



PORSCHE
INFORMATIK

LINBIT

CASE STUDY

DRBD® at Full Speed

BACKGROUND Porsche Holding outsourced its IT services and in the process established a close relationship with its new service provider. Porsche Informatik GmbH, a 100% subsidiary of Porsche Holding, represents the head and backbone of Porsche's complex IT landscape. They are tasked with ensuring the growing company isn't affected by unexpected downtime.

Josef Hagler, managing director at Porsche Informatik GmbH, depends on DRBD® to ensure High Availability for a company that is developing at full speed.

BUSINESS CHALLENGE Replacing the previous version, Hagler and his team implemented the new CROSS 2 software during full operation. The software was all but developed from the ground up; 500,000 code lines were modified and nearly all components were changed.

In addition, the base technology was set up from scratch. The database was changed from Informix to Oracle, the operating system was switched from AIX 4 to Linux, and a 64-bit Intel server was installed, replacing their IBM RS6000 server.

SOLUTION Two Intel servers were installed and combined to form a cluster using Heartbeat and DRBD®. Thanks to DRBD®, both machines replicate synchronously in real time.

If a failure occurs on one server, the secondary server takes over without any loss of data. Since a web and a communication server (including the portal www.weltauto.at) are part of the applications, High Availability is critical for these applications.

“We opted for DRBD® as a cost-efficient Open Source solution in the field of High Availability clusters. DRBD® ideally supports our IT design, ensuring easy configuration and quick implementation. In contrast to commercial cluster solutions, we could do without expensive storage hardware for our application servers.”

JOSEF HAGLER

MANAGING DIRECTOR AT PORSCHE INFORMATIK GMBH
WWW.PORSCHEINFORMATIK.COM

CONTACT US

+1-877-4LINBIT (454-6248)
sales@linbit.com

INTERNATIONAL

+43-1-8178292-0