



Key features	Questionmark	Competitive Product
Authoring		
Browser-based authoring, publishing and content management	Yes	
Role-based access control for secure, collaborative authoring environment	Yes	
Basic and advanced question authoring apps for 20+ different question types	Yes	
Translation management for multilingual assessments	Yes	
Question/Item banking organized by learning objective	Yes	
Search item banks by keyword in question stimuli, choices, feedback, metatags, descriptions, topic, or author	Yes	
Options for collaborative item authoring and review by SMEs, including track-changes, audit trails and rollback	Yes	
Adaptive branching based on how questions are answered	Yes	
Randomized item selection by topic, subtopic and meta tag	Yes	
Delivery	Questionmark	Competitive Product
Deliver via standard web browsers, secure browser, mobile browsers or paper	Yes	
Responsive Design enables blended delivery to popular browsers on Windows or Mac PCs and most tablets and smartphones.	Yes	
Multilingual interfaces available in 36 languages	Yes	
Deliver multilingual assessments including support for right-to-left languages	Yes	
Secure browser for Windows, Mac and iPad plus and option to require monitoring for high-stakes testing	Yes	
Fully integrated online proctoring service available	Yes	
Save-as-you-go test delivery	Yes	
Apps available for Apple iOS and Android devices	Yes	
Accessibility features including participant text-size and contrast controls; optimized for screen readers.	Yes	
Easily embed assessments in web pages, portals, wikis and blogs	Yes	
Printing and scanning integration enables paper-based delivery and uploading of results for scoring and reporting.	Yes	
Easily schedule assessments for groups, subgroups or individuals	Yes	
Broadcast emails to groups and individuals	Yes	
Reporting and Analytics	Questionmark	Competitive Product
Extensive analytics to gauge item and assessment reliability and defensibility including item analysis and test analysis	Yes	
30+ report types to analyze results of exams, tests, quizzes, items, course evaluations and surveys	Yes	
Results API based on Odata standard for ad-hoc reporting and analysis via 3rd-party business intelligence apps	Yes	
Easily export results and report data to CSV format	Yes	
View report results on screen and generate PDF files for sharing or archiving	Yes	
Security	Questionmark	Competitive Product
ISO-27001 Certified (Questionmark's Certificate number is IS 668255)	Yes	
Role-based access control and comprehensive password-policy management	Yes	
Secure online delivery prevents copying, printing, screen shots, or task-switching during high-stakes testing	Yes	
Audited data centers in Europe (ISO 27001 & 9001) and US (SSAE 16)	Yes	
Interoperability	Questionmark	Competitive Product
Supports key standards including AICC, SCORM, SAML (for single sign-on), IMS-LTI	Yes	
Results API for convenient, secure access to results data via business intelligence/analytics tools and custom dashboards	Yes	
Web-services API for integration with portals and enterprise systems	Yes	
Technical Support and Documentation	Questionmark	Competitive Product
Knowledge Base with hundreds of articles	Yes	
Annual users conferences and user group meetings	Yes	
Free phone and email support available during evaluation period and 30 days from purchase	Yes	
Options for Global 24/7 Support via phone, email and chat	Yes	
Blog and newsletters plus extensive range of tutorial videos and resources	Yes	
Free web seminars to explain product concepts	Yes	
On-site and open-enrollment training available	Yes	
Complete Product Guides and Best Practices guides in PDF format	Yes	



Authoring

	Questionmark	Competitive Product
Browser-based authoring using Internet Explorer, Firefox, Chrome or Safari	Yes	
Try out questions while authoring	Yes	
Author and publish questions and assessments directly to shared repository	Yes	
Multiple authors can work collaboratively using the same shared repository	Yes	
Author questions and feedback with easy-to-use browser-based authoring tool	Yes	
Define topic-based feedback to provide learning prescription?	Yes	
Group questions by their objective?	Yes	
Built-in spell-checker	Yes	
Ability to search and filter item banks by keyword in question stimuli, choices, feedback, metatags, descriptions, topic names or author names.	Yes	
Import/Export questions to Qpacks to allow you to buy and sell item banks?	Yes	
Support for broad range item import formats: CSV (.csv); Questionmark Qpack (.qpack4); LXR* Test 6.1 Merge (.LXRMerge, .mrg); Blackboard Upload (.txt); Blackboard* 6.x, 8.x and 9.x Pools (.zip); Moodle (.xml)	Yes	
Export questions to other files?	Export to QML	
Print questions?	Yes	
Full item version histories saved for rollback and auditing	Yes	
Insert server variables such as participant name, date or time directly into questions and feedback?	Yes	
Insert audio, video, embedded content into questions and feedback	Yes	
Translation management for multilingual assessments	Yes	
Create and manage multilingual items	Yes	
Create and manage multilingual assessments	Yes	
Export/Import to XLIFF for external localization of items/assessments	Yes	
Call third party programs from within assessments?	Yes	
Support for multinational character sets enabling use of Chinese, Japanese, Cyrillic and other double-byte characters	Yes	
Configurable CSS and XML templates to customize/brand look-and-feel of assessment content	Yes	
Wizard for creating IMS, AICC, or SCORM packages	Yes	
Security		
Define roles and multiple levels permissions for authors and administrators	Yes	
Built-in secure, configurable password policies for authors and administrators	Yes	
Define security permissions for specific folders to control access to specific topic or assessment folders?	Yes	
Content Repositories		
	Questionmark	Competitive Product
Organize items hierarchically and by metatag to align with skills and competencies	Yes	
Role-based access control to enable secure collaborative authoring and review of items and assessments	Yes	
Define own meta tags and values to be associated with items	Yes	
Include learning content within the repository and link to it from question, topic or assessment feedback.	Yes	
Question Types		
	Questionmark	Competitive Product
All question types		
Categorize questions by topic?	Yes	
Allow different scores by choice or combination of choices?	Yes	
Provide different feedback based on choice, or choices, selected?	Yes	
Easily enhance text with underline, bold, italics, superscripts, subscript, etc?	Yes	
Present mathematic equations using MathML?	Yes	
MathML expressions automatically converted to universal browser-friendly graphical format (JPEG)	Yes	
Auto-run sound and video?	Yes	
Include multimedia or embed?	Yes	
Set size of graphic independently of its size?	Yes	
Insert audio, video, graphics, fonts and equations in questions?	Yes	
Multiple options for shuffling choices in multiple choice questions	Yes	
Allow scores from -99 to +99 per choice?	Yes	
Set upper and lower limits on scoring for complex question types?	Yes	
Tag questions so they can be selected by topic and question tags	Yes	
Define states that questions can be in (e.g. Normal, Experimental, Beta, Retired)	Yes	
Option to add a comment field to any question.	Yes	
Require authors to enter a descriptive comment when saving any revisions to an item.	Yes	
Easy to enter hyperlinks within feedback	Yes	

Essay	Yes	
Participant is prompted to type an essay on a particular topic.		
Simple, single-screen user-interface for creating or editing item	Yes	
Click-and-drag controls to define height and width of text answer area	Yes	
Assign different scores to different answers?	Yes	
Author can choose to ignore or use letter case in scoring?	Yes	
Assign different feedback to different possible answers?	Yes	
Look for keywords and absence of keywords?	Yes	
Allow for a misspelling check	Yes	
Report for manual grading of essay questions	Yes	
Grade essay questions using a browser	Yes	
Set rubrics for when grading using a browser	Yes	
Explanation	Yes	
Participant is provided information that they will need to answer the assessment.		
Simple, single-screen user-interface for creating or editing item	Yes	
Likert Scale	Yes	
Participant is prompted to agree or disagree with a statement and each choice is given a weight to aid analysis.		
Simple, single-screen user-interface for creating or editing item	Yes	
Include standard text for Likert scale?	Yes	
You can define your own range of choices?	Yes	
Allow for not applicable?	Yes	
Not applicable choice allowed?	Yes	
Define your own scales and weights?	Yes	
True/False	Yes	
Participant is asked whether they think a statement is true or false.		
Simple, single-screen user-interface for creating or editing item	Yes	
Max no. of choices	2	
Display choices vertically or horizontally?	True and False	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes	
Yes/No	Yes	
Participant is prompted to state whether they agree or disagree with a statement.		
Simple, single-screen user-interface for creating or editing item	Yes	
Max no. of choices	2	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes and No	
Multiple Choice	Yes	
Participants select one choice from several.		
Simple, single-screen user-interface for creating or editing item	Yes	
Included standard multiple choice, true false, Yes/No, and Likert scale, etc.	Yes	
Max no. of choices	No reasonable limit	
Shuffle choices each time question is presented?	Yes	
Keep last choice last when shuffling for situations with "None of the Above", or, "All of the Above" choices?	Yes	
Ability to shuffle all but the last two choices when shuffling choices?	Yes	
Can specify horizontal or vertical layout of choices	Yes	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes	
Multiple Response	Yes	
Participants selects several choices from many.		
Simple, single-screen user-interface for creating or editing item	Yes	
Max no. of choices	No reasonable limit	
Shuffle choices each time question is presented?	Yes	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes	
Assign different scores to different choices, or different combination of choices?	Yes	
Assign a score only if the participant gets entire answer right (right/wrong marking)?	Yes	
Can exclude last choice from shuffling?	Yes	
Can exclude last two choices from shuffling?	Yes	
Can specify horizontal or vertical layout of choices	Yes	
Limit number of choices participant may select. (for example, "Select up to 3")	Yes	
Assign different feedback to different choices, or different combination of choices?	Yes	

Matching	Yes	
Participant has to match two lists but is prevented from matching the same choice twice.		
Simple, single-screen user-interface for creating or editing item	Yes	
Limits on either of the two lists to match	No reasonable limit	
Shuffle choices in lists each time question is presented?	Yes	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes	
Assign different scores to different matches, or combination of matches?	Yes	
Include unassociated matches as distractors	Yes	
Assign a score only if the participant gets entire list matched correctly (right/wrong marking)?	Yes	
Assign different feedback to different matches, or combination of matches?	Yes	
Pull-Down List	Yes	
Participant has to match a list of choices against a pull down list of options.		
Simple, single-screen user-interface for creating or editing item	Yes	
Max no. of choices	No reasonable limit	
Max no. of options	No reasonable limit	
Shuffle choices each time question is presented?	Yes	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes	
Assign different scores to different choices, or combination of choices?	Yes	
Assign a score only if the participant gets entire answer right (right/wrong marking)?	Yes	
Assign different feedback to different choices, or combination of choices?	Yes	
Rank in Order (Ranking)	Yes	
Participant ranks a list in order.		
Simple, single-screen user-interface for creating or editing item	Yes	
Max no. of choices	No reasonable limit	
Max no. of options	No reasonable limit	
Can generate drag and drop Flash animated choices for Matching questions?	Yes	
Shuffle choices each time question is presented?	Yes	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes	
Assign different scores to different choices, or combination of choices?	Yes	
Assign a score only if the participant gets entire answer right (right/wrong marking)?	Yes	
Assign different feedback to different choices, or combination of choices?	Yes	
Knowledge Matrix	Yes	
Participant is presented with several multiple-choice questions.		
Simple, single-screen user-interface for creating or editing item	Yes	
Max no. of choices	No reasonable limit	
Max no. of options	No reasonable limit	
Shuffle choices each time question is presented?	Yes	
Insert graphics, audio, video or equations in text of choices, even when shuffled?	Yes	
Assign different weights/scores to different choices or combination of choices?	Yes	
Assign a score only if the participant gets entire answer right (right/wrong marking)?	Yes	
Assign different feedback to different choices?	Yes	
Survey Matrix	Yes	
Presents multiple rows of Likert questions within a table with column headers included.		
Simple, single-screen user-interface for creating or editing item	Yes	
Include standard text for Likert scale?	Yes	
You can define your own range of choices?	Yes	
Allow for not applicable?	Yes	
Not applicable choice allowed?	Yes	
Define your own "weights"?	Yes	
Insert graphics, fonts and equations in text of choices?	Yes	

Numeric answer	Yes	
Participant enters a number in response to the question.		
Simple, single-screen user-interface for creating or editing item	Yes	
Prevent entry of text by user?	Yes	
Allow entry of whole number, real numbers and scientific numbers with exponents?	Yes	
Allow multiple numeric entry areas?	Yes	
Assign score of your choice to getting question right?	Yes	
Assign score to getting question right within a range?	Yes	
Assign scores to more than one number or range?	Yes	
Text Match	Yes	
Participant enters some text in answer to the question.		
Simple, single-screen user-interface for creating or editing item	Yes	
Allow variable height and width of text answer area, including long scrolling areas for entry?	Yes	
Assign different scores to different answers?	Yes	
Author can choose to ignore or use letter case in scoring?	Yes	
Assign different feedback to different possible answers?	Yes	
Look for keywords and absence of keywords?	Yes	
Automatic mis-spelling check	Yes	
Report for manual grading of essay questions	Yes	
Fill in Blank	Yes	
Participant is presented with a statement with blanks (missing text), and enters text within the blanks.		
Simple, single-screen user-interface for creating or editing item	Yes	
Number of different text entry areas permitted?	No reasonable limit	
Allow more than one correct answer for each gap?	Yes	
Allow partial marking (score for each gap right)?	Yes	
Allow different feedback for each gap?	Yes	
Author can choose to ignore or use letter case in scoring?	Yes	
File Upload	Yes	
Participant may upload a file in response to a question.		
Simple, single-screen user-interface for creating or editing item	Yes	
Specify allowed file types	Yes	
Specify maximum file size	Yes	
Set rubrics for when grading using a browser	Yes	
Select a Blank	Yes	
Participant is present with a statement with a pull-down list indicating a missing word or phrase. The participant has to select the missing text from the pull-down list.		
Simple, single-screen user-interface for creating or editing item	Yes	
Number of different text entry within pull-down list?	No reasonable limit	
Allow more than one correct answer for each pull-down list?	Yes	
Allow partial marking (score for each possible selection)?	Yes	
Allow multiple pull down lists within a paragraph.	Yes	
Hotspot	Yes	
Participant clicks on a graphic to indicate their choice and a marker graphic is moved to that position.		
Simple, single-screen user-interface for creating or editing item	Yes	
Define your own background graphic?	Yes	
Define your own marker graphic?	Yes	
Define areas on the graphic as rectangles, circles or polygons?	Yes	
Drag and Drop	Yes	
Participant has to drag and drop images to a certain position, normally on top of another graphic.		
Simple, single-screen user-interface for creating or editing item	Yes	
Define your own static graphics?	Yes	
Can generate drag and drop Flash animated choices for Matching questions?	Yes	
Define up to 10 movable graphics?	Yes	
Assign different scores to different areas that you move the moveable graphics to?	Yes	
Job Task Analysis	Yes	
Participant rates multiple dimensions for a series of tasks associated with a given job role.		
Create list of tasks to be rated within Questionmark or via import	Yes	
Define multiple dimensions to be rated for each task	Yes	
Each dimension can have its own rating scale	Yes	
Enable/disable a 'not applicable' option for each individual dimension	Yes	

Assessment Presentation Features	Questionmark	Competitive Product
How questions are presented		
Present each question on its own screen?	Yes	
Present questions in a list?	Yes	
Specify order in which questions appear?	Yes	
Divide assessment into separate blocks or sections?	Yes	
Option to make answering question(s) in a block mandatory?	Yes	
Allow free movement around an assessment?	Yes	
Provide an "assessment navigator" for easily navigating unanswered and flagged questions	Yes	
Click-and-drag question blocks to reorder	Yes	
Include tools and resources such as calculators within an assessment	Yes	
Allow restart of assessment, from where you left off, when technical issues cause problems?	Yes	
Save As You Go		
Allow participants to save their answers without affecting their progress through the assessment?	Yes	
Allow auto-save to save participant's answers without affecting their progress through the assessment?	Yes	
Time limit		
Set time limit for a assessment	Yes	
Allow un-timed question blocks to provide introductions/information and prompt for demographics?	Yes	
Display time remaining	Yes (optional)	
Provide warning when time limit is about to expire	Yes (optional)	
Selection and Sequencing		
Randomly select questions from topic, or sub-topics at run-time?	Yes	
Select questions using tags, and/or combinations of tags?	Yes	
Use a hierarchical system of topics to randomize from (including randomizing from subtopics)?	Yes	
Mix questions from different topics randomly?	Yes	
Shuffle choices within a question?	Yes	
Jumps		
Jump within an assessment based on current score or based on results ("outcome") of a question?	Yes	
Link to another assessment based on assessment outcome/score?	Yes	
Link to a learning resource, web page, or application, based on results from a question, topic score or assessment score?	Yes	
Final page at end of assessment		
Present different final pages depending on topic score or assessment score achieved?	Yes	
Assign an Assessment Outcome based on total score e.g. "Pass" or "Fail" to the assessment?	Yes	
Assessment Outcome can be based on total score, and pre-requisites such as topic score, if required?	Yes	
Branch to new assessment or or content based on Assessment Outcome?	Yes	
Feedback		
Optional item level prescriptive feedback?	Yes	
Optional topic based prescriptive feedback?	Yes	
Optional assessment score based feedback?	Yes	
Optional topic based feedback and scoring	Yes	
Automatically send email at end of assessment	Yes	
Display feedback at end of each block or section?	Yes	
Display feedback after each question?	Yes when each question is a block	
Graphics in assessments		
Number of graphics per question, choice, or feedback?	Unlimited	
Graphics formats supported?	*.jpg, *.jpeg, *.png, *.gif	
Multimedia		
Sound fully supported	Yes	
Video Multimedia fully supported	Yes	
Embed external video within questions (including Youtube, Vimeo, Office 365, Kaltura and more)	Yes	



Scheduling and Administration

Security	Questionmark	Competitive Product
Role-based access control for administrator accounts	Yes	
Define password policies including length, complexity and expiration	Yes	
Schedule assessments to participants and only permit scheduled assessments to be run	Yes	
Allow scheduling by group?	Yes	
Built-in secure, configurable password policies for authors and administrators	Yes	
Require proctor login before participant may log in	Yes	
Pick questions randomly from a pool of questions	Yes	
Limit number of attempts at a assessment	Yes	
Limit access to an assessment within date limits	Yes	
Full logging of activities on server	Yes	

Scheduling and Administrative Features	Questionmark	Competitive Product
Create, edit, and/or delete participants?	Yes	
Import participants from a file?	Yes	
Rapidly create multiple participants and automatically generate participant IDs with defined prefix, postfix, and number ranges	Yes	
Authenticate and create participant accounts via SAML IDP?	Yes	
Schedule participants for Observational Assessments?	Yes	
Create, edit, and/or delete groups?	Yes	
Organize participants into heirarchical groups and subgroups?	Yes	
Create, edit, and/or delete schedules?	Yes	
Allow filter of current schedules	Yes	
Schedule assessment for delivery at certified test center	Yes	
Schedule observational assessment requiring monitor to log in and rate participant	Yes	
Define time period (number of days) before participant may re-attempt assessment	Yes	
Administrator may override time-limit set for assessment	Yes	
Schedule multilingual assessment - administrator chooses language of delivery	Yes	
Schedule multilingual assessment - participant chooses language of delivery	Yes	
Create, edit, and/or delete accounts?	Yes	
Create, edit, and/or delete other administrative users?	Yes	
Create profiles of administrative users?	Yes	
Apply filters to large groups to rapidly find and manage participant details	Yes	
Assign administrators to specific test centers	Yes	
Allow third party applications to securely add participants and schedules	Yes	
Link participant login screen to program that obtains and records participant's demographic data	Yes	
Schedule assessments for online or offline delivery	Yes	
Define access peirods and limit number of attempts of offline assessments	Yes	
Allow email broadcasting to all people with attempts remaining at an assessment?	Yes	
Create, edit, and/or delete essay grading rubrics?	Yes	
Scoring Tool enables grading essay questions within assessments by using customized rubrics.	Yes	
Authorized users allowed to edit scores and grades	Yes	
Allow administrative user to proctor assessments?	Yes	
Allow system administrator to remove unwanted results from database?	Yes	
Allow trusted administrator to review and amend scores after assessment completed.	Yes	
Direct access to log files for troubleshooting	Yes	

Interoperability	Questionmark	Competitive Product
Web Services APIs enabling integration with 3rd party software	Yes	
Supports key standards including IMS QTI & Content Packaging, AICC, SCORM and HR-XML.	Yes	
Integration with learning management systems and portals	Yes	

Send Email	Questionmark	Competitive Product
Send email results to individuals based on outcomes	Yes	
Send an email to participants	Yes	



Blended Delivery

Authentication methods	Questionmark	Competitive Product
Authenticate against Questionmark's user database	Yes	
Authenticate against SAML or LDAP	Yes	
Authenticate via Windows Authentication	Yes	
No authentication / Open Access	Yes	

Delivery methods	Questionmark	Competitive Product
Participants can answer using a standard internet browser on a Windows PC	Yes	
Participants can answer using a standard internet browser on a Mac	Yes	
Participants can answer using a standard internet browsers on smart phones, tablets, iOS devices and Android devices	Yes	
Responsive Design delivery allows to author once and delivery to multiple devices	Yes	
Apps available for Apple iOS and Android	Yes	
Observational Assessments may be delivered in which an observer evaluates one or multiple participants	Yes	
Administrators may require participants to answer using Questionmark Secure (secure browser to prevent printing, screen captures, and unwanted exit)	Yes	
Easily embed assessments in web pages, portals, wikis and blogs	Yes	
Deliver Observational Assessments in which an "observer" logs in and assesses participants	Yes	
Participant "Assessment Navigator" for ready access to embedded tools such as calculators or other resources you wish participants to access during an assessment.	Yes	
Administrators may restrict delivery so assessment may only be delivered via specific test center	Yes	
Multilingual participant interfaces available in 34 languages (additional languages may be added)	Yes	
Multilingual assessment delivery - administrator chooses language of delivery	Yes	
Multilingual assessment delivery - participant chooses language of delivery	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	
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	

Accessibility	Questionmark	Competitive Product
Configurable participant text-size controls	Yes	
Configurable participant contrast controls	Yes	
Delivery software renders HTML optimized to work with assistive technologies such as screen readers	Yes	

Send email at end of assessment	Questionmark	Competitive Product
Send email directly from Questionmark 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	Questionmark	Competitive Product
Call assessments from other applications	Yes	
Wizard-based Publish-to-LMS tool	Yes	
Authenticate and create participant accounts via SAML IDP?	Yes	
Embed assessments in wikis, portal, blogs and web pages	Yes	
Content Packaging using SCORM	Yes	
Course Structure files (content packaging) using AICC formats	Yes	
Launch and track assessments via SCORM integration	Yes	
Launch and track assessments via AICC integration	Yes	
Ability to prevent certain assessments (such as high-stakes exams) from being launched via 3rd-party LMS	Yes	
Integrate with IMS LTI compliance learning management systems?	Yes	
Launch assessments using web-services	Yes	
Single sign-on access to assessments via Microsoft SharePoint	Yes	
Call custom software at end of an assessment	Yes	
Generate XML version of assessment for third-party delivery; responses passed back to Questionmark 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	

Security	Questionmark	Competitive Product
Warn on "accidental" exiting of assessment?	Yes	
Prevent "accidental" exiting of assessment?	Yes with Questionmark Secure	
Warn on submitting assessments when some questions left unanswered?	Yes	
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	
Integrated Online Proctoring service available?	Yes	
Check participant name?	Yes	
Allow participants to change their own password?	Yes Optional	
Check participant name is valid against Questionmark security database?	Yes	
Authenticate and create participant accounts via SAML IDP?	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	Determined by license	
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	Yes	



Reporting

Pre-defined, Configurable Reports	Questionmark	Competitive Product
Item Analysis Report: Provides an in-depth Classical Test Theory psychometric analysis of item performance. Enables you to drill-down into specific item statistics and performance data. 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	
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. 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	
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, times to complete, and histogram	Yes	
Assessment Overview Report. Display histogram of assessment and topic scores.	Yes	
Score List Report: Provides a sortable list of participants' scores and aggregate scores for performance comparisons and reporting. Reports assessment, topic, and item-level scores.	Yes	
Grade-book Report: Showing how several assessments scores can be combined into one score.	Yes	
Transcript Report: Showing the results of a single student after multiple assessments.	Yes	
Course Summary Report: Compares Course evaluation information across courses.	Yes	
Instructor Summary Report: Compares all instructors within a course in terms of Course evaluation feedback.	Yes	
Class Summary Report: Compares Course evaluation feedback for a single instructor for a single course.	Yes	
Class Detail Report: Provides detailed question level Course evaluation information for a single instructor for a single course.	Yes	
Assessment results over time report: Provides information on the assessment results over a period of time specified by the user.	Yes	
Survey Frequency Analysis Report: Provides detailed frequency analysis information for each question on a survey assessment in terms of how many participants selected each answer.	Yes	
Test Center Analysis Report: Allows users to evaluate the performance of participants that have been scheduled to take assessments at Test Centers so that users can review performance at various test centers and evaluate whether there are potential test security issues at test centers	Yes	
Assessment completion time report: Provides potential cheater detection analytics.	Yes	
Demographic report: Review a breakdown of assessment results by a demographic variable	Yes	
Participant review report - Search for a specific participant and display the comments they left for an assessment.	Yes	
Assessment content report - Review all participant comments for all questions within an assessment, topic, or specific question.	Yes	
Question frequency analysis report: Get quick basic view of response frequency for all questions in a given assessment	Yes	
Question Status report: An item bank report that provides information on how many questions you have in your repository by question status.	Yes	
Question Type report: An item bank report that provides information on how many questions you have in your repository by question type (e.g., multiple choice, yes/no, etc.).	Yes	
JTA summary report - Provides the total percentage and number of participants selecting each task, dimension and choice filtered by demographic information	Yes	
JTA dimension by demographic report - Shows, grouped by task, dimension, and demographic data, the percentage of participants selecting each choice	Yes	
Results Export - Exports participants' results from results warehouse for an assessment to a comma-separated ASCII file for use in a spreadsheet or statistics package	Yes	

Report filtering and distribution	Questionmark	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	
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 special (demographic) fields.	Yes	
Cross tab results on two or more survey questions	Yes	
Create trend analysis reportlet to graph responses over time	Yes	
Report distribution options including on-screen, CSV export and PDF	Yes	
Create and save survey reports for future use; share survey reports with other Questionmark 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	
Filter report results by demographic data	Yes	
Easily export results in CSV format for review/analysis in spreadsheet apps	Yes	
Add results to the answer database automatically by uploading a text file of results, or interactively by typing the results directly into your	Yes	
Report on results of both print and online delivered assessments together	Yes	

Security	Questionmark	Competitive Product
Administrative Users assigned privileges to limit their access to reports?	Yes	
Administrative Users assigned privileges to limit their access to groups?	Yes	
Role-based security settings for individuals and groups	Yes	

Result API	Questionmark	Competitive Product
Results API based on Odata standard for ad-hoc reporting and analysis via 3rd-party business intelligence apps	Yes	
Configurable Odata feeds for 14 results fields to enable custom dashboards	Yes	
Tutorials and API Guide with tips and techniques for using Results API effectively	Yes	

Scoring of Essay, Spoken Response and File Upload Questions	Questionmark	Competitive Product
annotate and grade essay questions within assessments by using customized rubrics	Yes	
Educators and trainers can add comments to essay responses	Yes	
Use Questionmark 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	