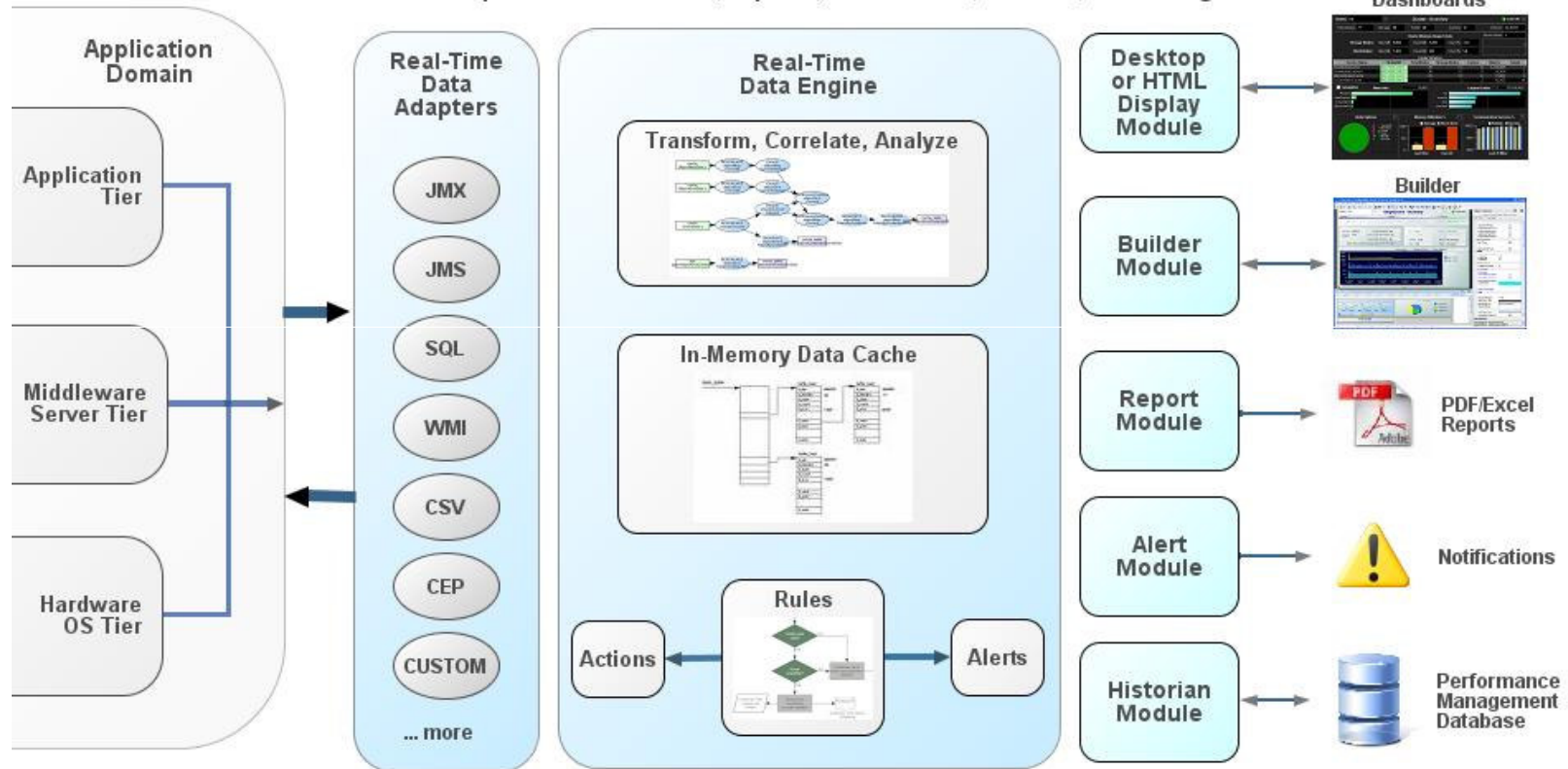# RTView Architecture and Components

RTView Solution - Architecture

The RTView architecture is highly modular. Real-time data adapters collect data events, pass them to a processing engine for analysis and caching. Other modules provide dashboards, reports, notifications, archival, and configuration.

RTView Solution - Components

Component	Command	Description
Builder	run_builder	Display editor used to create the individual RTView displays, including display behavior and display data attachments.
Viewer	run_viewer	Deploys display files as a high-performance, stand-alone Java application.
Viewer Applet	Invoked via Browser (HTML)	(Optional) Deploys display files as a high-performance, compact Java applet, for web and portal access.
Data Server	run_dataserver	Outputs XML data to an unlimited number of RTView clients. Provides centralized access to data.
Display Server	run_displayserver	Generates jpeg images of RTView displays for clients requiring no plugins.
Historian	run_historian	(Optional) Archives real-time data to any database using JDBC/ODBC. Allows comparison of live data to historical data for trend analysis.
Transaction Message Monitor	run_rvtm; run_jmstm	(Optional) Performs various calculations on commonly used metrics for user-defined TIBCO Rendezvous/EMS transactions.