

IT Solution for Electronic Brake Systems Development Process Management

(completed project)

The client brief summary

The Electronic Brake Systems Development Process Management system has been developed for one of the world's leading manufacturers of electronic and hydraulic brake systems.

The system allowed engineers of the Customer to organize work with a considerable number of objects such as vehicles, axles, brakes components, test specifications, testing results into projects.

Problem statement

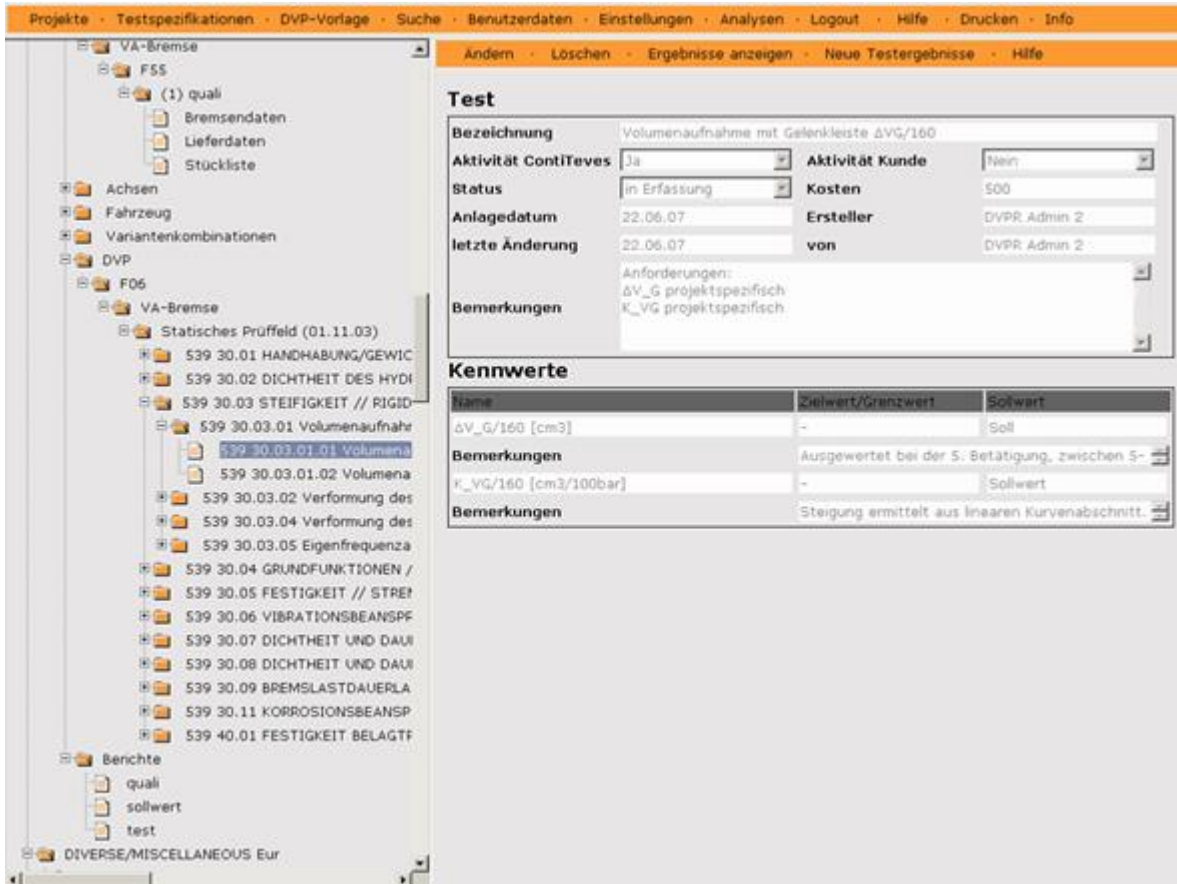
The customer wanted to build a system that will help to improve and to manage the business process and to reduce time needed for project management.

Why WaveAccess was chosen

WaveAccess team has the expertise needed for this project development, as well as meets all the specified requirements.

Project stages

Having received a concept document and a static HTML prototype WaveAccess team in cooperation with RD-Software designed a database and using Middlegen tool generated a persistence layer consisting of CMP Enterprise Java Beans. WaveAccess making use of its substantial experience in web applications crafted a rich user interface. Its most important control elements were developed in DHTML and HTC and along with AJAX brought good application responsiveness and resulted in quick user adoption. Also within the application scope WaveAccess developed a flexible reporting system running on any platform and operating on Entity Enterprise Beans data layer produced complex reports in RTF format. Creation of each new report required either little programming or no programming at all.



Test

Bezeichnung: Volumenaufnahme mit Gelenkleiste ΔV_G/160

Aktivität ContIteves: Ja Aktivität Kunde: Nein

Status: in Erfassung Kosten: 500

Anlagdatum: 22.06.07 Ersteller: DVPR Admin 2

letzte Änderung: 22.06.07 von: DVPR Admin 2

Bemerkungen: Anforderungen: ΔV_G projektspezifisch, K_{VG} projektspezifisch

Kennwerte

Name	Zielwert/Grenzwert	Sollwert
ΔV _G /160 [cm ³]	-	Soll
Bemerkungen	Ausgewertet bei der 5. Betätigung, zwischen 5-	
K _{VG} /160 [cm ³ /100bar]	-	Sollwert
Bemerkungen	Steigung ermittelt aus linearen Kurvenabschnitt.	

Technologies

JavaEE (CMP Enterprise Java Beans, Struts, JSP, JSTL), AJAX, JavaScript, Oracle 10G

The final results and Client's testimonial

"I worked with Ilya and his team on several projects from 2000 year. All these projects have been delivered on time and in budget with high quality. Ilya proved to be a good advisor on different technical matters so I'm always open to his ideas and suggestions.

I can recommend him and his company as a reliable partner to work with."

Denis Assanbaev

Owner

RD-Software GmbH

If you need to develop a similar project, please write us hello@wave-access.com