

IT Solution for Electronic Brake Systems Development Process Management

(completed project)

The brief client 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 client to organize work with a considerable number of objects such as vehicles, axles, brakes components, test specifications, and test the results.

Problem statement

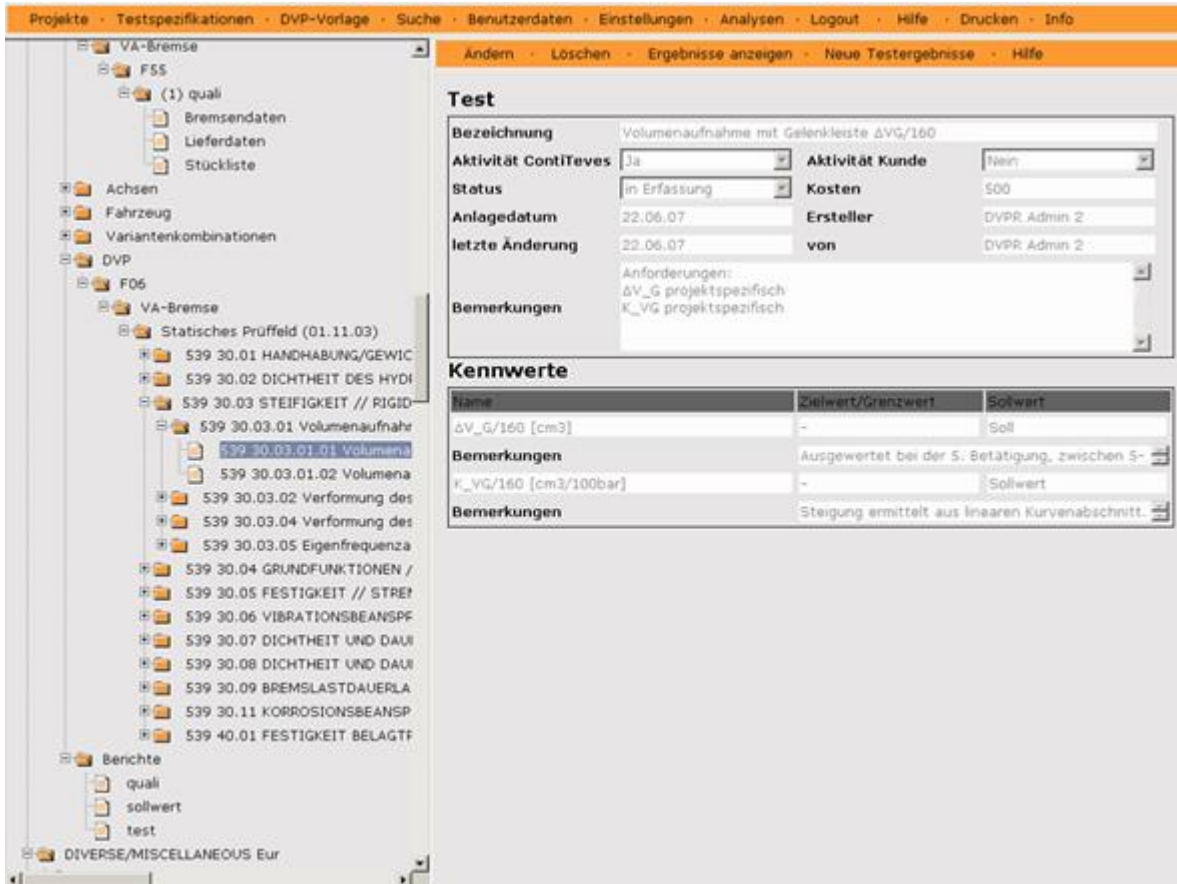
The client wanted to build a system that will help to improve and manage the business process, and reduce the time needed for project management.

Why WaveAccess was chosen

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

Project stages

Having received a concept document and a static HTML prototype, the WaveAccess team, in cooperation with an 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 positive application responsiveness, which resulted in quick user adoption. Also, within the application scope, WaveAccess developed a flexible reporting system, running on any platform, operating on Entity Enterprise Beans data layer to produce complex reports in RTF format. Creation of each new report required either little programming or no programming at all.



Test

Bezeichnung: Volumenaufnahme mit Gelenkleiste ΔVG/160

Aktivität ContiTeves: Ja Aktivität Kunde: Nein

Status: in Erfassung Kosten: 500

Anlagendatum: 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 [cm3]	-	Soll
Bemerkungen	Ausgewertet bei der 5. Betätigung, zwischen 5-	
K_VG/160 [cm3/100bar]	-	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 have worked with Ilya and his team on several projects since 2000. All these projects have been delivered on time and in budget with impressive results. 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