loading Data

-  Loads data from ODBC and OLEDB sources using vendor specific drivers
-  Loads data from any text or table data file (delimited text files, Excel files, XML files, etc.)
-  Plug-in model for loading custom data sources (web services)






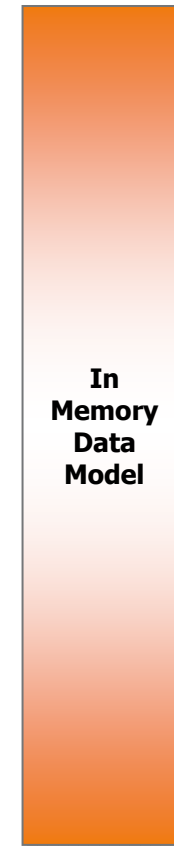
Load Script

- ||| Editor for writing instructions to retrieve data from one or many data sources
- ||| Script and table wizards for intuitive script generation
- ||| 100's of functions for data manipulation and cleansing



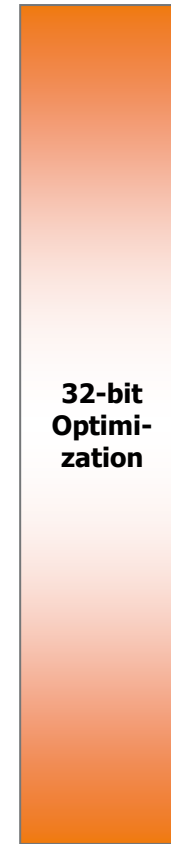
In Memory Data Model

-  The data structure which is the analysis basis for every QPR FactView application
-  Holds all data loaded down on a transaction level
-  Part of the qvw file which is loaded into RAM



Platform Optimizations

- Optimized to run on every available Windows platform
- Optimized to make use of all available processing power for each specific platform
- Optimized to make use of all available RAM on each specific platform



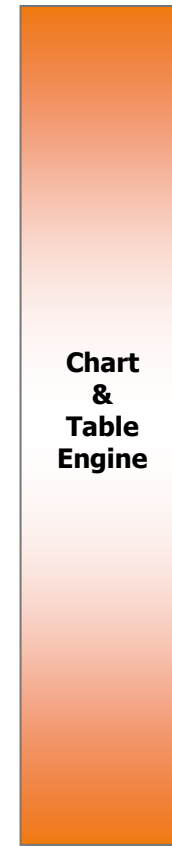
Selection Engine





- Processes the user “point-and-click” and return the associated values to that query
- Provides sub-second response times on queries made to the In Memory Data Model

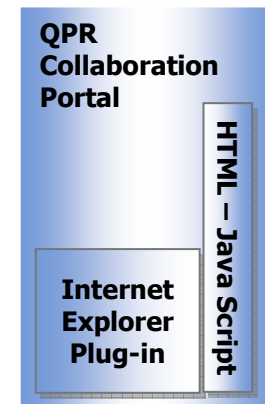
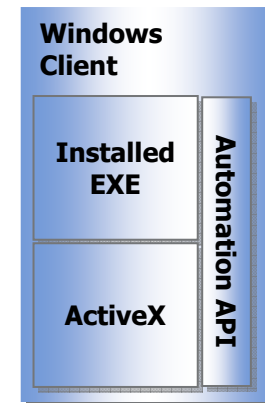


Chart & Table Engine

- ||| Handles the calculations and graphic display of the charts in the user interface
- ||| Calculates multiple cubes in real time (one cube for each graph in application)
- ||| Promotes user selections directly in graphs



-  Installed Windows EXE client for connecting to QPR FactView Server
-  ActiveX component for integration in other software
-  Plugin (ActiveX) for Ms Internet Explorer
-  Open Interface for automated integration with QPR FactView



- Security on multiple levels

- QPR FactView Security in Section Access Module

- Using Windows File Security

