

Delivery

Perception enables blended delivery to accommodate a broad range of participant needs. Assessments can be delivered to standard browsers such as Internet Explorer, Firefox and Safari. Assessments can also be delivered via secure browsers and to handheld devices such as PDAs and Smartphones. Questionmark to Go extends the benefits of online assessment to offline participants. Assessments can be published for Windows delivery and distributed via CD, memory stick and other media. Assessments can be printed, answers scanned and uploaded for scoring and reporting.



Authentication methods	Perception	Competitive Product
Authenticate against Perception's participant database	Yes	
Authenticate against LDAP	Yes	
Authenticate using local Windows user name	Yes	
No authentication / Open Access	Yes	

Delivery methods	Perception	Competitive Product
Participants can answer using a standard internet browser on a PC	Yes	
Participants can answer using a standard internet browser on a Macintosh	Yes	
Participants can answer using a standard internet browser on a PDA	Yes	
Administrators may require participants to answer using Questionmark Secure (secure browser to prevent printing, screen captures, and unwanted exit)	Yes	
Administrators may restrict delivery so assessment may only be delivered via specific test center	Yes	
If participants loses connectivity or power during timed assessment, time-limit is frozen and assessment restarted where left off once connectivity is reestablished.	Yes	
Browser-check ensures participant may login to an assessment using a compatible web browser and configuration	Yes	
Participants can answer using a Windows PC without an internet connection (Questionmark to Go)	Yes	
Disconnected delivery of online assessments using Questionmark to Go; send results server when reconnected	Yes	
Participants can click to save current results without affecting progress through the assessments	Yes	
Auto-save results without affecting progress through an assessment	Yes	
Drag-and-drop questions delivered using DHTML	Yes	
Return participant to any URL after an assessment	Yes	
Question by question display without server interactions	Yes	
Collect demographic data from questions within assessment without affecting timing	Yes	
Enable participants anonymous access to assessments such as surveys	Yes	
Print questions to Word Document?	Yes	
Print Questions booklet for delivery with OMR bubble sheet	Yes	
Print Questions and Forms readable with OCR Scanning Solution	Yes	
Overprint Questions onto OMR form	Yes	
Special Character Palettes enables participants to enter of foreign or special characters in text fields	Yes	

Send email at end of assessment	Perception	Competitive
Send email directly from Perception to participant, administrator or any email address	Yes	
Send email results to individuals based on outcomes	Yes	
Define customized outcome email using assessment wizard	Yes	

Integration with third party programs	Perception	Competitive Product
Call assessments from other applications	Yes	
Wizard-based Publish-to-LMS tool in both web-based and Windows-based authoring tools for streamlined integration	Yes	
Content Packaging using IMS formats	Yes	
Content Packaging using ADL SCORM formats (1.2 and 2004)	Yes	
Course Structure files (content packaging) using AICC formats	Yes	
Launch and track assessments using ADL SCORM (1.2 and 2004)	Yes	
Launch and track assessments using AICC (hacp)	Yes	
Ability to prevent certain assessments (such as high-stakes exams) from being launched via 3rd-party LMS	Yes	
AICC certified	Yes	
.NET certified	Yes	
Support for PENS standard for streamlined delivery of AICC or SCORM package to LMS	Yes	
Single sign-on access to assessments via Microsoft SharePoint Portal Server?	Yes	
Export results to HR applications supporting HR-XML Assessment Result Standard	Yes	
Launch assessments using web-services	Yes	
Call custom software at end of an assessment	Yes	
Generate XML version of assessment for third-party delivery; responses passed back to Perception for scoring, reporting	Yes	
Pass in demographic data from 3rd party management systems	Yes	
Call third party programs from within assessments?	Yes	
Pass variables (e.g. current score, name, etc.) to third party programs?	Yes	
Integrate with web portals using JSR-168 Standard	Yes	
Integrate scores from third party programs called into assessment results?	Yes	

Security	Perception	Competitive Product
Prevent "accidental" exiting of assessment?	Yes with Questionmark Secure	
Prevent printing, screen captures and saving HTML?	Yes with Questionmark Secure	
Require proctor login before test is started	Yes	
Limit proctor's login from a range of IP addresses?	Yes	
Check participant name?	Yes	
Allow participants to change their own password?	Yes	
Number of characters in participant name	50	
Check participant name is valid against Perception security database?	Yes	
Check participant name is valid against an LDAP server?	Yes	
Use participant name from Windows PC?	Yes	
Check participant name is valid against NT username/password?	Yes	
Number of participants allowed	No limit	
Schedule assessments to participants and only permit scheduled assessments to be run	Yes	
Allow scheduling by group and subgroup?	Yes	
Limit number of attempts at a assessment	Yes	
Limit access to an assessment within date limits	Yes	
Encrypt question data	No, however, right answer information is never displayed to participant except if feedback has been so configured.	
Encrypt answer data	No (but held on webserver invisible to participant)	



Reporting

When a participant completes an assessment, the results are stored in Perception's answer database. Administrators can then view these via a browser. Perception offers twelve pre-defined report styles but you can also define your own reports. Answers can also be exported to Excel for custom reporting and can integrate with third-party system.

Pre-defined, Customizable Reports	Perception	Competitive Product
Item Analysis Report: Graphic displays showing distribution of discrimination, correlation, p-value, difficulty, outcome frequency, participant mean, times occurred (frequency), proportion selected, upper group selection, lower group selections, outcome discrimination, outcome correlation, mean of P value, proportion correct, mean of item discrimination, mean of item total correlation, and participant comments.	Yes	
Question Analysis Report: discrimination, correlation, difficulty, outcome frequency, participant mean, and participant's comments.	Yes	
Survey Report: Graph frequency of answers. Create dynamic reports, generate cross-tab and trend analysis reportlets. Distribute reports via print, Word, Excel, PDF, Web, and HTML email. Maintain full control over formatting. Choose the type of graph that best represents your data. Save report to "My Reports" - report can be run again in the future.	Yes	
Coaching Report: Showing answers and scores by one person for a single assessment. Create dynamic reports. Batch process reports for multiple participants and groups. Distribute reports via print, Word, Excel, PDF, Web, and HTML email. Maintain full control over formatting. Choose the type of graph that best represents your data. Save report to "My Reports" - report can be run again in the future.	Yes	
Assessment Overview Report: Showing times an assessment taken, completed, not completed, means and times to complete.	Yes	
Assessment Overview Report. Display histogram of assessment and topic scores.	Yes	
Export reports data to Excel file. Allows you to import data directly into Excel.	Yes	
Export reports data to ASCII file. Allows you to import data into Excel, SPSS and other 3rd party applications.	Yes	
Score List Report: Showing how several students performed with one or multiple assessments.	Yes	
Grade-book Report: Showing how several assessments scores can be combined into one score.	Yes	
Gap analysis and Group Comparison: Showing how students and groups compare to each other before and after a learning event.	Yes	
Test Analysis Report: Provides statistical analysis to determine test reliability and other statistics relevant to the defensibility of medium and high-stakes assessments. Distribute reports via print, Word, Excel, PDF, Web, and HTML email.	Yes	
Transcript Report: Showing the results of a single student after multiple assessments.	Yes	

Reporting	Perception	Competitive Product
Can a group leader only see reports relevant to their group?	Yes	
Can a participant log into reporting system and only see their results	Yes	
Real time reporting on results possible while assessments are being taken	Yes	
Create your own reports with the fields and labels you need -- or refine existing reports.	Yes	
Dynamic filtering of reports by date, and by date range	Yes	
Dynamic filtering of reports by participant(s)	Yes	
Dynamic filtering of reports by group	Yes	
Dynamic filtering of reports by assessment outcome	Yes	
Dynamic filtering of reports by special (demographic) fields.	Yes	
Cross tab results on two or more survey questions	Yes	
Create trend analysis reportlet to graph responses over time	Yes	
Distribute survey reports via printer, browser, PDF, Word, HTML email or Excel	Yes	
Choose graphing, formatting, labeling, and data to display for survey reportlets.	Yes	
Create and save survey reports for future use; share survey reports with other Perception administrators	Yes	
Batch process coaching reports for multiple participants and distribute via email, PDF, Word, HTML or Excel.	Yes	
Measure test reliability and ten other key statistics vital to test reliability and defensibility.	Yes	
Analyze participant results against benchmarks and other participants	Yes	
Dynamic filtering of reports by special (demographic) fields.	Yes	
Easily export full results to Excel for review in spreadsheet format	Yes	
Maximum number of report administrators	Unlimited	
Add results to the answer database automatically by uploading a text file of results, or interactively by typing the results	Yes	
Report on results of both print and online delivered assessments together	Yes	

Security	Perception	Competitive Product
Administrative Users assigned privileges to limit their access to reports?	Yes	
Administrative Users assigned privileges to limit their access to groups?	Yes	
Limit login from a range of IP addresses?	Yes	
Role-based security settings for individuals and groups	Yes	
Encrypt results data	No (but held on webserver invisible to participant)	
Scoring of Essay, Spoken Response and File Upload Questions		
annotate and grade essay questions within assessments by using customized rubrics	Yes	
Educators and trainers can add comments to essay responses	Yes	
Use Perception to email results from essay question	Yes	
Participant uploaded files presented for grading with customized rubrics	Yes	
Built-in spell checker within scoring tool	Yes	
Rich formatting for grader annotations and comments	Yes	