



NCD Thin Client PC™ Solution

Ease-of-use, flexibility of PC, control of a thin client
A best-of-both worlds solution

Thin Client PC™ Highlights

- Flexible software to “future proof” your environment
- Control of a thin client without the limitations
- No compromise choice
- Increase economy and leverage existing resources
- Easy to use

Thin Client PC: a PC or a thin client

A personal computer (PC) combined with ThinPATH PC and ThinPATH Portal is the ultimate thin-client solution. Built to work with the standard Microsoft Windows operating system, the NCD Thin Client PC solution is inherently flexible with any PC at its core and cost-effectively functional with ThinPATH software to manage the ThinPATH PC-enabled desktops as if they were traditional thin clients.

Flexible software to “Future Proof” your environment

Businesses are looking for a non-proprietary solution that is proven in the workplace and allows the flexibility to add on as infrastructure demands increase. Thin Client PCs offer the flexibility of having the CPUs needed for any foreseeable computing requirements and having a solution that will allow you to integrate your environment with both new and existing PC hardware. A Thin Client PC with ThinPATH PC works on existing older Microsoft operation systems, which means that upgrading to the latest Microsoft desktop release is not required. It works on Windows 95, 98, 2000 and XP.

Control of a thin client without the limitations

The ThinPATH PC and ThinPATH Portal server software provides all the highly secure, centralized control, configuring and management traditionally associated with thin clients but without the limitations. An administrator has the ability to have total lock-down control and easy scalability of management of the Thin Client PCs in the organization's network. By selectively controlling the enabling of capabilities, the Thin Client PC can be locked down to such a limited set of functions that it appears and functions like a KIOSK without any of the traditional PC tools or utilities showing through to the end user. Desktops can have the server connections centrally defined and distributed to selected machines or machines grouped into organization entities that have the same defined functions, server and application access. This classical thin client functionality comes without the cost of vendor specific platforms. The ThinPATH PC works on any PC platform with the only prerequisites being that the operating system must at least Windows 95 or newer (98, 2000, XP) and that the desktop has IE 5.5 or newer installed. ThinPATH PC and Portal also offers a central control point for managing local desktop applications and peripherals including scanners, readers, biometrics, and auxiliary displays.

No compromise choice

Thin Client PCs offer the option of local application support such as a full-function local browser, which meets the needs for local storage for caching, storing favorites, history and configuring flexibility. Thin Client PCs can fulfill the expectations of browser functionality established by the mainstream PC desktop implementations. Now intense graphics capabilities in both rendering complexity and color depth are possible for thin-client managed desktops. Visual appearance both in quality and performance is the same as what is achieved with a traditional PC. The ability to have a full-function, no-compromise local desktop browser also enables multimedia capabilities, both audio and video and is another example of the strength that ThinPATH PC offers. Applications reside in the appropriate location, with controlled access, providing the best balance of both the robust PC desktop functionality and the highly manageable server-centric world.

Increase economy and leverage existing resources

Thin Client PCs offer the same benefits of increased economy and scalability as traditional thin clients. Functionality like centralized configuration, deployment and management as well as automatic software delivery translates into less staff to manage more desktops and increased support. Helpdesk functionality is quick and easy with our mirroring software available in our companion software, ThinPATH Executive. Maintaining the low cost of ownership that was previously only achievable through the use limited function thin clients can now be achieved with the ThinPATH PC. The major benefits are:

- Administrator to desktop ratio of thin client – 1 to 100-200 not unusual
- Centralized management, configuration and installation
- Centralized software upgrades and migration
- Remote desktop management access – help desk
- Treat as a thin client for repairs- plug and play
- Hidden or indirect costs of support gone – no informal or local technician keeping things going
- Central data management – single system image - share, backup, restore

Easy to use

ThinPATH PC and ThinPATH Portal make the NCD Thin Client PC solution easy to implement, easy to maintain and easy to use. There is no need to get extensive training or new staff. Your standard network administrator will find it intuitive and easy. Users find the environment less confusing than a standard PC environment because the shell enables them to only see what is relevant.



Comparison Matrix NCD Thin Client PC™ Solution v. Thin Clients

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Desktop Requirement	System:	NCD Thin-Client PC	XP-Embedded	CE.NET	E.LINUX
1. Flexible solution		Yes	NO, limited	NO, very limited	NO, limited
2. Non-proprietary solution		Yes	NO	NO	NO
3. Use existing PCs as well as integrating new ones		Yes	NO	NO	NO
4. Local application support		Yes	NO	NO	NO
5. Central Management		Yes Rich, Easy Any HW	Limited, HW Vendor Specific	Limited, HW Vendor Specific	Limited, HW Vendor Specific
6. Full Function Local Browser		Yes	NO	NO	NO
7. Automated software delivery		Yes	Limited, HW Vendor Specific	Limited, HW Vendor Specific	Limited, HW Vendor Specific
8. Highly secure		Yes	Yes	Yes	Yes
9. Low TCO		Yes	Yes	Yes	Yes
10. High degree of control		Yes	Yes	Yes	Yes
11. Matches customer PC preference in market		Yes	NO	NO	NO
12. Extended life solution for PCs afforded with "Thin PC" structure		Yes	NO	NO	NO
13. Avoid technology risk		Yes	NO	NO	NO
14. Future proof your environment		Yes	NO	NO	NO
15. Software changes by customer		Yes	NO	NO	NO
16. Local peripheral support – scanners, Readers, biometrics, aux display, etc.		Yes	Limited, HW Vendor Specific	Limited, HW Vendor Specific	Limited, HW Vendor Specific
17. USB Port		Yes	Limited, HW Vendor Specific	Limited, HW Vendor Specific	Limited, HW Vendor Specific
18. DVD Support		Yes	NO	NO	NO
19. CD ROM Support		Yes	NO	NO	NO
20. Customized software support		Yes	Vendor build	NO, Port	NO, Port
21. Multi-media / high end graphic support		Yes	NO	NO	NO
22. HW Performance – newly purchased PC At a similar price to thin client		5x – 10x	1x	1x	1x
23. VPN Software		Yes	Supplier build	NO	NO
24. Speech recognition		Yes	NO	NO	NO
25. Microphone		Yes	NO	NO	NO
26. Stable environment		Yes	Yes	Yes	Yes
27. Price		Yes	Yes	Yes	Yes