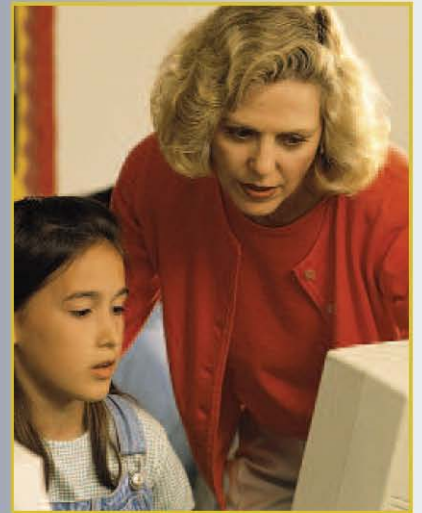# Network Communication Systems
Solutions for Education

The Center for Educational Leadership and Technology (CELT) helps K-12 leaders develop the IT infrastructure and systems aligning technology with the core the mission of promoting student achievement and accountability

We offer:

- Technology-enriched classrooms and facilities services
- Procurement and implementation support
- Disaster Recovery and Business Continuity Planning
- IT performance management with ITIL™
- Network and IT Systems strategy and leadership

Meeting Your Needs through Effective Communications Systems

As an IT Architect and technology systems integrator, the experts at CELT help districts thoughtfully plan and implement their Network Communications Systems to respond to the evolving demands placed on the IT infrastructure and the increased need for reliability. CELT experts work with your district personnel to provide:

- Needs Analysis & Strategic IT Planning
- Return on Investment/Total Cost of Ownership
- Detailed Facilities Engineering & Design
- Specification and Procurement Support
- Project Oversight & Supervision
- Implementation Support and Management

No school district would consider building a new school without using an architect. And it would be risky for a school district to hire an architect with little or no experience in the design of effective learning environments. When building or improving the digital technology infrastructure for your schools, the same principle applies. You need an architect with knowledge and experience in not only the technology but also in its application for effective teaching and learning. CELT is that architect, designing comprehensive information technology blueprints addressing the specific needs of schools, districts, education service agencies, and state agencies.

Empowered through Community Connectivity

Communication
Dynamic connections to the outside world keep learning communities growing. Bringing in local experts creates perspectives for teachers and students external to the confines of the classroom. This results in greater perspective by introducing students to events, changes, and innovations occurring globally.

Collaboration
Students learn to work collaboratively and solve problems while taking advantage of the opportunity to work with staff in the school and experts in the community. Teachers have the time to work with one another to share ideas and to collaborate on instructional practices. Community leaders can allocate resources where they're needed most by gaining a better understand of how they're used.
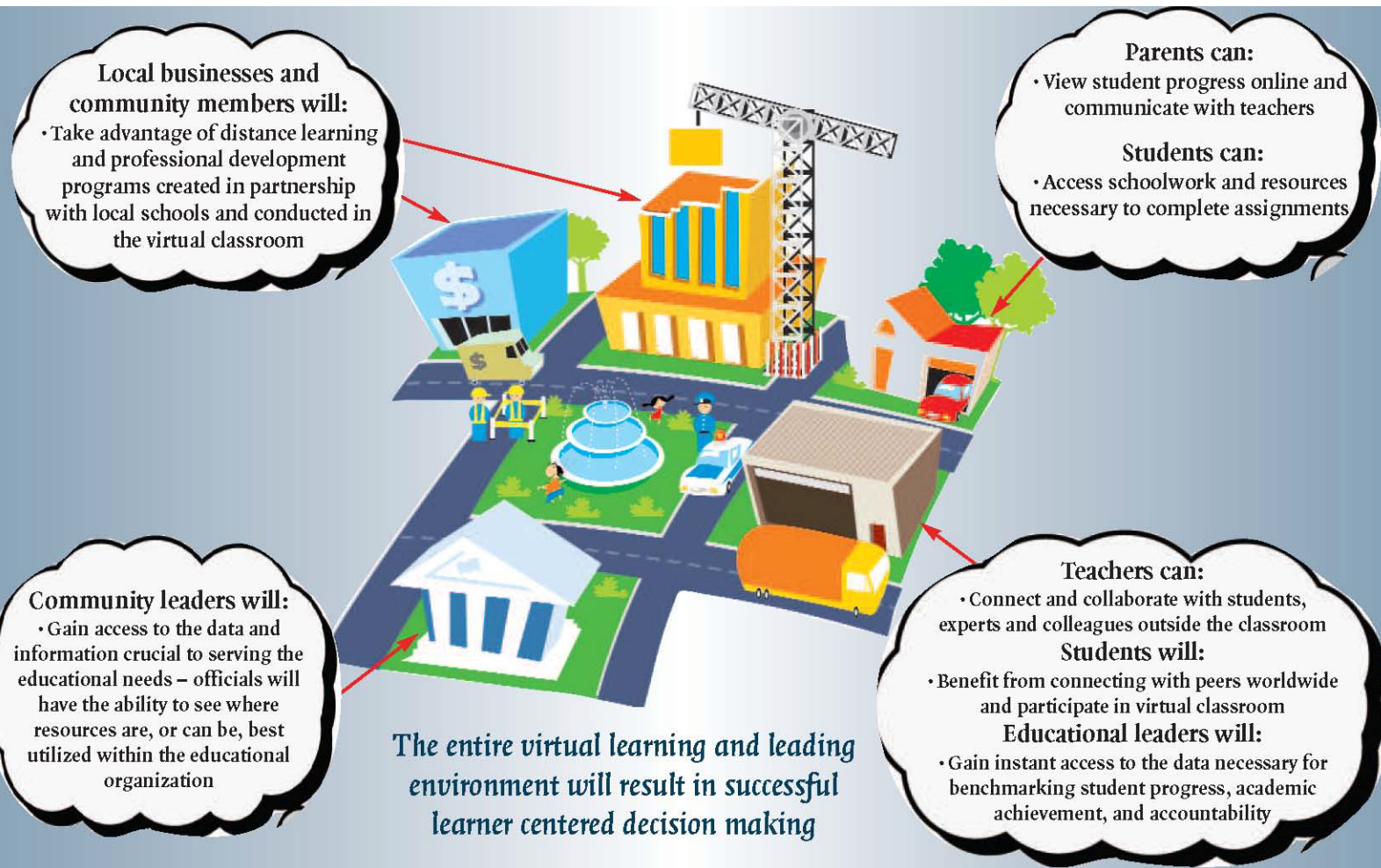
Content
Students, teachers, parents, and school staff have technology, as well as technical and instructional support readily at hand. The issue of multimedia or online information enhances student learning and engages students of today.

Assessment and Evaluation
Technology-based applications will provide individualized and continuous feedback to students based on frequent, formative assessments. Teachers will have more immediate and accurate feedback on student performance, allowing educators to adapt instruction as necessary. Online assessments also facilitate the rapid transfer of data to other levels of the education system.

Computing Collaboration Beyond the Classroom...and the Clouds

Local businesses and community members will:
· Take advantage of distance learning and professional development programs created in partnership with local schools and conducted in the virtual classroom

Parents can:
· View student progress online and communicate with teachers

Students can:
· Access schoolwork and resources necessary to complete assignments

Community leaders will:
· Gain access to the data and information crucial to serving the educational needs – officials will have the ability to see where resources are, or can be, best utilized within the educational organization

Teachers can:
· Connect and collaborate with students, experts and colleagues outside the classroom

Students will:
· Benefit from connecting with peers worldwide and participate in virtual classroom

Educational leaders will:
· Gain instant access to the data necessary for benchmarking student progress, academic achievement, and accountability

The entire virtual learning and leading environment will result in successful learner centered decision making

Building the 21st Century School
The Computer Is the Network

The ever-evolving global technological landscape has resulted in large part from the advancement in communications and networks, including the Internet. Learning organizations are challenged to keep up with the demand and those that can identify the opportunities and leverage the technology will benefit in the long term.

For most, how electricity arrives at the outlets that power our devices is of little concern; it just has to work reliably and consistently. Today, this concept of utility has transcended to information technology. The concept of "Cloud Computing" is the future electricity powering information technology – it is of little concern how IT works or who provides IT – IT just has to work reliably and consistently. Teachers, students, and administrators need to do their work with little concern for how the communications and computing resources occur or where the information is stored and maintained. This "client-server" relationship has always existed since the first network was created. However, we are now ready to move the computing power and storage traditionally found on the user's desktop to "the cloud." CELT is here to help you leverage your IT solution, offering your teachers and students the tools necessary to succeed.

CELT has long been recognized as a national leader in cost effectively obtaining the right technology and planning its application in learning organizations. With the help of CELT's Network and Communication Systems experts, it's what you can't see in the cloud that will help you achieve your goals.

How Will I Benefit?

Your network doesn't have to consume your financial resources! CELT's network communication systems give you the flexibility of moving towards managed services, which can be particularly attractive to organizations with small or limited data center needs.

Reduce or eliminate the need for capital purchasing of equipment to replace aging infrastructure or to deploy new services.

Schools can reallocate resources typically devoted to IT infrastructure maintenance and support to the core business goals and objectives.

Schools will benefit from increased reliability and lower Total Cost of Ownership (TCO).

Let CELT help you put your business back on track

About the Center for Educational Leadership and Technology (CELT)

For nearly two decades CELT has helped align leadership, learning, and technology in support of improved student achievement by working collaboratively with educational organizations to support and transform teaching, learning, and administrative processes. CELT is one of the largest and most comprehensive providers of research, planning, and implementation services for public/private schools, education service agencies, and departments of education. CELT's purpose is to help learning organizations attain their vision, mission, and goals by integrating high-quality programs, services, and technology with the organization's people and processes in a timely, efficient, and cost-effective way.

Visit us online at www.celtcorp.com

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