

# Match Thin Clients to Users' Needs and Help Keep Healthcare Moving

Improve the user experience of healthcare workers throughout your organization with the right device for the job.

## One Size Doesn't Have To Fit All

Thin clients are popular in healthcare settings where applications or desktops are delivered virtually, such as with Citrix® XenApp® or XenDesktop®. Even with virtualization though, endpoint performance can impact user experience. To better understand that impact, Prowess Consulting ran a number of simulated healthcare workloads on a range of clients spanning entry-level processors (including an Intel Atom® processor, an Intel® Celeron® processor, and an Intel® Core™ i3 processor) to more powerful processors (Intel® Core™ i5 and Intel® Core™ i7 processors), to see which work best for healthcare users' needs. In our testing, we looked at the needs of task workers, who primarily need access to virtualized applications and collaboration tools, and the needs of knowledge workers, who also need access to specialized applications and content-creation tools.

Get the full details at [www.prowesscorp.com/healththinclient](http://www.prowesscorp.com/healththinclient).



Faster processors benefit workers who rely on a mix of virtual and locally installed applications.



All devices tested worked well for providing virtualized access to one or a few applications.



Even for virtualized application access, more powerful processors enable faster access and increase overall productivity.

## Reliable Virtualized Access

Overall, thin-client devices with more powerful processors enable faster virtual application access, but any of the devices we tested can provide adequate or comparable performance.



More powerful processors are

**21–155% faster**

for working in XenApp®.

## Improve Performance

Locally installed applications, such as VoIP services, and thin clients with more powerful processors enable faster collaboration.



More powerful processors are

**29% faster**

for collaboration in Skype® for Business.

## Maximize Compute-Intensive Performance

Demanding applications, such as a picture archiving and communication system (PACS) or medical-transcription software, and multitasking across several applications are both faster with the most powerful processor that we tested—the Intel® Core™ i7 processor.



The Intel® Core™ i7 processor is **63% faster** for medical transcription than other processors tested.

## Match the Client and the User

To match processing performance to tasks, choose the right thin-client devices and processors for your users' roles.



## Pick a Thin-Client Device Powered by the Right Processor for Your Users' Needs

Read the full report: [www.prowesscorp.com/healththinclient](http://www.prowesscorp.com/healththinclient)

The analysis in this document was done by Prowess Consulting and commissioned by Intel.

Results have been simulated and are provided for informational purposes only. Any difference in system hardware or software design or configuration may affect actual performance.



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