

Client software

The client layer of the Time & Labor and Scheduling products contains browsers, operating systems, a Java Runtime Environment (JRE), and other supporting technologies.

All Time & Attendance and Scheduling products have a Java user interface. For less demanding system requirements, Workforce Timekeeper can optionally be run with an HTML user interface.

Client software requirements

Item	Requirement
Operating system	<ul style="list-style-type: none"> • Microsoft Windows Server 2003 (32-bit), service pack 1 — Standard, Enterprise, Datacenter, Small Business Server Editions¹ • Microsoft Windows Server 2003 (32-bit) R2 — Standard, Enterprise, Datacenter, Small Business Server Editions¹ • Microsoft Windows XP with service pack 2¹ • Microsoft Windows Vista¹ • Mac OSX 10.4.8²
Browser support	<ul style="list-style-type: none"> • Microsoft Internet Explorer 6.x, 7.0 • Mozilla Firefox 2.0+ • Safari v2.0.4
JRE support	Sun JRE 5.0 (1.5.0_10+) — ships with Workforce Timekeeper
Processor (Intel Pentium) ³	<ul style="list-style-type: none"> • Windows XP machines: 333 MHz (minimum) • Windows Vista machines: 1 GHz <p>Minimum requirements for types of users:</p> <ul style="list-style-type: none"> • Employee/supervisor: 200 MHz (minimum); 400 MHz (recommended) • IS administrator: 300 MHz (minimum) • Kdemo user: 1 GHz
RAM ⁴	<ul style="list-style-type: none"> • Windows XP machines: 128 MHz (minimum) • Windows Vista machines: 512 MHz (minimum) <p>Minimum requirements for types of users:</p> <ul style="list-style-type: none"> • Employee/supervisor: 64 MB (minimum) • IS administrator: 128 MB (minimum) • Kdemo user: 1 GHz
Hard disk space	<ul style="list-style-type: none"> • Employee/supervisor: 20 MB • IS administrator: 90 MB • Kdemo user: 2 GB

Item	Requirement	
Display resolution and colors	Java Client <ul style="list-style-type: none"> • 1024 x 768, 16-bit resolution (recommended) • 800 x 600 with scroll bars (minimum) <p>Note: The browser window must be maximized and no more than three rows of stacked browser toolbars should be visible in order to make all functions in the applets usable.</p>	HTML Client Optimized for: <ul style="list-style-type: none"> • 800 x 600 or 640 x 480 with scroll bars • 256 colors; 16 colors are supported but the colors may not be ideal
Adobe Acrobat Reader	Adobe Acrobat Reader v6.0	Adobe Acrobat Reader v6.0. For Mac OS, may need to be set up as default application.
Network bandwidth	<ul style="list-style-type: none"> • 56K dial-up or Frame relay 56K (minimum) • Fractional T1 or T1–T3 (recommended) 	56K dial-up or Frame relay
Other requirements	Java Client <ul style="list-style-type: none"> • CD-ROM reader (or access to one on the network) • Network card • Non-persistent (session) cookies enabled • JavaScript enabled • Pop-up-blocking software configured to enable the Workforce Timekeeper server to show pop-up windows 	HTML Client

- 1 Workforce Central automatically supports security and bug service packs specific to these operating systems. No new Workforce Central release is necessary to support these updates.
- 2 Customers should not adopt new vendor service pack releases until after Kronos support is announced
- 3 When selecting processor speed, consider the processor recommended for the operating system and hardware that are used.
- 4 If you need to move or copy and paste an organization map that is on the order of 30,000 nodes or more, Kronos recommends at least 512 MB of real memory and 256 MB of virtual memory.