

Elements™ Implementation Technical Considerations

Last Updated: November 2012

<p>Recommended Workstation (For teacher, administrator, student use)</p>	<p>PC: 2 GHz Processor 1 GB of RAM 500 MB of free Hard Drive Space Operating system: Windows7 Browsers: IE9.x</p>
<p>Supported Workstations (For teacher, administrator, student use)</p>	<p>PC: Operating system: Windows XP SP3*, Windows7 Browsers: IE 8.x, IE9.x, Firefox 9 - 11</p> <p>MAC: Operating system: OS X Browsers: Safari 5.0.x, Safari 5.1.x, Firefox 9 – 11</p> <p>TABLET DEVICES: iPad Under Settings→Safari, Set the following options: Block pop –ups OFF Javascript – ON Open new tabs in background – OFF Accept cookies – Always</p> <p>Elements™ is a web based system, so Internet access is required. If Firewall or Proxy Servers are used, http://www.thinkgate.net needs to be added to the exclusion (firewall) or bypass (proxy) list.</p> <p>Additional workstation software: None required.</p> <p>Optionally, Microsoft Word (2003+) and Microsoft Excel (2003+) offer additional output options for viewing content.</p> <p>Other applications may be needed depending on file formats of any uploaded documents and media used within testing content such as:</p> <ul style="list-style-type: none"> • Adobe Reader (latest supported version) • Flash (latest supported version)
<p>Workstations (For scanning test results and administering assessments with student responders)</p>	<p>PC: Operating system: Windows XP SP3*, Windows 7 Connector: Serial or USB, depending on scanner. Internet access is required.</p> <p>If Firewall or Proxy Servers are used, http://www.thinkgate.net needs to be added to the exclusion (firewall) or bypass (proxy) list.</p> <p>Windows XP SP3: 1.5 GHz Processor 1 GB of RAM 500 MB of free Hard Drive Space</p> <p>*Special Note: Microsoft support for Windows XP will be discontinued in the near future. Please contact Thinkgate Support with questions regarding Windows XP compatibility.</p>

	<p>Windows 7: 2 GHz Processor 1 GB of RAM 500 MB of free Hard Drive Space</p> <p>Mac: Not supported.</p> <p>Software: Thinkgate provided Scanning or Responder Software. Additional third-party software is required for responder functionality.</p>
Scanners	<p>OMR Scanners: Scanners supported: Pearson OpScan (serial connection, most model numbers) Pearson iNSIGHT (serial or USB connection, most model numbers)</p> <p>NOTE: Some OMRs will not work on 64-bit computers. If you have 64 bit computers being used as scanning computers, please contact the Scanner Manufacturer to confirm your scanner is compatible.</p> <p>Plain Paper Scanners: Scanners supported: Most standard scanners with TWAIN compliant drivers. The following scanners have been tested and certified for use with the Elements Plain Paper Scanning Software:</p> <ul style="list-style-type: none"> Brother MFC 8460N Brother MFC 8480DN HP Scanjet N6010 HP Scanjet 3000 HP Scanjet 7500 HP Scanjet 8460 Ricoh MP 7001 Ricoh MP 7500 Ricoh MP 9000 <p>The Thinkgate Support Group can help test other scanners to determine compatibility in a few easy steps.</p> <p>Forms: Thinkgate supplied HALO Forms.</p> <p>Printers supported (for printing plain paper forms): Any high quality printer that is compatible with and supported by the workstation.</p>
Student Responder Devices	<p>Responders: The following student responders are have been tested and certified for use with the Elements Responder Software:</p>

	<p>eInstruction Models: IR, RF, RF Gen2, Pulse, Spark, Spark 360 Software: Device Manager v6.70</p> <p>Promethean Models: ActivExpression Software: ActivInspire v1.5.33840</p> <p>Renaissance Models: 2Know!, NEO 2 Software: Wireless Server v1.6</p> <p>SMART Models: Response PE, Response XE Software: Response 2010 v3.0 SP1</p> <p>Turning Point Models: Response Card NXT Software: Turning Key v1.2.1.1109</p>
Bandwidth	<p>Teacher/admin/student use: Internal networks with 10MB+ connections that are configured to support a reasonable level of internal and web-based activity will normally handle the additional requirements of the Thinkgate software.</p> <p>Upload of test results: Based on an average class size of 25, each upload file will be approximately 3.5KB in size.</p> <p>Thinkgate hosting facility considerations The Thinkgate hosting environment is configured to scale bandwidth up as needed to support the current activity load.</p>
Additional Settings	<p>Web Browser Settings</p> <p>Printing Reports: In order to print set colors on a report, the background colors and images setting must be turned on in your internet browser.</p> <p>Internet Explorer 8:</p> <ol style="list-style-type: none"> 1. Click File 2. Click Page Setup 3. Check the checkbox next to “Print Background Colors and Images” 4. Click OK <p>Internet Explorer 9:</p> <ol style="list-style-type: none"> 1. Click on the Gear 2. Click on Print 3. Click Page Setup 4. Check the checkbox next to “Print Background Colors and Images” 5. Click OK <p>Safari (5.1.x):</p> <ol style="list-style-type: none"> 1. Click on File 2. Click on Print 3. Click on the down arrow 4. Check Print backgrounds 5. Uncheck Print headers and footers

	<p>Mozilla Firefox (9 - 11):</p> <ol style="list-style-type: none"> 1. Click File 2. Hover over Print 3. Click Page Setup 4. Check the checkbox next to “Print Background (colors & images)” 5. Click OK
<p>Additional Settings (continued...)</p>	<p>Printing Assessments: In order for the page breaks on assessments to print out correctly (for one column or two column print) these settings must be set for Headers, Footers, and margins in your internet browser.</p> <p>Internet Explorer 8:</p> <ol style="list-style-type: none"> 1. Click on File 2. Click on Print 3. Click Page Setup 4. Set all margins to 0.5 5. Set each drop down in the Headers and Footers section to “Empty” 6. Click OK <p>Internet Explorer 9:</p> <ol style="list-style-type: none"> 1. Click on the Gear 2. Click on Print 3. Click Page Setup 4. Set all margins to 0.5 5. Set each drop down in the Headers and Footers section to “Empty” 6. Click OK <p>Safari (5.1.x):</p> <ol style="list-style-type: none"> 1. Click on File 2. Click on Print 3. Click on the down arrow 4. Uncheck Print headers and footers 5. Click on the Paper Size drop-down list 6. Click on Manage Custom 7. Set Width:8.5 Height:11 8. Set all margins to .5 <p>Mozilla Firefox (9-11):</p> <ol style="list-style-type: none"> 1. Click File 2. Hover over Print 3. Click Page Setup 4. Click on the Margins & Header/Footer tab 5. Set all margins to 0.5 6. Set each drop down in the Headers & Footers section to “-blank-“ 7. Click OK