

## **vit - High Quality INFORMATION SERVICES for Agricultural and Related Organizations**

Beeding values for all dairy and beef cattle in Germany, reports about Milk Quality provided to farmers in 10 controlling organization of German Federal States, Genetic evaluations for horses, dairy and beef cattle are the best known products of *vit*. At *vit* there is no mission statement hanging on the wall. Instead, for more than 35 years, a simple Credo has guided *vit*'s actions in fulfilling their responsibilities towards customers and employees: Provision of high quality Information Services for Agricultural and related organization, provision of best ADVISORY SERVICES to related organizations, development of reliable software for large scale processing of farm animal related data on a mainframe computer.



The service organization *vit* (*Vereinigte Informationssysteme Tierhaltung w.V.*) and the subsidiary *Rechenzentrum Verden GmbH* provides full-range IT services for farming, livestock breeding and horse-sports in Germany and Luxembourg to more than 50 agricultural organizations covering approx. 55000 farms.

The equestrian city Verden is home of *vit*. The IT-services are being provided through a z/OS-system. All relevant production data is kept in ADABAS-databases and VSAM files. ORACLE databases are being used in the Open System-environment. The mainframe applications have been developed in PL/I and NATURAL. Users of the *vit* services are various agricultural organizations like horse breeding organizations (i.e. the *Hanoverian Society*) and cattle breeding organizations (i.e. WEU and ZEH, just to name a few).

During the course of 2000 *vit* purchased an American software package to access mainframe data from Internet applications. "When we started to develop the first production applications we already hit the limits of the package" says Rainer Maschka, Project manager at *vit*. "We experienced performance problems but the most important restrictions to us were the limitations when using ADABAS and the function to join different data-sources. That was reasons enough for us to look for an alternative solution."

During fall of 2001 a tcACCESS seminar conducted by B.O.S. has been visited. Rainer Maschka: "We went to the seminar with concrete expectations and questions. The tcACCESS concept and the live demonstration of the product did convince us and we agreed to put the system on trial."

The installation of tcACCESS was smooth and no problems had been experienced. The import of PREDICT-definitions for the SQL access to ADABAS led to quick results. "One of our goals was to directly call a NATURAL program from a JAVA program. During the trial a support engineer from B.O.S. visited us and took this request with him as homework. We really were surprised when this function was provided to us within a couple of day's time."

Claus Gerken, Application developer quotes: "We decided to use tcACCESS and to replace the competitive American product."

More than a year has passed and tcACCESS is integral part of a series of automated processes and acts as the central link to the ADABAS databases and VSAM files. Rainer Maschka: "Our batch processes contain JAVA programs. These programs access the mainframe files using the tcACCESS JDBC-component. In addition to these processes and procedures we have developed an Internet application that is fully based upon tcACCESS. We call this application "The Stallion Directory". During the breeding season a large number of stallions owned by State Stud or privately owned are available. The Stallion Directory provides information about the pedigree, the owner and the estimation of breeding values." Rainer Maschka continues: "The pedigree of stallion must be promising and is extremely important for the breed." The pedigree information about a stallion will be prepared by an already existing mainframe PL/I program. "We use these PL/I-programs by our internet application. We directly call them from our JAVA programs and use the tcACCESS JDBC-component." Claus Gerken names one of the main advantages of tcACCESS: "The Stallion Directory accesses ADABAS- and VSAM-files, the pedigree information are being prepared by CICS -PL/I-programs and the pictures are stored in an ORACLE database. The Stallion Directory really is a heterogeneous application."

Future tcACCESS applications will be based upon JAVA Server Pages and XML. Rainer Maschka: "We're also in the planning stage for applications that use mobile devices. tcACCESS will be our link to the mainframe. The decision to go ahead with tcACCESS has been a good one. We are very happy. Not only with the product but also with the excellent support that backs up the product."



Contacts:  
Rainer Maschka  
VIT w.V.  
Fon: +49-4231/955-157  
E-Mail: rmaschka@vit.de  
www.vit.de

Peter M. Horbach  
B.O.S. Software GmbH  
Fon: +49-89-4619930  
E-Mail: peter.horbach@bossoftware.de  
www.bossoftware.de

Application: The Stallion Directory

**HANNOVERANER VERBAND**  
Verband hannoverscher Warmblützüchter e.V.

**HANNOVERANER SHOP** **Der Touareg.**

**Directory of Stallions**

For the breeding season 2003 a big number of stallions owned by the State Stud or privately owned are registered with the Hannoveraner Verband. The stallion directory gives further information on the pedigree, the owner and the estimation of breeding values.

The information is only available in german.

[To Stallion Directory](#)

**Approved stallions** in the U.S.A., Great Britain, Australia and New Zealand and other homeland breeders associations.

**Note:** Not every stallion, which has been registered in Germany is approved in other countries. By Verband's rules usually Hanoverian branded stallions are approved in the Verband. For more detailed information please contact our [daughter](#).

**stallion distribution plan**

name:

Celle state stud stallion/private stallion:

breeding station:

kind of cover employment:

programs for breeding show jumpers:

list of chosen stallions

LNo.	name:	breeding station	SSS/PS	programs for breeding show jumpers
<a href="#">DE 331316948199</a>	Acorado's Ass	Gestuet Gut Neuhaus, 41516 Grevenbroich	PB	
<a href="#">DE 431316737100</a>	Atlantico As	Mueller-Rulfs, 27721 Ritterhude	PB	
<a href="#">DE 331313319489</a>	Advocat	Glissmann, 22589 Hamburg	PB	
<a href="#">DE 331312305298</a>	All in One	Buenger, 29588 Oetzen		
<a href="#">DE 331310731388</a>	Allround	Brakenhoff, 29525 Uelzen		
<a href="#">DE 331317616484</a>	Alpius	Stall Stampel, 29313 Hamburg		
<a href="#">DE 331313302386</a>	Amari	Esthof, 21635 Jork		
<a href="#">DE 331317600588</a>	Amoroso Assai	Wiese Farm, 30938 Burgwedel		
<a href="#">DE 309090132480</a>	Argument	Equiland - Hof, 27386 Hemslingen		
<a href="#">DE 321210142893</a>	Ars Vivendi	Ostendorf, 28857 Syke-Wachendorf		
<a href="#">DE 331316885787</a>	Azett	Gestuet Ebbendorf, 49176 Hilterfde		

http://servlet.vit.de/servlet/hvp.hengst?zvm=31&jahr=2003&nr=312305298

**All in One** grayhannDE 331312305298

breeder: Eberhard Jordan Am Dorffing 5, 38468 Ehra-Lessien  
 date of birth: 15.03.1998  
 private stallion

breeding station: Klaus Buenger Doemler Str 6 29588 Oetzen Tel: 05905-331

kind of cover employment: natural covering

programs for breeding show jumpers:

<a href="#">DE 331310226079</a>	Aborn Z	bay	hengn	<a href="#">DE 331310077468</a>	Alme	bay	eng.n
<a href="#">DE 321210002687</a>	Acord II	bay	holst	<a href="#">DE 331317660360</a>	Heureka Z	bay	holst
<a href="#">DE 321210000779</a>	Ribecca	dark brown	holst	<a href="#">DE 3212108603473</a>	Calypso I	bay	holst
<a href="#">DE 321210505970</a>	Gerlis	RSB	holst	<a href="#">DE 321210389565</a>	Ramiro	bay	holst
<a href="#">DE 331410117079</a>		bay					