

EVASYS EDUCATION

EFFICIENTLY EVALUATE COURSES AND MODULES



“EvaSys is simply the most sensible alternative for conducting centralized evaluations at universities. Particularly the flexibility of the system and the fantastic support are unattainable for other systems.”

Dr. Sarah Schmidt, Goethe-Universität Frankfurt



EvaSys Education

The effective evaluation software for the higher education sector

The regular evaluation of courses through the assessment of students is an important component of assuring the quality of teaching and studies. With EvaSys Education you hold all the cards in your hands for all phases of a survey. The survey itself can be conducted as a classic paper-based survey, online survey or combined as a hybrid survey. EvaSys Education supports the conduction of surveys from creating questionnaires to the automated capturing and evaluation. The web-based platform with its role concept is ideal for a straightforward use in spread out organizations and to complete manifold survey projects organization-wide.

The software, specifically catered to the requirements of universities, is suitable for a wide variety of survey projects and can be utilized for instance for course evaluations, alumni surveys, outcome-based evaluations and campus surveys and integrated optimally into the existing IT and process landscape. With EvaSys Education, you receive an unrivaled level of automation of the whole process. EvaSys can be integrated smoothly into various learning management systems and other applications via our web service interfaces. A data import (CSV, XML) from course management systems is also possible.

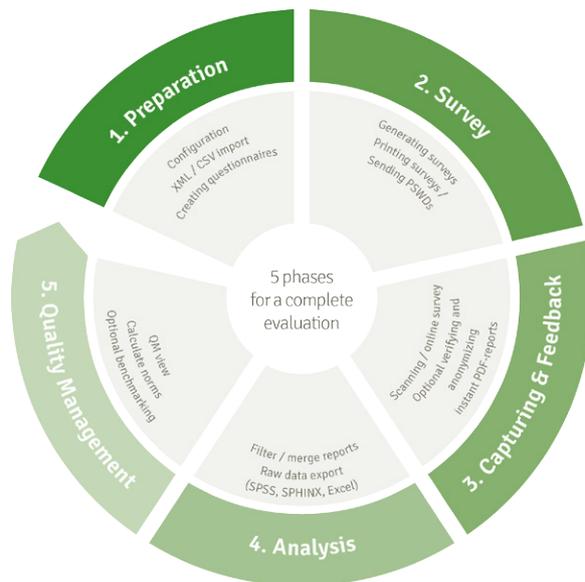
As the leading supplier of software solutions for the conduction of cross-media surveys and examinations, which are created, completed and evaluated in an automated fashion, we look back on over 20 years of experience in the mass processing of paper-based questionnaires. Over 1.250 satisfied customers all over the world are both affirmation and motivation for us. Benefit from our experience and let us succeed together.



The phase model

Unrivaled level of automation of the whole course evaluation

A survey usually passes through a minimum of three phases (creation, distribution and evaluation). For the evaluation of teaching a detailed process in a 5-phases-model is suitable, which begins with mapping your organizational structure in EvaSys, continues with the creation of questionnaires and conduction of the surveys and ends with the further processing of the results. With EvaSys Education, you receive an unrivaled level of automation of the whole process. Thousands of surveys can be generated with just a few mouse clicks.



Tool box - Flexible possibilities

Adapt evaluation structure and rights model to your individual needs

As manifold as the philosophies and organizational structures in which EvaSys is employed worldwide are, as flexible is the system. The base installation already possesses all necessary tools and possibilities for configuration in order to guarantee a successful system introduction, a high acceptance and thus the further development of a feedback culture.

You have various possibilities to administer the responsibility for surveys within EvaSys. The first option, which is generally used for the normal evaluation process, is the central evaluation. The coordination of evaluations is thus overseen by a central evaluation point. For this, administration accounts are used which are alternatively responsible for the whole organization or single subunits. Additionally to this central evaluation you can give individual users the right to create their own questionnaires and surveys and conduct them. These are active instructor accounts. Do you want to conduct your surveys centrally but also give your lecturers the possibility to contribute to the survey design? EvaSys also has a solution for this case: With the help of Instructor's Optional Questions, lecturers can supplement centrally set questionnaire instruments with their own content, for example individual questions or course-specific learning objectives. This way, central standard instruments are maintained while at the same time allowing a high amount of individuality.

EvaSys is installed with a rights model for different users and structured in a multi-level framework (for example departments, courses, topic areas): administrator, subunit administrator, interviewer (creation of own questionnaires), head of the department/dean (access to result reports, quality management functions), report creator, data verifier, data entry assistant.

Instructor's Optional Questions

In the Instructor's Optional Questions you can enter your optional questions for the survey of your course. Also, the details of your course are shown and can be corrected if necessary. Click on "Finish" to complete the procedure. Your input will be saved. You will not have the opportunity to access the Instructor's Optional Questions for this course again.

Details for course

Course will take place:

Course: **Cardiology - Module 1 (ID:)**

Program of Study	Course Type	Location	Participants	Language	Building
<input type="text"/>	Lecture	<input type="text"/>	0	undefined	undefined

Learning objectives

In the following section, you will be prompted to enter self-rating statements that will be used to estimate participant learning outcome on the level of specific learning objectives. Participants will be asked to rate their current performance levels, and they will also be asked to provide retrospective ratings of their initial performance levels (i.e. before attending the course). Learning outcome is then calculated from these comparative self-assessments (CSA gain). This approach accounts for previous knowledge and reduces the impact of individual differences in the ability to correctly self-assess one's performance levels.

[More information](#)

You can add up to 10 learning objectives to the questionnaire.
Click [here](#) to show the original questionnaire.

Instructor's Optional Questions for individual questions

EvaSys Education



EVASYS ADMINISTRATOR



SURVEY PARTICIPANTS

» Automated batch events

Generate and manage any number of surveys with a few clicks



IT ADMINISTRATOR

- 1 Preparation**
- Configuration
 - XML-/CSV-Import (automated via web services)
 - Create questionnaires



- 2 Survey**
- Generate and produce surveys
 - Send out PSWDs
 - Print questionnaires



- 3 Capturing & Instant feedback**
- Scan questionnaire / online survey
 - Optional verification
 - Instant PDF-report



- 4 Analysis**
- Report of results and export of raw data
 - SPSS, Excel
 - Calculate standardizations



- 5 Quality management**
- QM views
 - Benchmarking





Phase 1: Preparation

Mapping the internal structure and creating questionnaires

The first phase of a survey with EvaSys starts with mapping the evaluation structure in subunits, survey periods and survey objects. User groups and access rights are defined and login details distributed to the relevant staff, to delegate tasks and assign responsibilities. Human resources can thus be utilized in an optimal way.

An individual folder structure provides a basis for sorting surveys according to specific criteria. This process can be done manually, with help of the import function for structural (for example degrees, institutes, faculties etc.) and participant data (for example students, alumni etc.) or via an integrated interface. Survey periods indicate whether the survey is conducted singularly or recurringly. EvaSys can be used centrally as well as decentrally. The web based application enables work away from your desk.

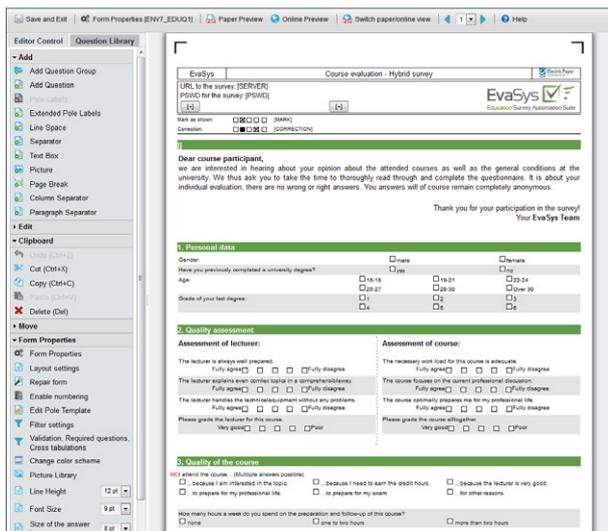
be simply edited afterwards and can be used as paper-based, online or hybrid surveys. It is not necessary to manually adapt a questionnaire with regard to the survey medium.

Module evaluation

Besides single instruments, for example for the evaluation of courses, EvaSys can also generate dynamic questionnaires for the evaluation of modular lecture series or courses with several lecturers. The so-called „module evaluation“ thus enables you to combine several surveys on one questionnaire and therefore reduce the amount of surveys. At the same time, the analysis remains fully flexible.

VividForms Designer

The VividForms Editor is the integrated design tool in EvaSys with many useful functions. But especially for individually designed questionnaires, the VividForms Designer as an a supplemental add-on offers many benefits. The VividForms Designer has all the functions for a simple and quick creation of questionnaires in a sophisticated design. You select the corporate design and document template, create the layout structure and define your questionnaire via drag & drop with the help of ready-made building blocks. Questionnaires in landscape or DIN A3 format are easily created. With the display in HTML5 format for online surveys your survey is displayed exactly like a paper-based survey and thus shows your individual questionnaire design perfectly.



Questionnaire design with the VividForms Editor

You can design individual questionnaires with the help of the included questionnaire editor. The layout of the questionnaire is automatically generated and guarantees an optimal scanner readability or rather an optimal display of online surveys. The questions (for example scaled questions, single or multiple choice questions, open questions, segmented open question) are applied conveniently using an assistant. A generically designed questionnaire can be automatically populated with structural data present in the system and individually personalized with miscellaneous data (for example course name, name of the lecturer, room/place of the course etc.) for any number of surveys. Recurring and validated questions can be administered in the integrated question library. Created questionnaires can



Questionnaire design with the VividForms Designer

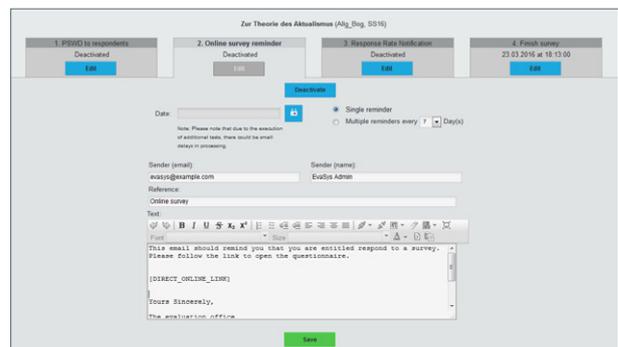
Phase 2: Survey

Conduct paper-based, online and hybrid surveys

After the preparations and the creation of the questionnaires, the questionnaires are prepared for the survey. For this, EvaSys offers unique automation functions: No matter whether a few dozen, hundreds or thousands of surveys will be conducted, EvaSys Education carries out the generation, production and distribution of individualized questionnaires thanks to automated batch events with just a few mouse clicks.

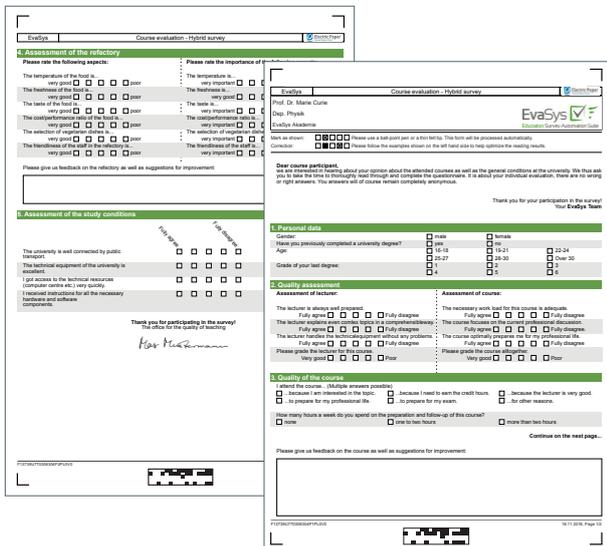
The batch event function generates a PDF printing file for all of the upcoming surveys, which facilitates the production of the paper questionnaires. Alternatively, personalized master copies can be sent directly to the lecturers for printing them themselves. The printed questionnaires are distributed to the students or survey participants afterwards. The direct distribution and subsequent collection of questionnaires results in a high acceptance and thus leads to higher return rates as well as meaningful results. Due to printed bar codes on paper questionnaires, the surveys are clearly assigned. Bothersome sorting before scanning becomes obsolete.

surveys can also be conducted with EvaSys in order to reach survey participants with a different mother tongue. For the optimization of response rates, EvaSys offers various tools, such as forwarding the participants to a certain website after filling out the survey, the reminder function or the automatic generation of participation certificates. After the end of the online survey, results are available to you immediately. Of course, the participation via mobile devices such as tablets or smart phones is also possible. Questionnaires are automatically adapted to the available resolution in the process.



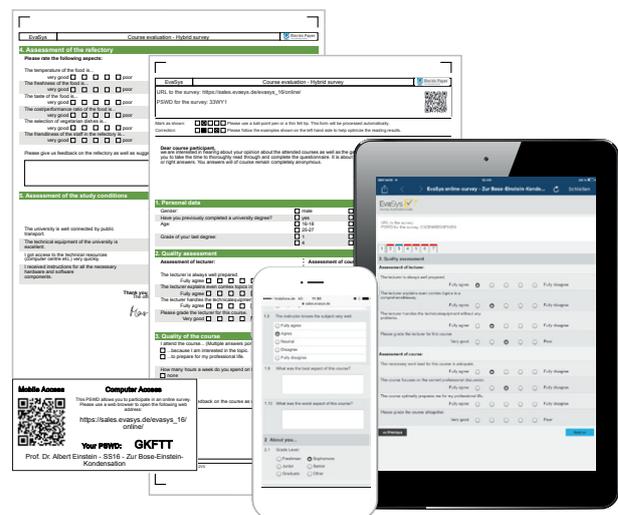
Overview of the planned events for online surveys

For hybrid surveys, a QR code as well as a link are applied to the paper questionnaire. Students thus have the choice between participating in the paper-based or online survey. In the case that both alternatives are used, duplicate responses are automatically recognized by the system and excluded.



Example: Paper questionnaire with the VividForms Editor

Creating online surveys is just as easy. These can be conducted anonymously or non-anonymously. With the time control, online surveys are especially convenient to conduct: From starting the survey, sending out PSWDs and a reminder e-mail to closing the survey - everything runs automatically. Online surveys are particularly suitable for participants with visual impairments. Thanks to the certification according to WCAG2.0AA, the survey is fully accessible. Multilingual





Phase 3: Capturing & Instant feedback

Scanning of questionnaires and capturing of the online survey

EvaSys Education also offers a maximum degree of automation for the analysis of the survey. The completed questionnaires are captured with a scanner; the scanner as well as the Scanstation software can be present multiple times and at various locations. Thanks to the modern reading technology, questionnaire pages are automatically allocated to the right survey. Faulty questionnaires, which were damaged during printing, during the survey or during scanning can also be read with little effort.



Answers to open questions are made available as image sections and can optionally be anonymized via an entry mask. Moreover, you have the possibility to divide open questions into categories in order to better evaluate them and group answers similar in content. Handwritten answers can easily be captured with the optional ICR module. Data from online surveys is available for evaluation directly after entry into the system.

Data collection with anonymous handwriting comments

Picture No. 1 of 6 from survey No. 1837542154

Question: Please give us your feedback about the instructor as well as suggestions for improvement:

One of the best teachers I ever have had!

Save: Accept entered text. The image snippet will be replaced by the text. An empty text field will delete the image snippet.

B I U |

Placeholder

Replace
Undo

Replace automatically

Save
Cancel

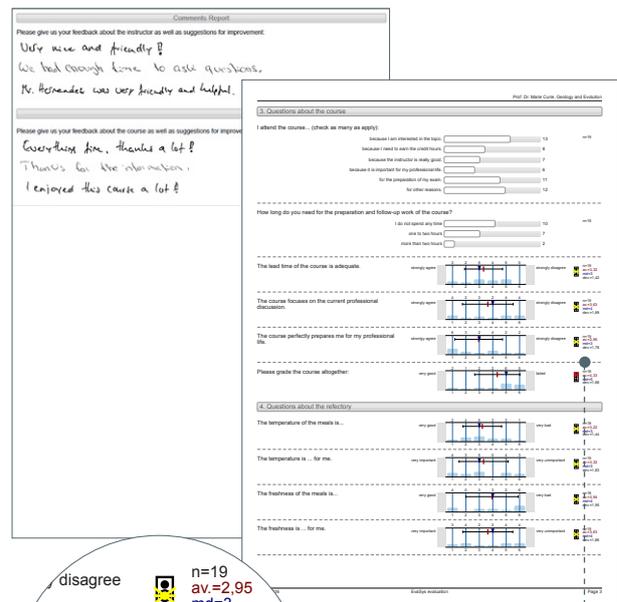
Categorizing

Please select or enter...

Number	Actions
Teacher negative	
Teacher positive	

Anonymization of handwritten comments

Immediately after capturing questionnaires or after submitting an online survey the evaluation is available as a PDF- or HTML-report. The PDF-report contains a clear and graphic representation of the results. This includes histograms, profile lines, summarizing indicators or quality guidelines in the form of traffic light illustrations. Comparisons with norm data are clearly represented as profile lines. Adapted PDF-reports can be automatically sent to lecturers, deans etc. Letters and presentation templates can be retrieved for the discussion of evaluations.



Extract from a PDF-report

“With EvaSys, we can make the evaluation results available immediately after processing. Such a quick report creation enables lecturers to already analyze the results of evaluations during the current semester and implement them in their teaching.”

Christine Pickert, University Konstanz

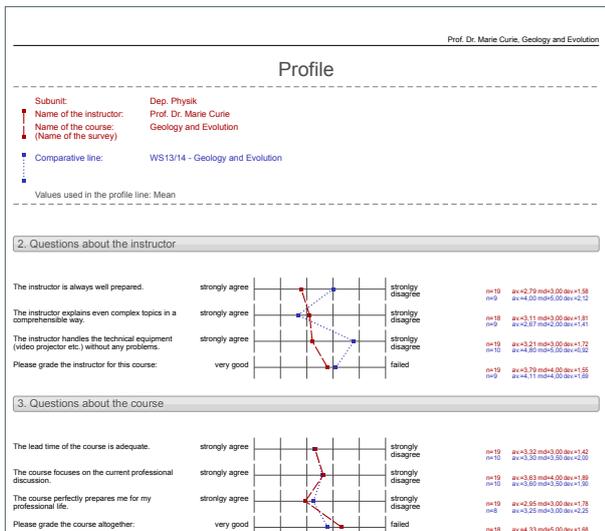




Phase 4: Analysis

Create further evaluations and reports

As soon as you have conducted the survey and captured the data, you receive automatically generated reports. If you want to further process the collected data, for example summarize and/or compare them, you have comprehensive and very flexible possibilities for this in EvaSys Education and also in other programs due to the existing export possibilities. Besides the instant report, EvaSys Education offers a comprehensive analysis of the collected data. Various reports and analyses of subunits can be created with the report creator. On the basis of single evaluations, summarized reports and comparative analyses can be compiled, for example faculty or degree program reports. An option for the batch mailing allows the automatic sending of comparative reports with aggregated means or time series. The use of survey instruments with predetermined or self-defined norm data is also possible in EvaSys Education.



Comparative profile lines in the PDF-report

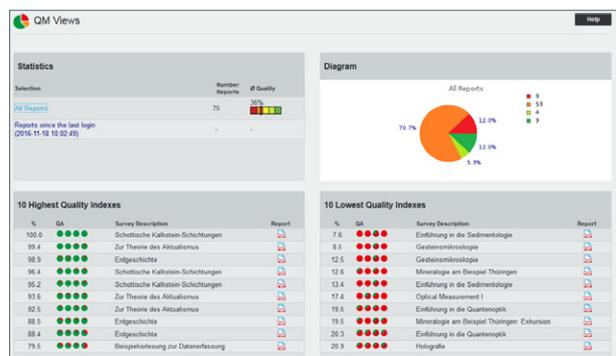
For further analyses, compiled data can be exported from EvaSys Education. The CSV format as well as two special formats for the import to the statistics programs Sphinx and SPSS are available for this.



Phase 5: Quality management

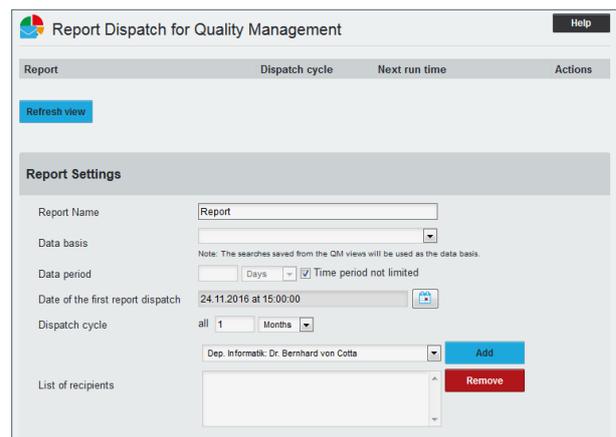
Overview and transparency with quality management views

With the aid of the EvaSys quality guidelines it can be monitored whether lectures conform to a specified minimum quality. The relevant target values can be defined with the help of means as well as with the help of answer frequencies. The target achievement rates are issued on the level of the whole lecture as well as on the level of single quality guidelines.



QM views in EvaSys

Access control permits the definition of flexible access authorizations to quality overviews. Via a periodic, time-controlled mailing, regular reports can be generated if desired.



Report mailing for the quality management

Lecturers or deans also have the possibility to provide notes about a survey and as such release a personal statement (for example in the case of inferior results due to technical problems).

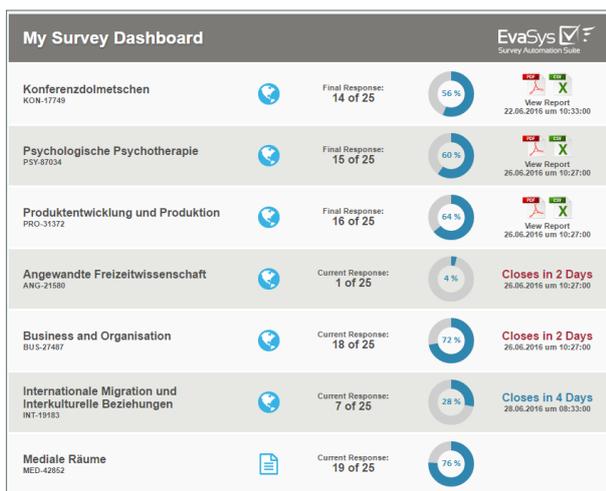
Web service interfaces

SOAP-API

With the EvaSys SOAP-API, third-party systems, such as learning management systems (LMS), can interact with EvaSys. Throughout the years, the API (Application Programming Interface) has been enhanced continuously and offers versatile possibilities, for example in the following areas: Mapping structural data (lecturers, courses etc.), creating questionnaires, survey administration (creating surveys, retrieve PSWDs etc.), reporting and exporting raw data.

LTI®-interface

Learning Tools Interoperability® (LTI®) is a universal standard, developed by the IMS Global Learning Consortium, for the integration of data-keeping systems such as EvaSys in learning management systems (LMS) (for example Moodle, ILIAS or Blackboard). In practical terms this means: With the LTI®-interface you have a quick and simple possibility to connect your EvaSys system with an LMS system and make certain information visible to students and lecturers there. Students can see a list of available online surveys in their learning environment and directly participate via a link. Lecturers get an overview of currently running surveys for their courses with information on response rates, the survey period etc. The display in the LMS is controlled via templates and style sheets, with the type and scope of the displayed information being controlled with the help of the templates and the design of the page in the LMS being set with style sheets.

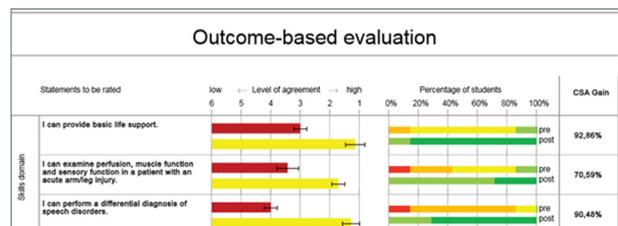


Standard display for lecturers via the LTI®-interface

Outcome-based evaluation

In the higher education sector, evaluations serve to assess the quality of single lectures, whole courses and modules and even entire programs of study. The ultimate goal is of course not only the evaluation of lectures but also the improvement of teaching.

Prof. Dr. Raupach is a Master of Medical Education and private lecturer in the Faculty of Medicine at the Georg-August-University Göttingen. He works as the medical director of the Cardiology and Pneumology Unit of the Heart Clinic at the University Medical Center Göttingen (UMG) and has researched the area of evaluation for years. From this he developed an instrument for the comparative self-evaluation, which enables a reliable and valid assessment of the students' learning outcome. This process can supplement the usual evaluations at universities with aspects of the learning results.



Analysis of the outcome-based evaluation

Students are asked for two evaluations of their level of proficiency. On the one hand the current level of proficiency after participation of the course (post-test) is surveyed, on the other hand the level of proficiency before the course (pre-test). This means that the students have to evaluate in retrospect how their level of proficiency was directly before the course (pre-test).

With this function, results of outcome-based evaluations, using suitably developed VividForms Editor questionnaires, can be displayed in the PDF-report in a way that reduces the level of complexity and offers a good overview of the learning successes of the students of a course.



Conclusion

EvaSys Education is a powerful survey software that can be utilized for various survey projects and integrated optimally into the existing IT and process landscape. The software is ideally suitable for the automated and professional conduction of course evaluations and other survey projects and permits quick and efficient analyses. The benefits at a glance:

- Unrivalled level of automation of the whole process
- Paper-based, online and hybrid surveys
- Flexible user structure
- Optimized display of online surveys for tablets and smart phones
- Unique automation functions due to automated batch events with just a few clicks
- Integration via web service interface into learning management systems and other applications
- Data import from course management systems (CSV, XML)
- International user community - exchange of experiences with the world's leading universities
- Support for the sustainable improvement of the quality of teaching
- Optimal start of the project with our training and coaching offers

Applications

One solution for various applications

Regardless whether license or rental model, extensive project or single survey: EvaSys is flexible and versatile and is utilized in various industries. We offer the right solution for all applications. For example for the following areas:

- Teaching evaluation (courses, programs, modules)
- Alumni surveys
- Seminar assessments
- Graduate surveys
- Outcome-based evaluation
- Transfer analyses
- Employee surveys
- Campus surveys (e.g. kitchen and infrastructure)
- And many more

Convinced!

How do I get in touch?

Talk to our employees about your specific ideas and requirements and clarify all questions about our products. We are happy to advise you at a personal meeting and compile a non-binding offer for you! Find the right solution for your application with us and contact us. We are looking forward to hearing from you!

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