



Launching of eQube™ Migration & Integration Solution (eQube-MI) with BAE SYSTEMS – Typhoon Program

March 2nd, 2009

eQube-MI Solution most effectively addresses complex business needs of data quality assurance, data correction and repair, data migration, and data integration. eQube-MI Solution is built on top of our proven analytics platform, eQube.

Conventional offerings in the market-place try and address the complex business issues of data quality assurance and data migration & integration by utilizing data ETL (extraction-transformation-load) techniques. These conventional offerings fall substantially short on two critical aspects of Identification of datasets (“I”) and end-to-end validation services (“V”).

Late in the year 2008, BAE SYSTEMS chose eQube-MI Solution as their preferred solution to address the complex data migration and data integration needs on the Typhoon program. **eQ is launching eQube-MI Solution in the market with BAE SYSTEMS as the first launch customer.** The world-wide commercial launch of eQube-MI Solution is targeted for April 2009.

To enable the effective through-life management of the Advanced Military Aircraft, Eurofighter Typhoon, BAE SYSTEMS Military Air Systems Division selected the PLM application (Teamcenter). The application will replace the existing PDM system, a number of bespoke and in-house developed engineering systems and will be integrated to fourteen existing applications. Late in 2007 the complex application integration element of the programme commenced. The initial chosen approach was to exploit the Teamcenter API’s through developing customized adaptors for each interface. Due to many implementation limitations, this approach was dropped. Subsequently, a Red Team consisting of BAE SYSTEMS and their software and services providers was established to evaluate possible solutions and make recommendations on the approach most likely to achieve the business objectives of Typhoon PLM integration to go live in 2009.

Based on the technical evaluation, the Red Team initially recommended an approach that would expose a single reusable interface that accesses a number of services exposed by a system acting as a service provider. This approach although substantially better (from an implementation and through life cycle maintenance perspectives) than the initial approach, still required the development, deployment, and maintenance of a customized Teamcenter module.

eQube-MI Solution based approach requires **no customization** to Teamcenter. It provides the necessary capability of describing each transaction logic in eQube-MI Solution using the eQube MLVs (meta- language views) and high-level scripts. This flexible capability not only reduces initial efforts but dramatically reduces maintenance efforts of each transaction over its life.

Following an evaluation of the eQube-MI solution, BAE-MAS selected the eQube-MI solution based approach to address their complex data migration and integration needs.