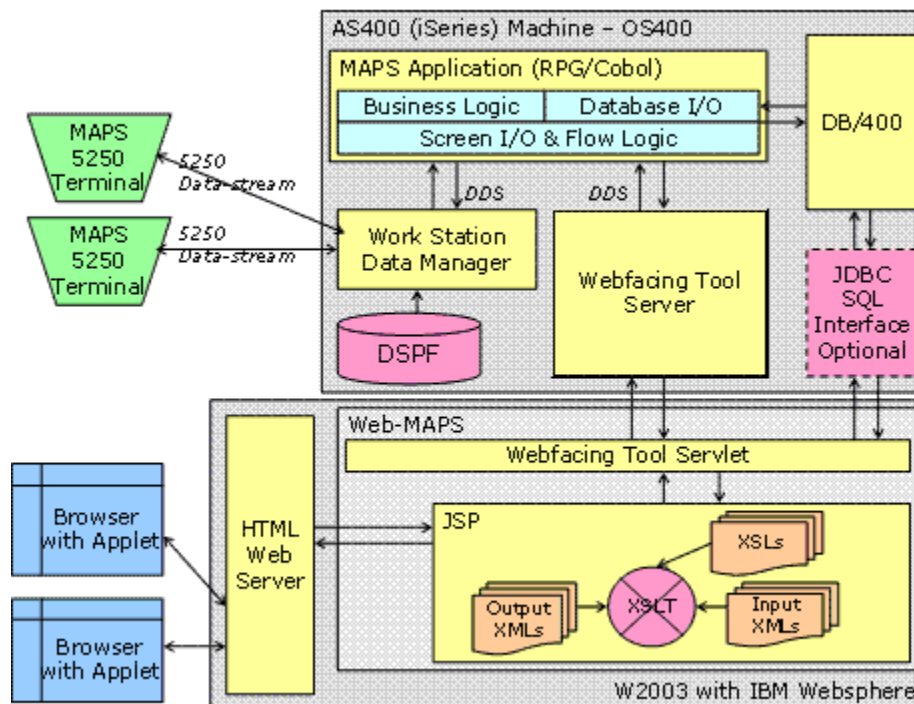




... putting IT in Perspective.

Project Name	MAPS-WSX
Description	Weighing Machine Interface to Legacy Mfg. System
Customer	Pfizer, NY www.pfizer.com
Size	0.6 Man-Years
Technology	WebSphere, Webfacing Tool, JCA, J2EE, MAPS System (AS400)

MAPS is Pfizer's mainline manufacturing system running in more than 100 countries. MAPS runs on AS400, RPG, DB2/400 platform. This project involved using IBM Websphere Application Server suite (especially the web facing tool) to integrate the weighing instruments to MAPS in a seamless manner. We used a variant of MVC (Model View Controller) design pattern. The web-facing tool was used to interface with the servlet, which processed the 5250 data stream from the AS400 machine. Then we put a filter, which enabled data to be parsed and presented to our applet, which controlled the local ports where the instruments were connected.



During the weighing stage of input the system disabled keyboard input and did not allow users to change the weight and other measurements returned by the instrument. One of the major standpoints of the integration was that it had to be 21CFRPart11 compliant (Federal Regulation for manufacturing systems for industries coming under FDA). This involved implementation of protocols for function access control, data access control & activities logging. The validated for 21CFRPart11 compliance.