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# Optimum IT Structures for Research and Education!



Networking Infrastructure Solutions  
Advanced Infrastructure Solutions  
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2009 Preferred Partner



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## ***Creating a modern educational environment at schools and colleges – one of the important tasks of information technology.***

***Here's how you and your organisation can benefit from IGEL thin clients:***

- by cutting power costs, which also helps to protect the environment,

- by using the resources in your existing IT infrastructure more efficiently,

- by efficiently and flexibly structuring your overall IT system, now and in the future,

- by permanently lowering your IT costs.



***Deverill's ability to design and deliver world class computing solutions utilising IGEL thin clients and our unique managed services can help you deliver better IT in the Education Sector.***

Modern information technology is changing the scene at schools and institutions of higher learning. University computer centers are functioning as service providers and provide a broad array of workstation applications and research tools available for users.

This means that students can learn and conduct research far more effectively than ever before. On the other hand, it also means that IT managers are under a lot of pressure to save costs. Budget constraints for IT services are forcing IT departments to find ways to use their limited resources to implement broader ranges of services; in other words, to provide more with less.

What exactly does this mean? According to a study published by Mummert Consulting, 85% of IT managers in public institutions feel that tight budgets will be their greatest challenge in the coming years. In fact, most of the costs associated with IT management are caused by administrative burdens and the need to support existing systems.

**A well-planned and targeted migration to virtual desktops or server-based computing combined with modern thin clients is an excellent way to cope with budget constraints and permanently cut costs. By implementing this lean system infrastructure, administrative costs alone can be cut by up to 70%.**

**The reliable, centralised management allows additional workstations to be quickly and easily integrated as needed. But that's not all. Thin clients can cut power consumption by up to 51% and help protect the environment through less use of materials, less transport and less electronic waste (e-waste).**

IT Costs at Universities	
<b>Direct costs – budgeted</b>	
Hardware and software	11 %
Management and user support	43 %
Application development	6 %
Communication costs	2 %
<b>Indirect costs – not budgeted</b>	
Downtime	18 %
Mutual support among users	20 %

Source: Gartner and Forrester Research, B. H6hmann, Philipps-Universität Marburg (Germany)

## *Innovative technology ideally applied.*

The high flexibility and the broad range of IGEL's product portfolios enable quick integration into the greatest variety of IT environments.

In addition to premium equipment, IGEL thin clients also offer high levels of performance and connectivity. The devices can be deployed in all commonly used server and host systems or be browser - based. This flexibility allows them to readily fit into already existing IT infrastructures.

IGEL is particularly concerned about security. As a special feature in this regard, IGEL offers an integrated smart-card reader as the basis for implementing comprehensive, certificate-based, scalable authentication systems.

These easy-to-use and user-friendly authentication systems facilitate the implementation of IGEL thin clients in places like university libraries and classrooms.

By default, IGEL thin clients come with a wide range of firmware featuring many useful applications. The firmware includes such applications as local browsers, as well as extensive emulation capabilities permitting access to UNIX applications. Comprehensive multimedia support is also included. This means that IGEL thin clients can be customised to meet specific customer needs.



IT that adapts to specific needs of new user groups of pupils and students

Easy connection of all devices used in today's classrooms

Protection against Internet-based threats

Availability of convenient multimedia teaching/training tools

Simultaneous deployment in different types of server and host environments

Smart card-based security solutions

Design features that prevent theft and minimise downtime

Robust and quiet (no noisy cooling fans) for use in libraries

DVI and analog connections for high-resolution dualview operation in different widescreen formats

Serial, parallel and USB interfaces for connecting external devices

A clear ecological advantage: uses up to 51% less electricity

## Deverill

Deverill is a leading provider of integrated IT Solutions and Services to public and private enterprises throughout the UK.

Established in 1979 with a prestigious client base, Deverill has acquired a vast experience of IT product, service and training delivery. It prides itself on its ability to understand the needs of its clients and to provide solutions that meet those requirements in full. To ensure that it meets its own very high quality standards Deverill is an ISO9001:2000 Approved Company with the business procedures and processes in place to ensure we meet our quality of service goals.

### *We are here for you*

Our IT team has extensive know-how in the education sector and is available for personal consultation. We will support you with an in-depth analysis of your needs, establish specifications, and of course, we will assist you in implementing our equipment into your existing system.

See IGEL thin clients in practical application for yourself. Your personal test equipment is ready for you now.

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