

Project Note

Automatic benefit accounting

This project involved successively replacing the automatic benefit accounting system of a health insurance institution with a new web application. Processing staff reviewed the incoming bills and entered them in the books for payout.

Task

The automatic benefit accounting system of a health insurance institution was replaced with a newly developed web application in a successive process. Processing staff use this new web application. They check the incoming Tarmed bills as automatically as possible and post them in the books for payout. The Rational Unified Process (RUP) was used in the project, along with a J2EE reference architecture defined in advance.

Implementation

The requirements were determined in the first project phase (inception). Careful attention was paid to scalability, security and flexibility. In the following phase (elaboration), the requirements were refined and a basic architecture was devised. Prototypes were used to review various architectural concepts such as workflow management and to evaluate the associated components. The existing service architecture (CORBA) served as the interface with the legacy applications.



Technical Data

RUP; J2EE; Client/Web
Tier: HTML, Jakarta
Struts Business T: Message/Session Beans, SPICE (MDA), Carnot; Integration T; Borland VisiBroker (CORBA), BEA Tuxedo Data T; Oracle Datenbank; App.-Server; IBM Websphere; Windows NT, Sun Solaris; TogetherCC; IBM WSAD

Customer benefits

- Clear-cut development process:
The use of the Rational Unified Process (RUP) ensured that the project was carried out in a traceable manner.
- Know-how transfer and implementation:
Advice on and active support in implementation ensured the success of the project and allowed an optimum transfer of expertise from Zühlke to the customer.

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