

Student Attendance, Testing & Tracking (SATT)

Existing Evaluation Response System – Link Express

In the past, Applied Computer Systems, Inc (ACS) has offered a limited polling, quizzing and testing system designed specifically to be incorporated into our LINK Classroom Control System. While Link Express has been a very popular product, it was not designed as a complete student evaluation program.

Product Expansion – SATT (Student Attendance, Testing & Tracking)

To meet today's academic demands, ACS has developed an in-depth evaluation system called SATT. SATT can be used as a stand-alone system or incorporated into a LINK SYSTEM. Basically, SATT enables an instructor to not only quiz, poll and test, but also provide attendance logs, automatic test grading and feedback logs and short term/long term student academic tracking. Additional support features include a real-time 'status board', a catalog file of testing questions complete with historical statistical data based upon student responses.

This in-depth approach is designed to provide any instructor with total control of the learning curve plus a historical evaluation database concerning every student involved. Instructors will find SATT provides extremely easy access to student evaluation while compiling more information on every student's performance than has ever been available before.

SATT CONFIGURATIONS:

SATT is an 'open-architecture' evaluation system which electronically compiles data about every student in training. Real-time testing, quizzing, tracking, feedback and academic history is available to all participating instructors from one system. Multiple instructors can use the system simultaneously.

The open architecture enables SATT evaluation data to be integrated with third party learning management systems such as THINQ. SATT is compatible with the outside world, which allows seamless record

transfers for clients already invested with Enterprise Resource Planning Systems.

SATT – STAND-A-LONE or COMBINED WITH LINK –

Whether used in conjunction with a LINK Classroom Control System or without, SATT software is installed on each classroom PC. Students participate with SATT via the monitor, keyboard and mouse.

When SATT is combined with the new 'Advanced LINK SYSTEM' line of products, no software is loaded on any PC in the classroom. This unique feature satisfies clients using High Security Environments and Non-PC classrooms without compromising their systems.

SATT FEATURES:

1. Attendance
2. Quizzing
3. Polling
4. Testing
5. Real-Time Status Board
6. Instructor Question Authoring System (IQAS)

Attendance –

SATT will record each student's attendance on an hourly, daily, weekly and monthly basis per course time. Once the instructor initiates the log-on screen, each student enters a valid ID. Assigned seating is eliminated.

The instructor can view in real-time the log-on status of the entire classroom via the SATT Console Screen. Date, time, student's name, course, instructor's name, etc, all become part of the scholastic record.

Quiz-Polling –

SATT provides the opportunity for spontaneous quizzes, prepared quizzes, and polling complete with feedback data. This type of feedback is of great importance during material coverage, however it may not need to be recorded as permanent data in their records.

Questions may be asked with answers in any combination as follows:

- Multiple-choice
- True/False
- Yes/No
- Fill-In-The-Blank
- Essay

Testing –

SATT testing presents all questions on the student monitor in random order. Randomizing the questions and mixing the listing of multiple-choice answers dramatically reduce the possibility of cheating.

As students progress through the test, they may review and change any answer, anytime. As soon as each student indicates completion of the test, the instructor is alerted via the SATT Status Board.

SATT can automatically grade all the tests in seconds (batch process) or in real-time and the results viewed as the test is being taken. The instructor may send the results directly to the student's screen or simply store the graded results. The instructor can grade the fill-in-the-blank (depending on what kind of answer) and essay questions electronically. In any case, the instructor is always in control of how the results are presented. With a SATT program, seconds replace hours/days of instructor time.

With SATT, student answers, test questions, correct answers, score, length of test time & date of testing, course name and instructor presiding will automatically become part of each student's file. Of course, electronic or printed documentation is available at any time.

Status Board –

The SATT Status Board is a real-time window of every student's progress during a test. By viewing the screen, instructors gain immediate feedback of student progression and their real-time score. As students complete their test, the corresponding icon indicates this status. Grading, scoring and student feedback will automatically transpire, if so desired.

Instructor Question Authoring System (IQAS) –

The IQAS is designed to allow instructors to develop tests using the very best questions/answers possible. To accomplish this, each instructor may develop, add and store any number of test questions to the Question Database. As each question is used over time, it will contain a history file indicating the number of times it has been used, the percentage of correct and incorrect answers, etc.

To create a test, the instructor simply scrolls through the Question Database and ‘clicks’ on the question/answer desired. Tests and questions can be stored and sorted in a variety of combinations, searches, most used, most often answered correctly, ‘trick’ questions, by author, date used, etc.

Questions can automatically be ‘weighted’ to adjust the difficulty of the test. New questions can be used, but not saved in the ‘Question File’, if desired.

By creating a flexible database of questions with answers, with each having a history indicating its success in the past, instructors will be better armed to provide a meaningful efficient test without sacrificing student learning or instructor performance.

TRACKING:

The tracking portion of the SATT program contains the results of each student’s education achievements. There are a number of ways to sort, display and print the desired results. This powerful display/report program will enable the instructor to use existing reports, modify existing reports and create new customized reports in a few minutes. Any new created report can be saved and used again with the latest available data with no report changes.

Any display/report can be generated using any of the variables within the system. For example, arranging these headings in any order, the test results can be generated by selecting the desired column names (students ID number, course, test name, time to complete test and score). All variables are accessible and can be included in any display/report, limited only to the extent of available viewing area or size of paper.

SUMMARY:

The SATT program assists any instructor in doing a better job. More attention can be given to the content of the subject material, removing the instructor from mundane tasks. More meaningful test can be given with immediate feedback. Pop quizzes can be presented more often to know the learning status of the entire class.

Tried and true questions/answers can be developed to cover the courseware thoroughly and accurately. Ambiguous questions can be eliminated and questions with known difficulty can be used accordingly. Hours and days of last minute preparation is avoided.

All attendance and test information is available through the tracking portion of this system. Viewing of data and generating reports of important information can be easily tabulated. The system provides the means to record student academic accountability from attendance to test score results of their endeavor.

There are a number of features in this SATT program that are only briefly mentioned in this white paper. There is an Installation & Operation Manual that describes how to use this SATT system in detail when you purchase the system. Should you have any questions or need additional clarification, please call me at 1-800-237-5465.

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