

## » EvaSys V7.1

Reporting	
<b>Editing of entries by data entry assistants</b>	Administrators can edit the entries made by data entry assistants during the anonymization of handwriting. Moreover, open comments from Online surveys can be edited.
<b>Multicolored histogram and stacked bar diagram</b>	Two new functions are now available for the display of histograms. On the one hand, individual colors can be set for bars to warrant an easier interpretation of results. On the other hand, a horizontal display of the histogram is possible with the new option "stacked bar diagram".
<b>Extended display of indicators</b>	The display of indicators can now be supplemented with stacked bar diagrams of freely configurable colors.
<b>Display of quality guidelines</b>	A list of the quality guidelines including the respective achieved percentage per guideline as well as the overall results can now be displayed below the indicators in the PDF-report.
<b>Cumulative frequencies</b>	Cumulative frequencies can now be included in the PDF-report for scaled questions.

Certified Plug-ins	
<b>Last Changes Dashboard</b>	Displays a dashboard with several categories of last changes in the system.
<b>Find My Questionnaire</b>	Offers the ability to search for a questionnaire and open the details or folder directly.
<b>Historical Data Import</b>	Tool for the import of raw data into surveys. Suitable when EvaSys is introduced to import existing survey data for comparison or norming purposes.
<b>Bring Your Own Device</b>	Tool for instructors to provide three variations of "bring your own device" in-class online surveys.
<b>Response Analysis</b>	Tool to show a graph of the distribution of responses for single surveys or all surveys in the system.
<b>Latest Log Files</b>	Download of the latest log files as a ZIP archive.
<small>*Plug-ins can be downloaded from the Extras area and installed via the administrator interface with a few mouse clicks. The plug-ins described here were programmed by the EvaSys developers and are generally present in the source code. They can be freely changed and extended by users via the SDK. Of course the development of completely new plug-ins is also possible at any time. For this, Electric Paper Evaluationssysteme GmbH offers free of charge development licenses via the Enterprise Option.</small>	

Work flow	
<b>Make PDF-reports accessible only after the completion of the survey</b>	Via various LMS-Plug-ins as well as via the integrated LTI®-interface or the so called passive instructor login to EvaSys, results to surveys can be made accessible to instructors immediately. This new feature regulates, whether results can be accessed for surveys marked as not yet completed.
<b>Automatic alert about declining residual capacities of volume license</b>	Two freely configurable warning thresholds can now be defined to prompt automatic e-mail notifications to EvaSys administrators when specific residual capacities of the relevant valid volume license fall below the thresholds.
<b>Question library in Instructor's Optional Questions</b>	When using Instructor's Optional Questions with pre-defined optional questions, the question library can now be utilized to support the users in their selection of additional questions.
<b>Notification of instructors when the survey starts</b>	Parallel to sending Online survey invitations to survey participants, notifications to instructors can be set when defining scheduled tasks.

Usability	
<b>Filtering and deletion of lectures</b>	Different periods and statuses (without surveys / with surveys / non-anonymous / anonymous) can be chosen as a filter criterion in the lecture list. The resulting lectures can be closed or marked and deleted afterwards.
<b>Integrated Online help</b>	A context sensitive Online help, controllable via the web browser, has now been integrated for administrators as well as users with active accounts. The usual PDF-manuals remain available for download.

Interfaces	
<b>Plug-in interface</b>	With the new plug-in interface, extensions for EvaSys can simply be installed and configured via the user interface without the enlistment of IT-specialists. The plug-ins can extend existing functions as well as contain entirely independent desktops or analysis report types.
<b>Simple configuration of the LTI®-interface</b>	The definition of parameters, which are necessary for the activation and configuration of the LTI®-interface integrated in EvaSys, as well as the administration of the style sheet data used for the content and design of the LTI®-responses is now conveniently possible via the user interface.

Languages	
<b>Arabic display of Online survey</b>	The language sets for Online surveys (all message texts and button labels), already existent in various languages, have been supplemented with an Arabic translation. A distinctive feature is the automatic mirroring of the entire questionnaire for the reading direction Right-to-Left (RTL).
<b>Arabic display of PDF-report</b>	The PDF-report can now optionally be generated as a Right-to-Left (RTL) version. All displays of histograms, profile lines and survey contents fulfill the requirements of the Arabic language area.

VividForms Editor	
<b>Optimized layout in the VividForms Editor</b>	The multi-column layout possible in the VividForms Editor since V7.0 led to a multitude of changes when computing the automatic layout. Due to this, a few minor hitches in the area of the layout of check boxes for alternating scale resolutions as well as in the layout of pole texts appeared which have been corrected in the V7.1.

Maintenance and Technology	
<b>Security improvements</b>	The EvaSys platform was subject to a penetration test by a company specializing in data security. The resulting insights were incorporated in various improvements of security-relevant areas.
<b>Performance improvements</b>	Various functional areas have been optimized regarding their processing time.
<b>Transaction based data base</b>	The internal communication between EvaSys and the data base server has been converted to transactions. This enables the complete reversal of more complex processing actions in case of unexpected errors.
<b>Display of successfully installed fixes</b>	A list of fixes recognized in the system can now be displayed in the area of license administration.
<b>Mass deletion of obsolete image data</b>	Image data of handwritten comments from paper-based surveys as well as original scans from captured questionnaires can be deleted from the system for entire survey periods in the area of system cleaning.
<b>Fewer mail service notifications</b>	The mail service responsible for sending mass e-mails comes with a multitude of alerts and error messages, which are shown to the administrator directly after login. The classification and frequency of these error messages has been reduced.