

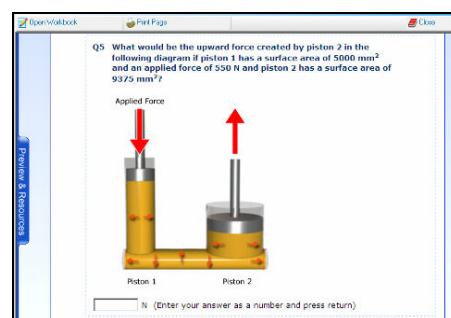


# ST520 ClassAct Computer based classroom management



## Learning Materials

There is a large range of competency-based modules that can be managed by the ClassAct Management system, covering all age and ability ranges. The learning material can be in the form of HTML based eContent, On-Screen Manuals, Computer Aided Instruction (CAI) or conventional paper-based assignments. Computer-delivered materials contain questions that are answered on screen. The PC Data Terminal utility allows students to enter answers to questions from printed sheets.

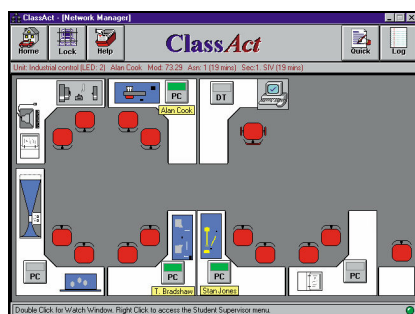


ClassAct is our PC-based Computer Managed Learning Environment (MLE) used in thousands of teaching establishments around the world. It provides a complete, integrated suite of utilities that give the instructor/teacher the power to manage competency based learning activities in any classroom or laboratory.

The ClassAct System allows instructors and teachers to schedule, monitor, track and report on student progress through their course. With this package you can run classrooms where every student works on a different piece of work at his or her own pace.

## Management System

Network Manager is the core component of the management system. As well as handling all the network communication to and from student workstations it also provides the instructor with a real-time view of the classroom activity.



An on-screen laboratory/classroom mimic shows your exact room layout and keys each student to their physical location. This window provides a recognizable and intuitive interface to the management system tools. The majority of ClassAct's facilities can be accessed directly from this screen, these include:

- Real-time display of student progress – down to individual question responses.
- Access to all automatic warnings on student learning difficulty.
- The ability to change the student's current course position or send extra work.
- The eContent Browser for previewing, printing or presenting learning materials at the front of the class.
- The ability to manually grade work or adjust marks assigned automatically.
- Two-way communications with the students (as class groups or individuals).
- Class and individual student reports. These can be displayed on-screen or printed.

## Student Workstation

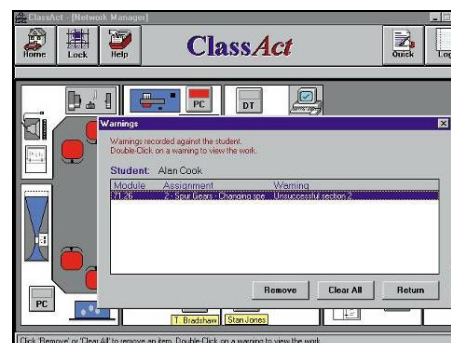
The ClassAct workstation client provides the environment for students to logon to the ClassAct management system. The workstation automatically takes care of all communication with the management system, including sending back question responses, handling pop-up messages and the Chat and Call facilities.

Once logged on, the delivery of learning materials is determined by the ClassAct management system. The degree of flexibility you want your students to have can be set on a class basis and includes the ability to have different sequences of work for different students in the class – the ClassAct workstation then imposes these rules.

The ClassAct workstation also provides the software interface between the learning content and switched hardware faults which can be automatically inserted into our electronics and panel trainer products at specific points in the course.

LJ learning materials make use of many of the features of ClassAct to produce a unique learning environment:

- Pre-tests can evaluate how much a student knows about a subject.
- Incorrect answers to key questions within the learning material can be set to prompt with additional help or even automatically allocate extra work to cover the skills weaknesses.
- An instructor/teacher can take control of a student's learning path at any time and allocate extra or different work to be started immediately or when the current piece of work is finished.
- Student scores are available on the instructor's computer immediately the students respond to questions.
- Warnings appear on the instructor's computer if a student does not achieve the expected pre-programmed levels.

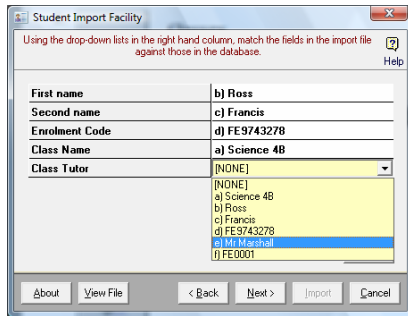




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## Class Management

Create class records, add students, assign learning profiles, and configure attainment targets. A student importer provides a facility to import student details from an external data file:



## Course Setup

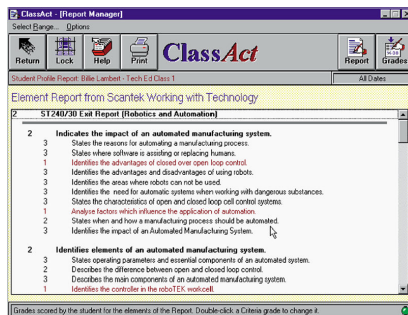
Create a preferred schedule of work that automatically delivers content appropriate to a group or individual needs. Schedules can be changed and adapted as required. Students can be forced to follow the schedule or be given the freedom to choose their own path.

## Module Mangement

Develop your own learning modules, including adding automatically marked and tracked questions that will form part of the student record held in the ClassAct database.

## Reporting

ClassAct contains a comprehensive suite of built-in reports. These use the results collected automatically as students work and instructor input scores to provide reports on student attainment, competencies, attendance and utilization.



Reports can be run on students, classes and in some cases all the classes on the system and have options for displaying averages and totals. A customizable grading structure system supports the creation of multiple grade keys to match specific requirements.

Report Manager can also be used to view and grade manually marked work submitted by students. In this way, class participation, discipline or extra credits can be incorporated into student grades.

Many teaching modules are supplied with ready-built competency report profiles. These can be adapted or new ones created to match specific curriculum authority requirements.

For added flexibility, reports can be exported to Microsoft Excel® where further manipulation and customization can be carried out.

## Rotation Report

This report is specifically designed for use in situations where all students in a class work on different modules in a scheduled rotation. ClassAct assists in the management of this type of work with this report giving access to student results in an appropriate form.

## ClassAct SRS

ClassAct is fully compatible with the ClassAct SRS (Student Response System). With ClassAct SRS, all students are able to participate in a front of class presentation using their own individual remote keypads. All the information entered by the students is automatically integrated into their ClassAct record and can be reported on.

Refer to the ClassAct SRS Fact Sheet for further information about this package.

## CARA CAI Editor

The CARA Computer Aided Instruction editor allows you to create your own CD-ROM based multimedia on-screen assignments.

## ClassAct Footnotes

"FootNotes" is a software utility that allows an instructor to add their own notes to LJ curriculum in the form of text or audio voiceovers. FootNotes may be used to add extra information to individual screens of On-Screen Manuals or Computer Aided Instruction.

## New Features

The ClassAct system continually evolves to support new ways of working. Recent developments include:

Support for new interactive HTML based learning materials:

- A new HTML browser based plug-in to display eContent teaching materials to students.
- Support for new question types within eContent materials, including: typed word answers, drop-down selections and picture questions.
- Links within the material to directly launch supporting applications and presentations.
- The ability for students to enter typed paragraph/essay answers and attach files to their own electronic workbook
- Support for front-of-class presentation of learning materials and presentations.

Support for multiple ClassAct Management Systems to share a common data source:

- Install ClassAct into multiple classrooms/ laboratories and share real-time data between them.
- View reports, mark work and setup classes and courses away from the classroom.
- Introduction of a new licensing module to support sites with multiple classrooms.

## Ordering Information:

### ST520 ClassAct Options

- ST520/NTW 100 user network license. All sites must have one network license.
- ST520/NTL 100 user additional license. Each additional ClassAct management system requires an additional license.

### CARA CAI Editing Suite

- ST590T CAI Editing Software and 10 Authoring Station Licenses.
- ST520/FN ClassAct Footnotes - Editing Package (lab license)

### ClassAct Training

- ST800 OS On-Site Training
- ST800/P1 Phase I Training
- ST800/P2 Phase II Training