

Case Study



SAP AFE (Authorization for Expenditure) approval application

for a leading oil field services company

Client Background

Client is a large oil field services company - was looking for an application which can provide decision support for management on divisional capital spending.

Background/Business Drivers



AFE Stands for 'Authorization for Expenditure'. AFE is used to obtain approval for divisional capital spending.

AFE Captures all the critical data of project like division, company code, plant, Cost center, Profit center, Life time of the project, Start date, End date, Project objective, type of project, Amount of investment and justification for the project.

AFE provides accurate financial data like Return on Investment, Net Capital Expenditure, BVA, and Payback Period of the investment.

Based on the key figures provided by AFE, Management decides whether they should go for the investment or not.

Infosys Solution



- Infosys provided a browser based SAP mobile solution since the approval process was at the SAP ECC.
- The mobile application was built using Mobile Webdynpro Java and the application itself was deployed on SAP Net Weaver WAS. This was a thin client application.
- The application used SAP BAPIs for interfacing with the SAP backend (ECC)
- The following technologies were involved in the solution
 - SAP NetWeaver WAS
 - Mobile Webdynpro Java
 - SAP ECC (R/3)

Impact/Benefits



- Lower processing time and enhanced productivity
- The application provided a convenient user interface via the mobile handheld (alternative to the portal interface) for approving/rejecting requests for divisional capital spending.
- The management can decide whether to go for investment based on key figures such as return on investment, net capital expenditure, payback period etc.



For more information, contact askus@infosys.com

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