

FOLGAT AG

offers economical solution for providing the computer resources with a multiuser access on the basis of the NComputing technology

Computer networks based on the terminal clients access go now through the booming development. How can be explained this interest, which breeds rapidly, from customers to terminal networks?

The most obvious fact is that informational technologies are one of state-of-the-art business processes components. Implementation of terminal access allows for networks to minimize costs for maintenance and managing with computer techniques to companies at work in office and to extend information security and integrity for extending of the working efficiency.



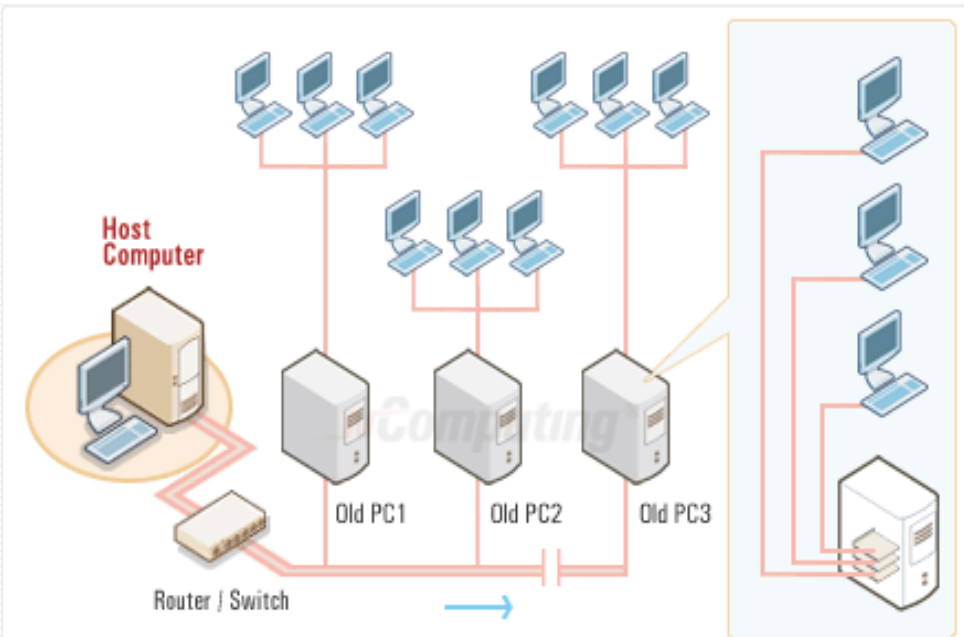
- ▶ Products of **NComputing**—ultra-thin terminals, providing the multiuser access to one computer.
- ▶ Technology **UTMA** (UltraThinMultiAccess – Thin client technology) has allowed company **NComputing** first-ever to put on the market terminal devices without processor, hard disk and other demountable carriers presented in the usual computer.
- ▶ Protocols **WoIP** (Windows over IP) and **LoIP** (Linux over IP) created by the company **NComputing** allow to use on one desktop computer to **10** (on the basis Windows Server 2000\2003 – to **30**) terminals in a mode of full emulation Windows or Linux over a standard stack of protocols TCP\IP.

The multiuser access with using of NComputing technology. Terminal solutions for banking institutions and offices

Up-to-date computers frequently possess more powerful resources in comparison with what are necessary for the organization of working process in office. As a result each computer is used only on 10-20 % of their potential capacities. It is obviously that companies actually “stand idle” 80-90% of working time (computers).

Adding to this standard PC need regularly upgrading of hardware component for satisfying the new software level.

In aggregate these above-mentioned reasons result in waste of time and resources.

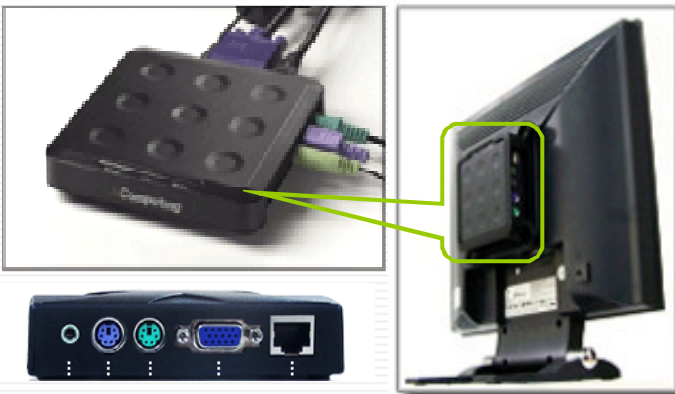


10 NStations and one powerful PC

Typically, old and underpowered PCs would be thrown away or stored and never used again. With available PCI slots, these discarded PCs can be upgraded to work as individual terminals with the increased power of a Host PC. This allows for an easy and cost-efficient upgrade solution.

Software developed by NComputing gives the ability to enable all unimplemented potential for few users at the same time.

Monitor, keyboard and mouse of each user will be connected to small and highly reliable access device, which then will be linked up to the general computer.



Advantages of use of ultra-thin clients NComputing

▼ Ultra-thin clients NComputing	▼ Thin clients of other producers	▼ Conventional PC
▶ Management		
<u>Centralized</u> due to software, which will be provided free in the set	<u>Centralized</u> due to software, which will be provided free in the set	<u>Decentralized</u> needs additional control facilities, takes more time and resources
▶ Supported operating systems		
Win Xp; Win 2000 \ 2003 serv; Linux	Win 2000 \ 2003 serv; Linux	Win Xp; Win 2000 \ 2003 serv; Linux
▶ User 's errors		
Are limited by such applica- tions, that can be operated by users	Are limited by such applications, that can be operated by users	<u>High level</u> is stipulated by great number and complicity of installed applications
▶ Cycle of park updating		
8-10 years	8-10 years	3-4 years
▶ Reliability		
<u>High</u> (lack of moving parts and additional parts excepts the possibility of wreck)	<u>High</u> (lack of moving parts and additional parts excepts the possibility of wreck)	<u>Middle</u> (often fans, HDD and PSU fail). It is a need in the spare parts storage for maintenance
▶ Upgrade necessity/cost		
<u>Low</u> , because of producing of upgrade on server	<u>Low</u> , because of producing of upgrade on server	<u>High</u> , it is a need in the upgrade of whole PC - park
▶ Noise level		
0 dB	0 dB	About 20 dB
▶ Power consuming		
5 Wt	12-30 Wt	to 350 Wt
▶ Setting and Connecting (amount of time)		
<u>3 min each client</u> Setting of software and operating system can be carried out only on server	<u>3 min each client</u> Setting of software and operating system can be carried out only on server	<u>At 50 mins</u> Setting of software and operating system can be carried out on every computer
▶ HWD		
115 X 115 X 26 (can be fastened on the rare computer wall)	1\4 of the PC area	PC
▶ Warranty period		
3 years	3 years	From 1 to 3 years

Budget decision of NComputing

Use of up-to-date technologies of **NComputing** provides multiuser access to computer resources **with minimal expenses** in comparison with alternative of work place equipping with conventional PCs:



- ▶ Purchasing costs reduction – **60 %**
- ▶ Costs reduction for maintenance and support – **75 %**
- ▶ Power consumption reduction – **95 %**

All necessary consultations for the NComputing “Ultra-thin client” use you can get from managers of our company



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