National Semiconductor

As we head into the next millennium, technological innovation has become a way of life. Today's children are growing up in a world of information moved along by high-technology devices such as electronic games, computers, cellular phones, DVD players and more. Without a doubt, technology will change the world around them – and the way they live. But will they be prepared for the information-driven careers and social changes that lie ahead?

National Semiconductor knows technology and education go hand in hand, and is committed to being a part of the solution. We believe educators must connect students to the world of technology today in order to prepare them to be knowledgeable citizens tomorrow – and we believe it can only be done with the right training and the right tools.

Interactive Internet Training

National's Internet Training Initiative gives educators free, interactive training via the Internet. *Global Connections Online* is a Web-based training program that offers teachers a unique opportunity to experience first-hand the features, functions, and emerging technologies that make the Internet an increasingly powerful resource for learning.

Global Connections Online combines cutting-edge, Web-based technology with chat sessions and discussion groups to foster communication and collaboration among participants. In addition to the online component, *Global Connections Online* features a printable version of the course and a Leader's Guide, so teachers who are familiar with the Internet can guide beginners through the course acting as coaches to their colleagues.

National invites any teacher, any time, any where to join the thousands of educators worldwide who are participating in this program. Visit *Global Connections Online* at www.national.com/training today.

Who is National Semiconductor?

National Semiconductor is a leading supplier of processor, analog and mixed-signal devices – technologies designed to connect people to the power of information.

National's chips are at the heart of hundreds of electronic systems such as computers, networks, telephones, and televisions…products that help people connect to the Internet — and to each other.

Because we recognize the significance of the Internet as a remarkable information channel, National is committed to supporting education initiatives that enable educators and students to realize the full potential of this vast resource.

New Tools for Learning

It's important to equip educators with tools that enable rapid communications and processing. New electronic devices, designed to conveniently access and share information, are ideal for the classroom setting.

Imagine a computer network that enables students to experience the latest communications technologies hands-on, without depleting the school budget. With thin-client computing, organizations can reduce costs *and* enjoy the conveniences of advanced technology. Thin clients are streamlined desktop access devices connected to a central server where the bulk of the information is stored and processed.

The benefits of this server-based system are plentiful. Thin clients are built for reliability and durability.

The server handles execution of applications. This advanced process relieves organizations of the constant upgrades that traditional computing requires. Software upgrades and other IS management functions are centralized, thus eliminating the need to "touch" individual desktop units to make updates. This saves time in maintenance and training, because everyone can make the transition to an upgrade at the same time. Thin-client computing also provides a unique feature called "shadowing" designed for easy classroom administration. Shadowing lets the teacher view each student's progress on a master workstation. Thin clients are easy to implement because they leverage existing network infrastructures. Data security is increased in a thin-client computing environment because the slim devices do not store information locally. All of these benefits combined lower the total-cost-of-ownership (TCO), making thin clients a cost-effective solution for the educational environment.

The world – inside and outside the classroom – is changing, and technology is driving that change. National Semiconductor's goal is to provide educators with the training and tools necessary to enhance the learning process within the classroom and beyond.

Benefits of Thin-Client Computing

- Provides reliable and durable systems
- Enables easy classroom administration
- Increases time for teaching and learning
- Leverages existing infrastructure
- Saves time through centralized maintenance and support
- Increases data security
- Lowers total cost of Ownership

National Semiconductor®

2900 Semiconductor Drive
P.O. Box 58090
Santa Clara, CA 95052-8090

Visit our website at:
www.national.com

For more information:
send email to education@nsc.com