

# HP eLearning Portal Solutions for Education

.NET solutions from HP

HP eLearning Portal Solutions for Education provide a powerful education resource that brings teachers, students and their families together in a virtual environment to enable stronger collaboration and communication through a single sign-on portal. With these solutions, teachers can spend less time on paperwork and more time teaching while students can benefit from a richer, more robust learning experience. HP eLearning Portal Solutions are built with reliable, industry-standard HP hardware and services and Microsoft® software and are designed to integrate easily into your existing information technology environment.

HP eLearning Portal Solutions help you improve information sharing and collaboration among all stakeholders in the education process.



FRONTLINE PARTNERSHIP

“We wanted to create a more inclusive experience for students with learning disabilities and provide distance learning support for students who may not be able to physically get to school. A digital environment makes the physical distance between people or between students and teachers irrelevant by bringing them all together in a virtual environment.”

—Piero Iacuzzi, Technical Director  
Project MARTE, Sardinia, Italy



## The education challenge

Education is a powerful instrument for reducing inequality, improving social well-being and laying the foundation for sustained economic growth. It comes as no surprise that communities around the world are seeking better access to more robust education tools and resources for their students and teachers.

One way to address this need is through technology-based, eLearning delivery systems. Establishing an eLearning infrastructure requires the development of a virtual learning environment, known as an eLearning portal, which helps students and their families gain access to education information and materials at any time, from any location, without having to enter a school building. While this is a highly appealing concept for many communities, several important considerations need to be addressed including:

- Protection for the privacy of students and security for proprietary institutional information
- Ease of implementation and use of the new system
- Compatibility with existing IT systems
- The challenging economic environment that many communities are facing

In addition, many teachers are also concerned with the increasing amount of paperwork that they are required to complete. Instead, they would like to focus more of their time on instructional activities with their students.

## Improve information sharing and collaboration

HP eLearning Portal Solutions for Education remove the obstacles to successful delivery of educational information and service and address the key concerns of educators, school administrators and their communities.

The HP eLearning Portal Solutions for Education strengthen communication, collaboration and information sharing among all stakeholders in the education process—teachers, students, families and school administrators. With this solution, students have access to a richer array of education resources while teachers can collaborate more effectively with their peers and gain easy access to a broader array of instructional resources.

HP eLearning Portal Solutions are designed by HP consultants to address the specific education needs of your community and are based a mix of industry-standard HP and Microsoft technologies, including the proven Microsoft Learning Gateway Framework. To complement your HP eLearning Portal, HP provides training and support services that include prescriptive guidance to enable your school's IT decision makers to align costs, performance, security and service levels with the education requirements of your community.

## The HP solution

Your HP eLearning Portal Solutions for Education can include the following elements:

### HP technology and services

- **HP consulting and integration services** to perform a comprehensive needs assessment to determine your specific requirements. Once these are defined, HP consultants will then design and build the eLearning Portal solution to meet your requirements. This includes integration with your existing applications and IT systems.
- **HP ProLiant servers and HP StorageWorks storage systems** to permit the solution to grow and adapt to changing demands from your educational community and to provide you with a highly reliable system at an affordable price.
- **HP Virtual Classroom**, based on Microsoft Live Meeting, provides remote teaching capabilities.
- **HP Education Services** to train and provide support for your IT staff and facilitate change management with teachers and other school administrators to enable a smooth transition to your new system.
- **HP managed services** are available to manage both the technical components and operational aspects of the HP eLearning Portal solution on an ongoing basis.
- **HP support services** can provide coverage for your entire solution, including any customization of standard Microsoft products to help keep your system running at peak performance.

### Microsoft technologies

- **Microsoft Class Server** to create, deliver and grade standard-aligned tests and lessons over the portal, helping the teachers to track and improve achievements against curriculum standards.
- **Microsoft Office SharePoint Portal Server** to provide collaboration and information sharing.
- **Microsoft Office Live Communication Server** for real-time collaboration services
- **Microsoft Exchange Server** for messaging and calendaring services
- **Microsoft Internet and Security Accelerator Server** to provide a secure environment for your solution.

### Leverage the strength of the HP-Microsoft partnership

Building on the depth and breadth of a long-term partnership, HP and Microsoft are accelerating the next generation of computing with solutions based on .NET web services technologies. HP has one of the world's largest, most specialized forces of .NET experts, combined with the broadest choice of technology platforms in the industry. HP's 23,000 Microsoft-trained services personnel and 3,500 Microsoft Certified Systems Engineers (MCSEs) are part of its worldwide services team of 65,000 professionals.

In recognition of our extensive capabilities, Microsoft has endorsed HP as a Worldwide Prime Integrator for .NET technologies. You benefit from this partnership by getting proven educational solutions from two industry leaders working together in your behalf.

## Solution benefits

### Expand education resources and capabilities

HP eLearning Portal Solutions provide you with a cohesive, integrated system that enhances the learning experience for your students and teachers by enabling them to access robust educational resources any time and from any location. Teachers, students and families can communicate and collaborate faster and more efficiently. You can also extend educational offerings easily to reach and serve more members of your community. With the new system, teachers can spend less time on paperwork and more time doing what they do best: teaching.

### Customized approach

HP's eLearning Portal Solutions for Education modular framework enables HP consultants to design and implement an eLearning solution specific to the needs of your educational community. HP consultants will conduct a detailed needs assessment to make sure that your requirements are addressed.

### Reliable, secure solutions at an affordable price

HP's expert consultants will design and build a reliable, scalable infrastructure for your eLearning applications with proven hardware systems from HP and Microsoft software based on economical, industry-standard technologies. HP helps ensure that your new system is secure by applying HP's extensive security expertise, best practices and leading security technologies.

### Fast and easy deployment for quick impact

HP's solutions allow you to accelerate development and implementation of educational applications with industry-standard components from Microsoft and HP that integrate easily with your existing IT environment. This saves time and reduces financial risk. Pilot projects can also be implemented quickly and leveraged to scale the solution further over time. HP specialists train and support your staff to enable a smooth transition.

### Flexibility for future growth

HP eLearning Portal Solutions are highly scaleable and can be easily expanded to address future needs. District, regional or national education departments can also use these solutions to create a unified data model to share information and education resources securely across a wide geography.

"HP is truly a partner in bringing one-to-one wireless learning to children throughout Michigan. Its commitment reaches far beyond simply providing computers for the classroom; HP is dedicated to helping us improve education."

**Bruce Montgomery, Ph.D.,**  
Executive Director  
Freedom to Learn Program,  
Michigan Department of  
Education, USA

## The HP advantage

In educational environments, IT teams wrestle with many needs: maximize the value of your IT investments. Improve communication and collaboration. Comply with government requirements. Improve operational processes. Transform the learning experience. HP understands these educational needs, and we work with you and your staff in a collaborative partnership to help you meet them. HP brings a number of important strengths that you can leverage to better address the education challenges in your community.

### Proven experience

From individual local school districts to state, regional and national education authorities, HP solutions are helping educators around the world provide a richer, more robust education experience for their students.

### Recognized expertise

As a technology solutions leader, HP consultants draw upon well established, proven best practices, from both the private sector and public sector, to design and integrate new systems and solutions. HP has one of the world's largest, most specialized forces of Microsoft technology solution consultants in the industry. In recognition of HP's proven experience, expertise and extensive solutions capabilities, Microsoft has endorsed HP as a Worldwide Prime Integrator for Microsoft .NET technologies.

### Comprehensive product line

HP offers a complete line of reliable, industry-standard servers, storage systems, desktop and notebook PCs, handheld devices, and management software products to help you build the education solution your community needs. HP also provides expert, end-to-end services to cover all of your service and support needs including planning and design, implementation, training, technical support and management services.

### Collaborative approach

HP works collaboratively with educators, administrators and our technology partners to design, build and deploy solutions that are highly adaptive and that can be implemented and managed with minimal disruption or expense. The HP approach to innovation embraces open, heterogeneous architectures that integrate easily with your existing IT resources.

### Microsoft partnership

HP and Microsoft have been working closely together for over 20 years on a wide range of activities including joint engineering, product development and testing, and customer service and support. Through one of the most unique alliances in the industry, the HP-Microsoft FrontLine Partnership, HP and Microsoft have developed a shared vision aimed at providing you with solutions that deliver an exceptional total customer experience at an affordable price.

### Global citizenship

Education is about more than numbers and budgets. It's about enriching the lives of students, families and the greater public. HP shares this higher focus. HP invests in skill development and education programs through philanthropic outreach efforts all around the world. HP strives to further the lives of individuals and to spark the economic growth that improves the well-being of people from local communities to entire nations.

### Take the first step to address the education challenge

To learn more about how HP eLearning Portal Solutions for Education can help you address the education challenge in your community, contact your HP representative or visit: <http://government.hp.com/>.

"We see communication and collaboration as integral to education in today's world, and when a child connects to the datacenter, he or she will have access to electronic mail, text conferencing, video conferencing and video streaming. We will have a rich range of multimedia content available to them and teachers will also be able to search for appropriate content to develop lessons which will be delivered on-line to the child."

**Roy Beattie, Integration  
Director for C2K  
Northern Ireland Department  
of Education**

For more information, visit: <http://government.hp.com/>

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