



Digital Dashboards for Teamcenter eQube

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What is eQube?



- eQube provides “visibility infrastructure” for Teamcenter / PLM
 - Reporting
 - Ad-hoc reporting
 - BI / Analytics
 - KPI Tracking
 - Digital Dashboards

- eQube allows for
 - Data to be collated from one or more sources (I.e., enterprise applications and / or legacy systems)



UGS and eQ

- Signed a major agreement at the end of Feb 2006
- Allows UGS to market and sell eQube worldwide
 - eQube is also Teamcenter Reporting and Analytics
 - A standard Teamcenter offering





Need

- Data exists in Teamcenter, however the decision makers need
 - To access this data in real-time / near real- time
 - To represent the data as Key Performance Indicators (KPIs)
 - To have KPIs that allow for drill-through capability for root cause analysis
 - To view the data / KPIs from multiple perspectives
 - To view multiple KPIs together for better visibility and decision making
 - Additionally, the data for KPIs may be scattered across multiple systems – legacy systems and it needs to be collated for “single view of data” for decision support

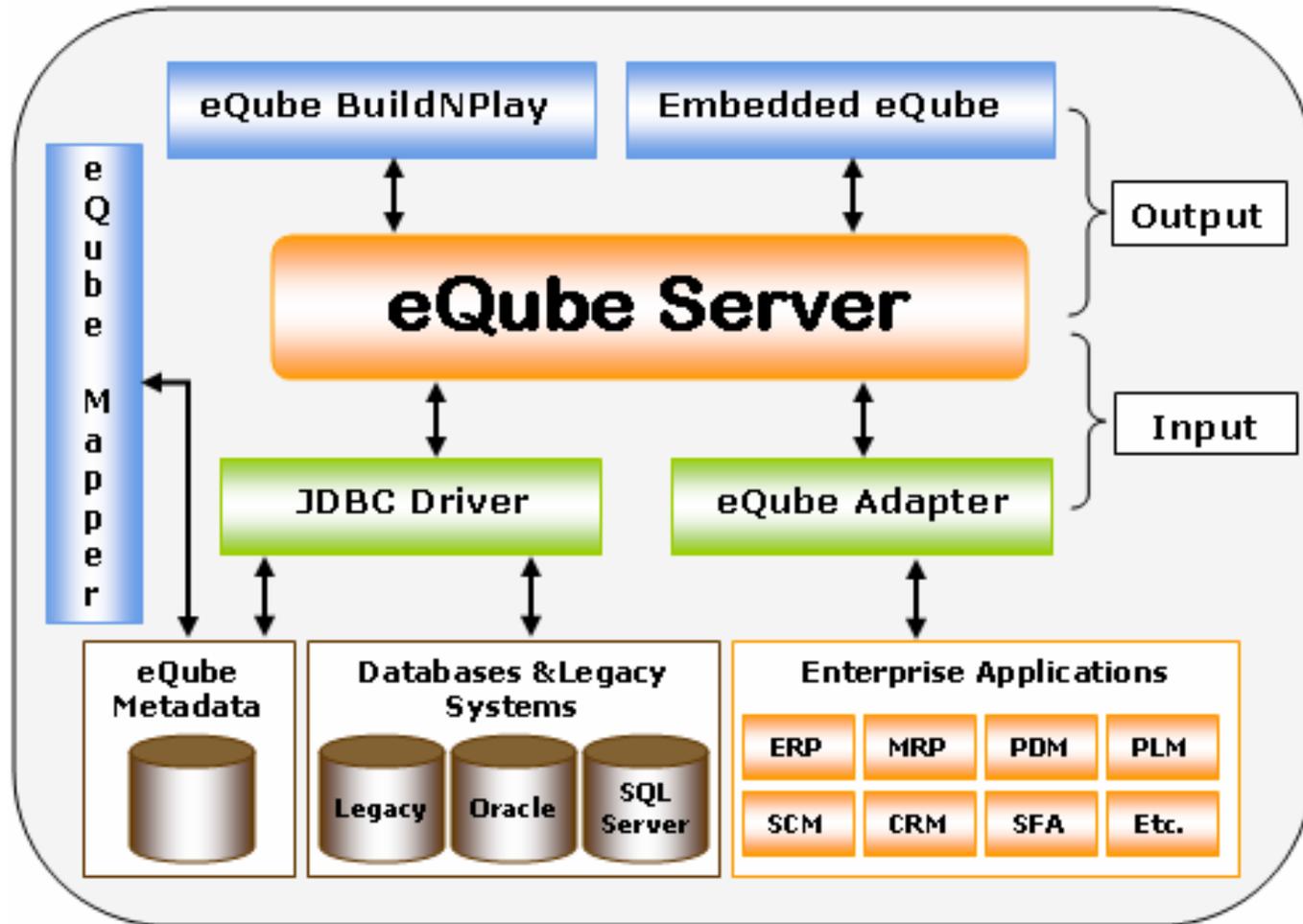


Characteristics of a Solution...

- Should be able to create, update, and manage interactive and intuitive KPIs and Dashboards
- Should be deployed over the web for ease of use, management, speed, and reduced cost
- Should leverage significant investments made in customizing the core enterprise applications
- Should be able to aggregate data from multiple system for analysis
- Should be easy to maintain, upgrade, and extend on an on-going basis
- **Dramatically Lower Total Cost Of Ownership**



eQube Architecture





eQube - Key Features

- Its ability to be a “bolt-on” application to Teamcenter and other enterprise applications with API support
- Built in pure Java with a flexible and scalable architecture
- “Zero footprint” client
- Ease of configuration and deployment in Acceptance environment and then in the production environment



eQube – Key Features contd...

- Strong capabilities to manage the load on the production servers:
 - Role based access privilege model
 - Powerful integrated Scheduler
 - Ability to save “Snapshots” of data
 - Ability to fetch data once and then “slice” it into various “snapshots” in memory

- Ability to create reports in an ad-hoc manner

- Ability to “slice and dice” a “cube” on the fly for better analysis

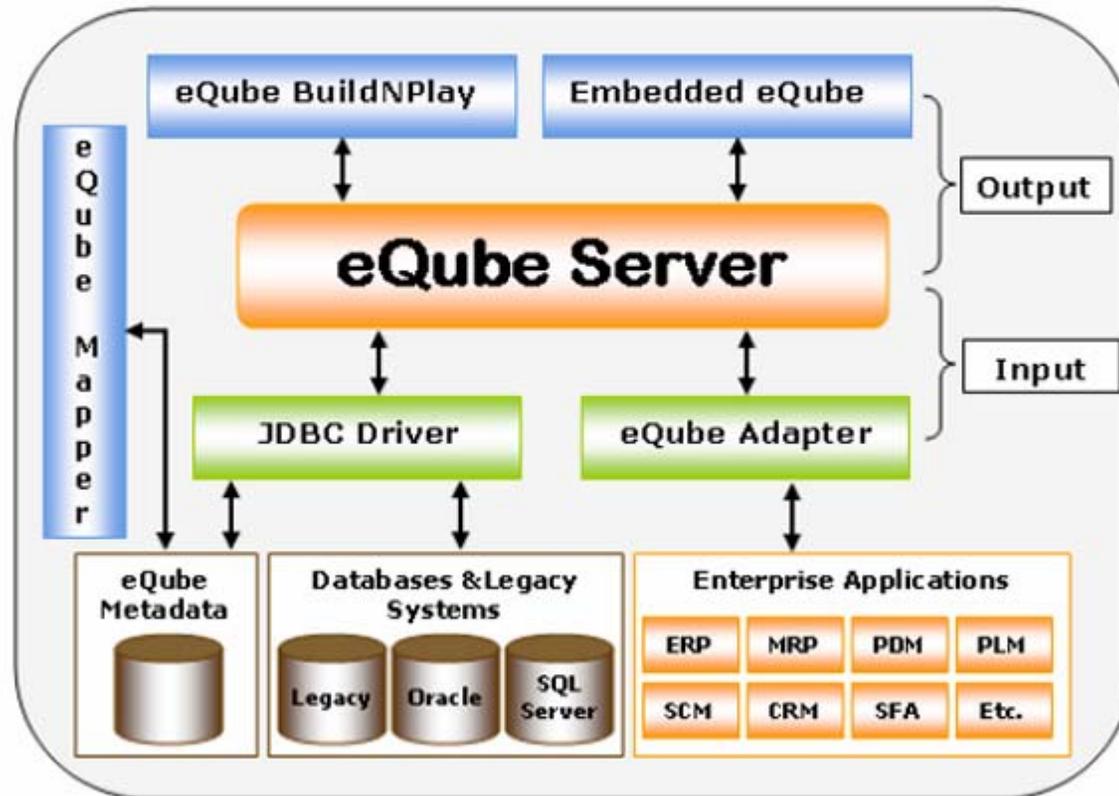
- In-built ability to create Graphs for Key performance indicators tracking



- **eQube Dashboards with Teamcenter AVI...**



eQube – Open Standards based Architecture





Managing load on source data production servers

- eQube capabilities:
 - Integrated and powerful “Scheduler”
 - Ability to save “Snapshots” of data
 - Ability to compare the “Snapshots” of data to identify trends and changes from prior state
 - Ability to enforce “mandatory filters” before analysis can be run
 - Ability to set “Role” based eQube access privileges
 - Ability to “Slice” reports in memory to create “sub-reports” (this can be scheduled)
 - Ability to ‘Refine’ a ‘cube’ on the fly
 - slice / dice
 - bucketing of time dimension



Summary

- Need to track multiple KPIs simultaneously is unprecedented
- Presenting various KPIs together as a Dashboard is essential for effective decision-making
- Dashboards need to be “live” / “dynamic”
- Dashboards are essential for leveraging investments in Teamcenter / PLM





Thank you

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