



SAP UA/UCC EMEA

Annual Report 2008

Shaping the future – SAP software in research and teaching

For real life and future-oriented training with professional SAP solutions by specially trained lecturers

“If we want to maintain the level we enjoy today we have to accelerate the speed of innovations (...) as long as we can stay on top, we might be a serious member of this global economy, and a prerequisite for this is education.”

Hasso Plattner

Co-Founder and Chairman of the Supervisory Board, SAP AG

1. Introduction

Education is the key to social advancement, innovation and thus a chance to be a leader in the global economy, an opinion that also Hasso Plattner supported in his opening speech at the UA EMEA User Group Meeting 2008 in Walldorf. This is why SAP has supported the transfer of knowledge for many years in research and teaching. Its University Alliances (UA) Program supports scientific and technical training and offers teachers and students around the world a very cost-effective access to the latest SAP solutions.

More than 170,000 students around the world work with SAP solutions. In Germany alone there are 232 universities, universities of applied sciences, universities of cooperative education, and vocational schools which support their 70,000 students in understanding the

concepts of business processes by using SAP applications. The Education Service Provision (ESP) of the University Competence Centers (UCC) includes hosting, backup and (if necessary) restoration of SAP-Systems. Furthermore the UCCs provide the technical support as well as train-the-trainer courses, application support and the creation of challenging curricula. Students gain experience in step with actual business practice.

In 2008 the SAP UA and the SAP UCCs continued to grow in the EMEA region, whilst customer base and product portfolio were expanded. This growth was accompanied by the increasing number of employees who supported the diverse universities. Further, the hardware infrastructure was significantly extended in cooperation with our hardware partners HP and SUN.

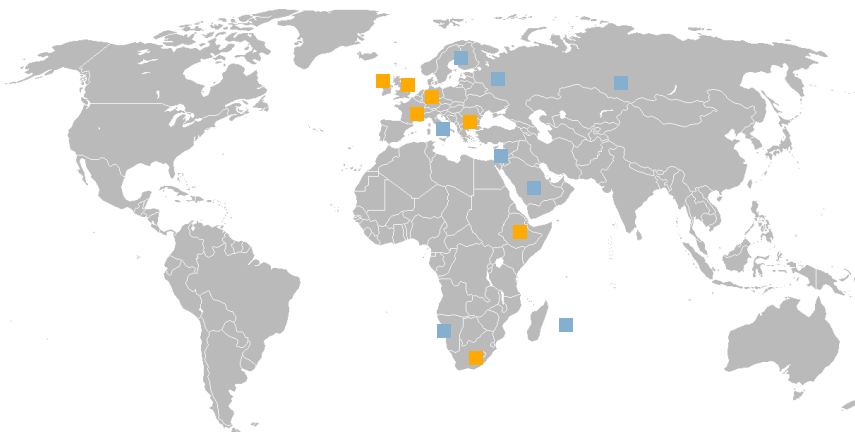
Key Indicators

	2008	2007	2006	2005
Number of connected institutions	301 (+22%)	247	200	177
Hosted by UCC Magdeburg	188	140	130	124
Hosted by UCC Munich	113	107	70	53
Number of lecturers using the systems	2413 (+11%)	2178	1775	1630
Hosted by UCC Magdeburg	1510	1297	1155	1017
Hosted by UCC Munich	903	881	620	613
Number of hosted SAP systems	218 (+8%)	202	164	122
Hosted by UCC Magdeburg	123	109	107	89
Hosted by UCC Munich	95	93	57	33

Overview of hosted SAP systems

	2008		2007	
	Total	thereof IDES	Total	thereof IDES
SAP ERP Systems	94	77	55	43
SAP R/3 Enterprise Systems	68	46	101	70
SAP BW/BI Systems	8	8	5	5
SAP SCM Systems	5	5	5	5
SAP CRM Systems	1	1	2	2
SAP for Banking	1	1	1	1
SAP for Healthcare	4	4	3	3
SAP for Media	1	1	1	1
SAP for Retail	1	1	3	3
SAP NetWeaver Portal	10	-	6	-
SAP NetWeaver Process Integration	5	-	4	-
SAP Solution Manager	7	-	6	-
SAP NetWeaver Application Server (Java)	16	-	9	-
SAP NetWeaver Master Data Management	1	-	1	-
Business Objects	1	-	-	-
	223	144	202	133

EMEA Customers



- EMEA customer connections before 2008
- EMEA new customer connections in 2008

2. Infrastructure

With the kind support of our hardware partners HP and SUN it was possible to move a large part of R/3 Enterprise to ECC 6.0 clients. The complete list of hardware infrastructure and SAP systems currently offered in comparison with last year can be found below and in the table on the previous page.

3. Customers

The customer base was consistently extended in 2008. The number of connected institutions at the UCCs in Magdeburg and Munich increased from 247 to 301 customers in 2008.

At the beginning of August customers from the Nordic region were also transferred successfully to the UCC Magdeburg. In close cooperation with the Academic Competence Center (ACC) in St. Petersburg the first universities and schools of applied sciences from Russia were connected to the UA Program. The Middle East & North Africa (MENA) region demonstrated great traction in the expansion of the UA Program. Most recently Zayed University in the United Arab Emirates joined the program alongside other recent participants including Jubail Industrial College in Saudi Arabia and the AMA International University in Bahrain. This means that SAP MENA now has a total of nine educational institutions participating in the program across the countries of United Arab Emirates, Egypt, Kuwait, Libya, Saudi Arabia and Bahrain. In September 2008 the UA Program was successfully launched in Mauritius.

4. Events

The UA EMEA User Group Meeting 2008 brought together approximately 300 university professors from around the world. They attended the two-day meeting to discover how SAP business software can support the latest topics in research and education. The focus region of this year's meeting was Africa. It was a particular pleasure to welcome Ms. Naledi Pandor, South Africa's Minister of Education.

During her speech, Ms Pandor described the current state of available resources in South Africa and stressed the role of education to address the skills requirement of the African continent.

Besides the User Group Meeting, UA and the UCCs actively participated in fairs including CeBIT and conferences such as Wirtschaftsinformatik or Multikonferenz Wirtschaftsinformatik – two very renowned conferences in the German-speaking world.

Hardware equipment

1. Hardware for SAP and database instances

16 HP BL480C, 2x Intel Xeon Dual Core 5160, 24 GB RAM
 8 HP BL480C, 2x Intel Xeon Quad Core E5440, 48 GB RAM
 1 HP Integrity rx8620, 16x Intel Itanium 2, 256 GB RAM
 1 HP Integrity rx7460, 4x Intel Itanium Dual Core, 64 GB RAM
 2 HP 9000 rp7410, 8x PA-RISC, 32 GB RAM
 2 HP Integrity rx2620, 2x Intel Itanium 2, 8 GB RAM
 1 HP DL360 G5, 2x Intel Xeon Dual Core 5160, 8 GB RAM
 2 HP DL360 G5, 1x Intel Quad Dual Core E5440, 16 GB RAM
 1 HP DL380 G4, 2x Intel Xeon, 8 GB RAM

5 Sun Fire X4440 Server x64 with 4 AMD Quad Core CPUs and 64 GB RAM
 4 Sun Blade X8440 x64 with 4 AMD Dual Core CPUs and 32 GB RAM
 2 Sun Blade X6220 x64 with 2 AMD Dual Core CPUs and 32 GB RAM
 1 Sun Blade X6250 x86 with 1 Intel Quad Core CPU and 32 GB RAM
 2 Sun Fire X4600 Server x64 with 8 AMD Dual Core CPUs and 128 GB RAM
 1 Sun Fire T2000 Server SPARC 1 UltraSPARC Eight Core CPU 32 GB RAM
 8 Sun Fire X4200 Server x64 with 2 AMD Dual Core CPUs and 16 GB RAM
 1 Sun Fire V890 Server SPARC 8 UltraSPARC IV+ Dual Core CPUs 32 GB RAM
 2 Sun Fire V880 Server SPARC with 8 UltraSPARC III CPUs and 16 GB RAM
 5 Sun Fire V40z Server x64 with 4 AMD CPUs and 16 GB RAM
 42 Sun Fire V210 Server SPARC with 1 UltraSPARC III CPUs and 1 GB RAM
 2 Sun Fire V240 Server SPARC with 2 UltraSPARC III CPUs and 1 GB RAM
 80 Blade B100S with 1 UltraSPARC II CPUs and 2 GB RAM

2. Central Storage

2 HP EVA 8000 with 51 TB
 2 HP StorageWorks 4/32 SAN Switch

NAS: 1 Sun Fire X4500 x64 with 48 TByte
 DAS: 23 StorEdge 3310 SCSI Arrays with 19 TByte
 SAN: 6 Sun StorEdge 3510 FCAL Arrays with 12 Tbyte
 SAN: 2 Sun StorEdge 3511 FCAL JBOD with 12 Tbyte
 SAN: 4 Sun StorageTek 6140 FCAL Arrays with 19 Tbyte
 SAN: 2 SilkWorm 32 port FC Switches up to 4 GBit/s

3. Backup

1 HP VSL 6636 Virtual Library with 24 TB
 1 HP MSL 6000 Tape Library (LTO4) with 96 TB
 1 HP StorageWorks 4/32 SAN Switch

4. Network

Data center connection to the X-WIN of the German National Research and Education Network (DFN).

5. Pilot Projects

Pilot projects help to evaluate SAP products for teaching according to the specific needs of educational customer requirements. In cooperation with other institutions the UCCs implement 1 to 2 pilot projects per year.

EMEA-wide SAP TERP10 Certification

For the first time in the EMEA region, the SAP University Alliances program is collaborating with a number of universities as part of a pilot project to offer business and technical students the opportunity to take part in an official SAP certification course during their course of study. TERP10: SAP ERP – Integration of Business Processes is a 10-day training course held at universities participating in the pilot. Students can get more information about the course offering and conditions for attendance by contacting the universities participating in the pilot project. To support this project, in 2008 SAP conducted train-the-trainer courses for EMEA faculties in Cape Town, South Africa; Waldorf, Germany; Loughborough, United Kingdom; and St. Petersburg, Russia. In addition the UK UA Program worked jointly with UK Education to create a solution for delivering TERP10 to students whilst reducing total administrative overhead for the schools and SAP. The agreement provides a mechanism for students to undertake the TERP1e e-learning version of TERP10. Students have access to a version of TERP10 which includes audio-visual delivery, a Flash-based version of the SAP system, free SAP Copyrighted manuals and a free exam place at the UK HQ. The UK UA Program and UK Education also launched a mechanism to rapidly raise the percentage of UK faculties that are qualified with SAP Certifications in order to support the delivery of TERP10 and TERP1e. Under the terms of the agreement, SAP UA has recruited many faculty wishing to take a free TERP1e course and to also have a free exam, provided by UK Education, during 2009, as a precursor to delivering TERP10 and TERP1e at their institutions.

SAP for Media

Stuttgart Media University has developed a teaching and demonstration scenario for the SAP for Media solution portfolio. The pilot project analyzed new methods for the advertising business of newspaper and magazine publishers and examined their effects on processes in advertising management. The new methods are being incorporated into the global curriculum through the development of a case study.

IT-Consulting for medium-sized businesses

An IT consulting role play was performed at the SAP UA User Group Meeting 2007 by consultants and researchers of intelligence AG and VLBA Lab Magdeburg, with the resulting video material being analyzed and edited. During the winter term 2007/2008, ten member universities were selected to use the existing project results and develop teaching material together with their students. Between the CeBIT 2008 and the User Group Meeting 2008, a study DVD had been created and distributed to instructors. Furthermore, a round table for IT consulting thought leaders and curriculum developers was established.

erp4school

OSZ Berlin (Berlin College of Further Education) has developed this teaching and learning platform in cooperation with SAP UA and UCC Magdeburg. With its specific focus on essential integrated business processes, the erp4school client is ideal for practical classes at vocational schools. In this simple, but didactical sophisticated learning environment pupils can understand much easier how cross-functional corporate processes are implemented in ERP systems.

SAP Solution Manager

The international cooperation of Hochschule Niederrhein in Moenchengladbach with California State University Chico has developed a curriculum based on SAP Solution Manager. All modules are available and can be used in different class settings. The content ranges from an introduction to project management to single implementation/configuration projects with SAP ERP 6.0 and multiple independent projects. Solution Manager functionality is applied to all practical project management modules.

6. Success Stories

First SAP Academic Competence Center (ACC) in CIS region

In November the SAP Academic Competence Center for CIS countries was opened in St. Petersburg State Polytechnical University. The new ACC was created under the umbrella of SAP University Alliances Program and became the integrated point for developing cooperation between SAP and educational institutions in the CIS region.

SAP and SIEMENS collaboration

In June SAP jointly with Siemens and Voronezh State University, Russia, announced the signing of a tripartite memorandum of cooperation in the field of higher education for the next two years. The University will develop curricula which expose practices of modern day business and usage of SAP solutions. SAP will organize trainings accordingly. Siemens also plans to support institute and students, studies and innovations in science and technology.

SAPiensi

SAPiensi is an internet based Ideas Competition for students in Germany, Austria and Switzerland, who use SAP software within the SAP University Alliances Program (<http://sapiensi.info>). The Ideas Competition aims to achieve collaborative development of ideas concerning new areas of application, new business segments and new SAP products of SAP. Based on the findings of the Ideas Competition 2007, the SAPiensi team focused on the tool-supported collaborative generation of ideas which led to a significant improvement of the submitted ideas in 2008. The UA customers' community subsequently took part in the competition by mentoring their students and by providing their subject expertise. UCC employees supported the SAPiensi team by being part of the jury, evaluating the submitted ideas and assisting in nominating the winners of the SAPiensi Ideas Competition. In 2008, 130 participants registered for the Ideas Competition whereby SAPiensi evolved into an active community with more than 350 members. Altogether, in 2008, SAPiensi contributed 61 ideas and refined a total of 34 of these ideas through active collaboration.

SAP NetWeaver BI 7.0

Since early 2008, SAP NetWeaver BI 7.0 and SEM 6.0 are available at UCC Magdeburg and UCC Munich, so that UA members have been able to change from the older release SAP BW 3.5 to the up-to-date SAP solution. In order to demonstrate new functionalities such as improved ETL processing and SAP portal integration in an end-to-end case study SAP UA initiated a BI curriculum development project based on the Global Bike Inc. (G.B.I.) scenario. The BI-supported project team thought leaders brought together lecturers from Germany, Australia, and the United States. The first training for UA members was conducted at the UA User Group Meeting 2008 in Walldorf, Germany.

SAP Adaptive Computing

In order to manage its large SAP system landscape in a more flexible and dynamic manner UCC Magdeburg took part in the ramp-up project for SAP Adaptive Computing Controller 7.1. After successful implementation, UCC Magdeburg was the second organization world-wide to go live with this solution.

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