

EDUCATION SOLUTIONS PORTFOLIO

May 2008

Introduction

Higher education is changing rapidly and new modes of teaching, learning and research are thriving in the era of Education 2.0. Students are embracing social media, including instant messaging, blogs, Wikis and virtual worlds, to enhance their overall learning experience. Teachers and professors are no longer the sole source of knowledge, but rather the “orchestrators of knowledge creation” (Derek Keats, University of the Western Cape). Contemporary education institutions are faced with the challenge of building a digital campus infrastructure which provides students with the ability to access educational resources and content from anywhere and at any time, while maintaining network security and keeping costs under control .

Colleges and universities are now much more complex than the traditional campuses of previous generations and can be regarded as *Knowledge Enterprises*. The knowledge enterprise not only develops and distributes educational content, it also uses digital information from many sources and organizes, synthesizes and delivers that material. Managing the information needed to operate a knowledge enterprise requires an IT infrastructure that is much more robust than traditional education IT systems. The challenges facing today’s knowledge enterprise require an IT infrastructure that provides:

- 24 X 7 uptime with reliable and scalable content delivery
- A robust web infrastructure that allows anytime, anywhere access to secure data
- Protection of intellectual property
- Ability to quickly adapt IT systems to changing user and market needs

Since its inception in 1982, Sun Microsystems, with its singular vision, The Network is the Computer™, has helped educational institutions advance learning and research through the use of innovative network computing solutions. Sun’s success in the education marketplace has been built both on its strong relationships with software application providers and its industry-leading experience in building secure intranet and Internet solutions. Sun™ provides a wide array of servers, storage, desktop systems, management software and other important components of a complete campus IT infrastructure.

At Sun, we define Education 2.0 as the tools and technologies that allow students, faculty and researchers to access resources and content at any time from anywhere, with a high degree of sharing, collaboration and participation. Sun and our third-party solution partners can help University CIOs build a complete digital campus IT infrastructure that allows them to incorporate new Education 2.0 teaching, administrative and research models and technologies while controlling costs and increasing security, scalability and availability.

Sun values competition in the marketplace, but welcomes collaboration in the community as it will only benefit the education of students and teachers worldwide and help bridge the Digital Divide. Sun and our solution partners provide a competitive edge for the knowledge enterprise in the era of Education 2.0. The best-of-breed solutions supplied by Sun, our independent software vendor partners and innovators in the open source community are creating a powerful foundation for borderless, boundless science and research computing. Our technologies are empowering student learning and creating innovative research environments unlike any other company with open, interoperable and integrated solutions.

The full spectrum of needs for the knowledge enterprise can be addressed through the solutions listed in this portfolio.

Included are some excellent examples of software as a service (SaaS) solutions, which can often be more cost effective and more flexible than in-house implementations of traditional packaged applications. Educational institutions are playing a leading role in adopting and evolving open source solutions, so this solution portfolio also includes a number of important open source projects.

This portfolio lists solution providers who offer product versions for the Solaris™ operating environment. Sun thin clients, desktop, and server products also run Linux and Microsoft Windows applications, so customers have the freedom to choose the solution that best meets their business needs.

For more information on Sun Education Solutions, see our website at www.sun.com/edu and get connected!

Table of Contents

Administrative Computing and Infrastructure	7
Administrative Assistants Ltd. (aal).....	7
AppGate.....	7
Datatel, Inc.....	7
The Java™ Architectures Special Interest Group (JA-SIG).....	7
Kuali Project.....	8
LADOK.....	8
Nuventive.....	8
Oficina de Cooperacion Universitaria (OCU).....	8
Oracle Corporation.....	8
rSmart.....	9
SAP.....	9
SAS Institute, Inc.....	9
Sigma Gestion Universitaria.....	9
SunGard Higher Education	9
UC 4.....	10
uPortal by JA-SIG.....	10
Digital Content and Media Management	11
Drupal.....	11
D-Space.....	11
Eprints.....	11
Fedora Project.....	11
KZO Networks.....	11
Luna Imaging, Inc.....	12
MediaWiki.....	12
Open Text / Artesia.....	12
Pachyderm.....	12
Polopoly AB.....	12
Vignette Corporation.....	13
Wowza Media Systems.....	13
Xythos Software, Inc.....	13
eLearning	14
Blackboard.....	14
Desire2Learn.....	14
Elluminate.....	14
MiRTLE Project.....	14
Moodle.....	14
Roller.....	15
Sakai Project.....	15
Sharestream.....	15

Library Systems	16
Axiell Bibliotek AB.....	16
Ex Libris.....	16
Infor Library and Information Solutions.....	16
Innovative Interfaces, Inc.....	16
OCLC (Online Computer Library Center).....	16
SirsiDynix.....	17
The Library Corporation.....	17
VTLS, Inc.....	17
Science and Engineering: Computational Biology	18
Accelrys, Inc.....	18
Geospiza, Inc.....	18
INCOGEN, Inc.....	18
Oracle Corporation.....	18
Rosetta Biosoftware.....	18
Symyx.....	19
TIBCO Spotfire.....	19
Timelogic (a brand of Active Motif, Inc.).....	19
Waters Corporation.....	19
Science and Engineering: Grid Computing	20
Altair Engineering, Inc.....	20
DataSynapse.....	20
Globus Alliance.....	20
GridCore.....	20
GridLab.....	21
OMII-UK (Open Middleware Infrastructure Institute).....	21
Platform Computing, Inc.....	21
SDSC ROCKS.....	21
SDSC Storage Resource Broker (SRB).....	21
Sybase Avaki.....	22
University of Wisconsin Condor Grid Project.....	22
Science and Engineering: High Performance and Technical Computing	23
Allinea Software.....	23
Cadence Design Systems.....	23
GAMESS (Iowa State University).....	23
Gaussian, Inc.....	23
Livermore Software Technology Corp. (LSTC).....	23
MSC Software.....	24
The Numerical Algorithms Group (NAG).....	24
Parametric Technology Corporation (PTC).....	24
The Portland Group.....	24
Scientific Computing Associates.....	24
Synopsis, Inc.....	25

TotalView Technologies.....	25
Visual Numerics, Inc.....	25

Chapter 1.

Administrative Computing and Infrastructure

Administrative Assistants Ltd. (aal)

Student information systems for school districts and larger statewide implementations.

www.aalsolutions.com/home.asp

Headquarters:

Administrative Assistants Ltd., 880 Laurential Drive, Burlington ON L7N 3V6, Canada, Phone: (800) 668-8486

AppGate

Provides a virtual network where students, teachers and researchers can all access information without any conflicting security or access issues.

www.appgate.com

Headquarters:

AppGate Network Security AB, Otterhällegatan 2, SE-411 18 Göteborg, Sweden, Phone: +46 (0)31 - 774 43 50

Datatel, Inc.

Provides advanced information management solutions to the higher education community, including a full suite of ERP and student software.

www.datatel.com

Headquarters:

Datatel, Inc., 4375 Fair Lakes Court, Fairfax VA 22033, Phone: (703) 968-9000 or (800) DATATEL

The Java™ Architectures Special Interest Group (JA-SIG)

Open computing organization that is dedicated to providing education and research in the applied use of open technology architectures and systems in higher education. Key projects include the open source uPortal, Central Authentication Service (CAS) and Hypercontent.

www.ja-sig.org

Headquarters:

JA-SIG, c/o CONCENTRA Conference Management Services, P.O. Box 351989, Westminster CO 80035,
Phone: (303) 404-0339

Kuali Project

Kuali is a community project by colleges and universities to create a financial information system with a comprehensive suite of functionality to serve the needs of all Carnegie Class colleges and universities. Sun is a Commercial Affiliate of Kuali.

www.kuali.org

Headquarters:

Kuali Foundation, Inc., Franklin Hall 116, 601 East Kirkwood Ave., Indiana University, Bloomington IN 47405

LADOK

LADOK is a student information system for Swedish higher education institutions.

www.ladok.se

Headquarters:

Ladokkonsortiet, KTH Adm enh, Drottning Kristinas Väg 6, 100 44 Stockholm, Sweden, E-mail: gunnarb@admin.kth.se

Nuventive

TracDat is a software solution for managing the institutional assessment and planning process. The company's electronic portfolio solution, iWebfolio was introduced in 2002 to extend its solutions to encompass documentation, management and display of competencies and professional accomplishments from the individual through the institution.

www.nuventive.com

Headquarters:

Nuventive LLC, 9800B McKnight Road, Suite 255, Pittsburgh PA 15237, Phone: (412) 847-0280

Oficina de Cooperacion Universitaria (OCU)

Provider of an ERP system for higher education, created by a joint project of public universities in Spain.

www.ocu.es

Headquarters:

Oficina de Cooperacion Universitaria, Arequipa 1, Bloque 1, Planta 3-5, Madrid, Spain 28043

Phone: +34 91 382 2140

Oracle Corporation

Comprehensive, pre-integrated business applications for education and research, including key functionality built specifically for colleges, universities, and research institutions. Incorporates the former PeopleSoft Enterprise product line.

www.oracle.com/industries/education

Headquarters:

Oracle Corporation, 500 Oracle Parkway, Redwood Shores CA 94065, Phone: (650) 506-7000

rSmart

Full-service partner dedicated to facilitating the development and implementation of open source software for education. Offers a full range of Sakai and Kuali solutions, backed by comprehensive support and expert services.

www.rsmart.com

Headquarters:

The rSmart Group, 4343 East Camelback Road, Suite 210, Phoenix AZ 85018, Phone: (602) 840-7300

SAP

SAP for Higher Education and Research provides ERP and student information systems.

www.sap.com/industries/highered

U.S. Headquarters:

SAP America Inc., 3999 West Chester Pike, Newtown Square PA 19073, Phone: (610) 661-1000

SAS Institute, Inc.

Software solutions to supply users with the information they need for effective and efficient learning throughout the education life cycle.

www.sas.com/govedu/edu

Headquarters:

SAS Institute, Inc., 100 SAS Campus Drive, Cary NC 27513-2414, Phone: (919) 677-8000

Sigma Gestion Universitaria

Applications to manage university teaching resources and student information.

www.sigmaaie.org

Headquarters:

Sigma Gestion Universitaria, Alcalde Barnils, 64-68, Módulo D, 2ª planta, ptas 1-2, Parque Empresarial Sant Joan, 08174 Sant Cugat del Vallès, Barcelona, Spain, Phone: +34 90 255 0733

SunGard Higher Education

Fully integrated administrative systems, portals, and other higher education-focused enterprise solutions.

www.sungardhe.com

Headquarters:

SunGard Higher Education, 4 Country View Road, Malvern PA 19355, Phone: (610) 647-5930

UC 4

Enterprise scheduling software that allows IT organizations to automate, integrate and accelerate business application processing across multiple applications and operating platforms.

www.uc4.com

Headquarters:

UC4 Software, Inc., 2475 140th Avenue NE, Bellevue WA 98005, Phone: (425) 644-2121

uPortal by JA-SIG

Open Source portal using Java, XML, JSP™, and J2EE™ developed collaboratively by several of the Java Architecture SIG member institutions.

www.uportal.org

Headquarters:

uPortal, c/o CONCENTRA Conference Management Services, P.O. Box 351989, Westminster CO 80035,
Phone: (303) 404-0339

Chapter 2.

Digital Content and Media Management

Drupal

An open source software package that allows an individual or a community of users to easily publish, manage and organize a wide variety of content on a website.

www.drupal.org

Headquarters:

The Drupal Association, Drupal vzw, Langveld 2, bus 12, 2600 Berchem Belgium

D-Space

Open source digital repository system that captures, stores, indexes, preserves, and redistributes an organization's research material.

www.dspace.org

Headquarters:

D-Space, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge MA 02139-4307,
Phone: (617) 253-1000

Eprints

A repository of electronic art, including high-quality photographs, drawings and historical images available for free public use.

www.eprints.com

Fedora Project

Open source software for managing and delivering digital content developed jointly by Cornell University and the University of Virginia.

www.fedora.info

Headquarters:

Fedora Commons, 301 College Avenue, Ithaca NY 14850 Phone: (607) 255-5196

KZO Networks

Live webcasting services, streaming video technologies, online communications and training solutions for the commercial and government sectors.

www.kzonetworks.com

Headquarters:

KZO Networks, 2214 Rock Hill Road, Suite 020, Herndon VA 20170, Phone: (571) 203-0556

Luna Imaging, Inc.

Provides services to convert collections into digital form, and a complete visual environment for working online with high-resolution images and data.

www.lunaimaging.com

Headquarters:

Luna Imaging, Inc., 2702 Media Center Drive, Los Angeles CA 90065-1733, Phone: (323) 908-1400

MediaWiki

Extremely powerful and scalable server-based, open source software for feature-rich wiki implementation. Allows users to easily edit web content, including image and multimedia files, without XHTML or CSS knowledge.

www.mediawiki.org/wiki/MediaWiki

Headquarters:

Wikimedia Foundation, Inc., P.O. Box 78350, San Francisco CA 94107-8350, Phone: (415) 839-6885

Open Text / Artesia

Tools providing a single point of management for all digital media files, regardless of media, and their underlying metadata information.

www.opentext.com/2/sol-products/sol-pro-digital-asset-mgmt/pro-artesia-dam.htm

Headquarters:

Open Text Corporation, 275 Frank Tompa Drive, Waterloo, Ontario, N2L 0A1, Canada, Phone: (519) 888-7111

Pachyderm

Easy-to-use web authoring tool designed for users with limited technical expertise, Pachyderm is accessed through a web browser to create interactive Flash-based multimedia presentations.

<http://pachyderm.nmc.org>

Headquarters:

The New Media Consortium, 6101 West Courtyard, Building One Suite 100, Austin TX 78730, Phone: (512) 445-4200

Polopoly AB

Java-based tools for content management and personalization, intended for any internal or external communications such as Web sites, digital TV portals, mobile services, and intranet portals.

www.polopoly.se

Headquarters:

Polopoly AB, Alströmergatan 22, 112 47 Stockholm, Sweden, Phone: +46 8 506 782 00

Vignette Corporation

Intranet, extranet, and Internet solutions incorporate portal, integration, enterprise content management and collaboration capabilities.

www.vignette.com

Headquarters:

Vignette Corporation, 1301 South MoPac Expressway, Suite 100, Austin TX 78746, Phone: (512) 741-4300

Wowza Media Systems

High-performance, extensible and fully interactive Flash media server for live and on-demand streaming, chat and recording.

www.wowzamedia.com

Headquarters:

Wowza Media Systems, 5655 Silver Creek Valley Road, Suite 435, San Jose CA 95138, Phone: (888) 778-7997

Xythos Software, Inc.

Web-enabled document and content management applications.

www.xythos.com

Headquarters:

Xythos Software, Inc., 655 Montgomery Street, 16th Floor, San Francisco CA 94111, Phone: (415) 248-3800

Chapter 3. eLearning

Blackboard

Course development, eLearning, collaboration tools, and online commerce software.

www.blackboard.com

Headquarters:

Blackboard Inc., 1899 L Street NW, 11th Floor, Washington DC 20036, Phone: (202) 463-4860

Desire2Learn

Provides a Web-based learning platform, a learning object repository, and other eLearning solutions.

www.desire2learn.com

Headquarters:

Desire2Learn Inc., 305 King Street West, Suite 200, Kitchener, Ontario, Canada, N2G 1B9,
Phone: (519) 772-0325

Illuminate

Tools for live Web conferencing and remote training.

www.illuminate.com

Headquarters:

Illuminate USA, 6301 NW 5th Way, Suite 3600, Ft. Lauderdale FL 33309-6197, Phone: (954) 229-2622

MiRTLE Project

Sun-funded open source project which provides a sense of community for remote higher education students by means of a mixed reality environment. Uses video conferencing, rendered avatars, virtual world technologies, and either microphone or text-based communications.

http://chimera69.essex.ac.uk/User:Gardnemr/Mixed_Reality_Teaching_and_Learning_Environment

Headquarters:

University of Essex, UK, Wivenhoe Park, Colchester, Essex, C04 3SQ UK, Phone: +44 (0) 1206 874111

Moodle

Open-source course management system designed to help educators create effective online learning communities.

www.moodle.org

Headquarters:

Moodle, 1/160 Edward Street, Perth 6000, Western Australia, Phone: +61 8 6262 3206

Roller

Open source Java blog server which supports full-featured multi-user and group blog sites of large and small size.
www.roller.apache.org

Headquarters:

The Apache Software Foundation, 1901 Munsey Drive, Forest Hill MD 21050-2747, Email: apache@apache.org

Sakai Project

The Sakai Project is a community-source software development effort to design, build, and deploy a new collaborative learning environment for higher education.

www.sakaiproject.org

Headquarters:

Sakai Foundation, University of Michigan, 400 West Hall, Ann Arbor MI 48109-1092, Phone: (734) 424-9970

Sharestream

Provides enterprise digital media asset-management platforms and streaming, downloading and podcasting media services for higher education and healthcare entities.

www.sharestream.com

Headquarters:

Sharestream, LLC, 948 Clopper Road, Gaithersburg MD 20878, Phone: (888) 875-9475

Chapter 4.

Library Systems

Axiell Bibliotek AB

Formed by a merger of Axiell Biblioteksystem AB and BTJ AB, this Nordic library automation company provides the Book-IT library system and the TOR family of self-service machines.

www.axiell.com

Headquarters:

Axiell Bibliotek AB, Box 5151, 426 05 Västra Frölunda, Sweden, Phone: +46 31-710 29 50

Ex Libris

High performance applications for libraries, information centers, and researchers.

www.exlibris-usa.com

U.S. Headquarters:

Ex Libris USA, 1350 E. Touhy Avenue, Suite 200E, Des Plaines IL 60018, Phone: (847) 296-2200

Infor Library and Information Solutions

Information management solutions and automation systems, including the Vubis Smart integrated library system, for libraries and information centers of all kinds.

www.vubis-smart.com/html/homeeng.htm

U.S. Headquarters:

Infor Library and Information Solutions, 550 Cochituate Road, Framingham MA 01701, Phone: (508) 598-4200

Innovative Interfaces, Inc.

Integrated library system and other products for resource sharing, digital repository, and electronic resource management.

www.iii.com

U.S. Headquarters:

Innovative Interfaces, Inc., 5850 Shellmound Way, Emeryville CA 94608, Phone: (510) 655-6200

OCLC (Online Computer Library Center)

Nonprofit organization that provides computer-based cataloging, reference, resource sharing, eContent and preservation services to libraries. Includes DiMeMa collection management software for organizing, managing, publishing, and searching digital collections over the Internet.

www.oclc.org/US/en/about/default.htm

OCLC Headquarters:

OCLC, 6565 Kilgour Place, Dublin, OH 43017-3395, Phone: (614) 764-6000

DiMeMa Headquarters:

DiMeMa Inc., 100 W. Harrison Street, N480, Seattle WA 98119, Phone: (206) 281-1632

SirsiDynix

Integrated library management systems, user interfaces, analytical tools, and digital media archive technology.

www.sirsidynix.com

Headquarters:

SirsiDynix, 400 West Dynix Drive, Provo UT 84604, Phone: (801) 223-5200

The Library Corporation

Integrated library automation, collection development, and cataloging systems, including the Library.Solution and CARL.X Solution product lines.

www.tlcdelivers.com

Headquarters:

The Library Corporation, Research Park, Inwood WV 25428-9733, Phone: (304) 229-0100

VTLS, Inc.

Library systems, RFID technologies, and digital library products.

www.vtls.com

Headquarters:

VTLS, Inc., 1701 Kraft Drive, Blacksburg VA 24060, Phone: (540) 557-1200

Chapter 5.

Science and Engineering: Computational Biology

Accelrys, Inc.

Software for computation, simulation, and the management and mining of scientific data used by biologists, chemists and materials scientists for product design as well as drug discovery and development.

www.accelrys.com

Headquarters:

Accelrys, Inc., 10188 Telesis Court, Suite 100, San Diego CA 92121, Phone: (858) 799-5000

Geospiza, Inc.

Geospiza combines IT and life science expertise to deliver genomics core labs, a 21 CFR Part 11-compliant informatics platform, for managing the production, analysis, and communication of DNA sequencing and genotyping data and results.

www.geospiza.com

Headquarters:

Geospiza, Inc., 100 West Harrison, North Tower, Suite 330, Seattle WA 98119, Phone: (206) 633-4403

INCOGEN, Inc.

INCOGEN, Inc. provides software and professional services to scientists involved in pharmaceutical, agricultural, and biotechnology research. The suite of INCOGEN tools assists researchers with every phase of design, development and implementation of their informatics infrastructures.

www.incogen.com

Headquarters:

INCOGEN, Inc., 3000 Easter Circle, Williamsburg VA 23188, Phone: (757) 221-0550

Oracle Corporation

Major database used in life sciences.

www.oracle.com/industries/education

Headquarters:

Oracle Corporation, 500 Oracle Parkway, Redwood Shores CA 94065, Phone: (650) 506-7000

Rosetta Biosoftware

Rosetta Biosoftware provides informatics solutions for life science research, empowering life scientists with analysis platforms for discovery research.

www.rosettatabio.com

Headquarters:

Rosetta Biosoftware, 401 Terry Avenue North, Seattle WA 98109, Phone: (206) 926-1200

Symyx

Integrated technology platform combines software (electronic laboratory notebooks, content, laboratory logistics and analysis), tools (software-driven integrated workflows) and research (collaborative research and directed services) to support the entire R&D process.

www.symyx.com

Headquarters:

Symyx Technologies, Inc., 3100 Central Expressway, Santa Clara CA 95051, Phone: (408) 764-2000

TIBCO Spotfire

Statistics and data visualization applications offer an interactive, visual approach to data analysis that allows users to see trends, patterns, outliers and unanticipated relationships in data.

<http://spotfire.tibco.com>

Headquarters:

TIBCO Spotfire, U.S., 212 Elm Street, Somerville MA 02144, Phone: (617) 702-1600

Timelogic (a brand of Active Motif, Inc.)

TimeLogic hardware and software solutions for genomics research.

www.timelogic.com

Headquarters:

Active Motif, Inc., 1914 Palomar Oaks Way, Suite 150, Carlsbad CA 92008, Phone: (760) 431-1263, Ext. 4

Waters Corporation

Analytical technologies in liquid chromatography, mass spectrometry, and thermal analysis.

www.waters.com

Headquarters:

Waters Corporation, 34 Maple Street, Milford MA 01757, Phone: (508) 478-2000

Chapter 6.

Science and Engineering: Grid Computing

Altair Engineering, Inc.

A Distributed Resource Management (DRM) system, similar to Sun Grid™ Engine. PBS Pro is a workload management system for computational grids and wide area distributed computing.

www.altair.com

Headquarters:

Altair Engineering, Inc., 1820 E. Big Beaver, Troy MI 48083-2031, Phone: (248) 614-2400

DataSynapse

GridServer and FabricServer products provide an adaptive grid infrastructure for distributed computing, creating a scalable service execution environment.

www.datasynapse.com

Headquarters:

DataSynapse, 632 Broadway, 5th Floor, New York NY 10012, Phone: (212) 842-8842

Globus Alliance

The Globus Alliance is a community of organizations and individuals developing fundamental grid technologies such as the Globus Toolkit, an open source software toolkit for building grid systems and applications.

www.globus.org

Headquarters:

Globus Alliance, c/o Argonne National Laboratory, 9700 S. Cass Avenue, Argonne IL 60439, Phone: (630) 252-2000

GridCore

Linux solutions for technical and scientific computing, makers of GC-Portal, GC-Distro, GC-Cluster. Supports Sun Grid Engine and Globus.

www.gridcore.se

Headquarters:

Gridcore AB, Aschebergsgatan 46, 41133 Göteborg, Sweden, Phone: +46 (0)31 18 21 60

GridLab

GridLab produces a set of application-oriented grid services and toolkits providing capabilities such as dynamic resource brokering, monitoring, data management, security, information, and adaptive services.

www.gridlab.org

Headquarters:

Poznan Supercomputing and Networking Center, Institute of Bioorganic Chemistry, Zwierzyńska 20, Poznan 61-704, Poland, Phone: +48 61 858 20 72

OMII-UK (Open Middleware Infrastructure Institute)

OMII provides a Web service infrastructure for building grid applications.

www.omii.ac.uk

Headquarters:

OMII-UK, 59/3235, University of Southampton, Southampton SO17 1BJ UK, Phone: +44 (0) 23 8059 8862

Platform Computing, Inc.

Platform products enable applications to dynamically and intelligently share resources through self-management, guaranteed service, resource provisioning and workload management across a grid.

www.platform.com

Headquarters:

Platform Computing, Inc., 3760 14th Avenue, Markham, Ontario, Canada L3R 3T7, Phone: (905) 948-8448

SDSC ROCKS

A robust and very popular cluster management software, integrated with Sun Grid Engine.

www.rocksclusters.org/wordpress

Headquarters:

San Diego Supercomputer Center, UC San Diego, MC 0505, 9500 Gilman Drive, La Jolla CA 92093-0505, Phone: (858) 534-5000

SDSC Storage Resource Broker (SRB)

A virtual platform for federated access to distributed data, including remote and dynamic data sharing, customized data collection and publication, and legacy data access and archiving. SRB is a product of the San Diego Supercomputer Center (SDSC), and is free for academic use.

http://www.sdsc.edu/srb/index.php/Main_Page

Headquarters:

San Diego Supercomputer Center, UC San Diego, MC 0505, 9500 Gilman Drive, La Jolla CA 92093-0505, Phone: (858) 534-5000

Sybase Avaki

Sybase Avaki Enterprise Information Integration (EII) abstracts physical data sources and creates a single virtual layer, which application developers can use to access and alter multiple heterogeneous data sources more easily.

<http://www.sybase.com/products/allproductsa-z/avakieii/sybaseavakifordatagrid>

Headquarters:

Sybase, One Sybase Drive, Dublin CA 94568, Phone: (925) 236-5000

University of Wisconsin Condor Grid Project

Provider for the Condor product. Condor provides a single tool that can manage a cluster of dedicated compute nodes and effectively harness otherwise wasted cycles from idle desktop workstations.

www.cs.wisc.edu/condor

Headquarters:

University of Wisconsin, Computer Sciences Department, 1210 West Dayton Street, Madison WI 53706-1685,
Phone: (608) 262-1204

Chapter 7.

Science and Engineering: High Performance and Technical Computing

Allinea Software

Parallel and high performance computing tools.

www.allinea.com

Headquarters:

Allinea Software, The Innovation Centre, Warwick Technology Park, Gallows Hill, Warwick CV34 6UW UK,
Phone: +44 (0)1926 623 231

Cadence Design Systems

Application-specific kits and new-generation platforms of integrated design technologies and methodologies that address all aspects of electronics design.

www.cadence.com

Headquarters:

Cadence Design Systems, 2655 Seely Avenue, San Jose CA 95134, Phone: (408) 943-1234

GAMESS (Iowa State University)

The General Atomic and Molecular Electronic Structure System (GAMESS) is a general *ab initio* quantum chemistry package.

<http://www.msg.chem.iastate.edu/gamess/>

Headquarters:

Iowa State University, 201 Spedding Hall, Ames IA 50011-3020, Phone: (515) 294-0452

Gaussian, Inc.

Commercial computational chemistry electronic structure package.

www.gaussian.com

Headquarters:

Gaussian, Inc., 340 Quinnipiac Street, Building 40, Wallingford CT 06492, Phone: 203-284-2501

Livermore Software Technology Corp. (LSTC)

Makers of LS-Dyna, a general purpose transient dynamic finite element program capable of simulating complex real world problems.

www.lstc.com

Headquarters:

Livermore Software Technology Corp., 7374 Las Positas Road, Livermore CA 94550, Phone: (925) 449-2500

MSC Software

Provider of simulation tools for virtual product development to the aerospace, automotive, defense and other industry such as MSC.Nastran, MSC.Patran, MSC.ADAMS, MSC.Marc, and MSC.EASY5.

www.mscsoftware.com

Headquarters:

MSC Software Corporation, 2 MacArthur Place, Santa Ana CA 92707, Phone: (714) 540-8900

The Numerical Algorithms Group (NAG)

NAG produces and distributes numerical, symbolic, statistical, visualization and simulation software for the solution of problems in a wide range of applications in such areas as science, engineering, financial analysis and research. NAG also has a complete portfolio of graphics and visualization software spanning 2D data representation to very high-end 3D visualization.

www.nag.co.uk

U.S. Headquarters:

The Numerical Algorithms Group, Inc., 801 Warrenville Road, Suite 185, Lisle IL 60532-4332, Phone: (630) 971-2337

Parametric Technology Corporation (PTC)

Product life cycle management, content management, and dynamic publishing solutions.

www.ptc.com

Headquarters:

Parametric Technology Corporation, 140 Kendrick Street, Needham MA 02494, Phone: (781) 370-5000

The Portland Group

Software compilers and tools for parallel computing.

www.pgroup.com

Headquarters:

The Portland Group, Inc., Two Centerpointe Drive, Suite 320, Lake Oswego OR 97035, Phone: (503) 682-2806

Scientific Computing Associates

Makers of parallel and cluster computing tools, including Linda and Paradise.

www.lindaspaces.com

Headquarters:

Scientific Computing Associates, Inc., One Century Tower, 265 Church Street, New Haven CT 06510, Phone: (203) 777-7442

Synopsys, Inc.

Electronic design automation software for semiconductor design. The company delivers semiconductor design and verification platforms and IC manufacturing software products.

www.synopsys.com

Headquarters:

Synopsys, Inc., 700 East Middlefield Road, Mountain View CA 94043, Phone: (650) 584-5000

TotalView Technologies

Range of products covering debugging and performance analysis technology to help developers complete projects on time and within budget.

www.totalviewtech.com

Headquarters:

TotalView Technologies, 24 Prime Park Way, Natick MA 01760, Phone: (508) 652-7700

Visual Numerics, Inc.

Technical software solutions for numerical analysis and visualization.

www.vni.com

Headquarters:

Visual Numerics, Inc., 2500 Wilcrest Drive, Suite 200, Houston TX 77042, Phone: (713) 784-3131

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