

ANTINOOS @ BETT 2008



Stand SW48

ANTINOOS participates at BETT, the international exhibition for educational technology. Join us 9-12 January at Olympia London, STAND SW 48

NEW BACCALAUREATE VERSION

ANTINOOS is a highly skilled software developing company which has provided complete IT solutions in Greece and Cyprus since 1993.

Its leading product OROLOGIO is a computer application, allowing you to schedule your School-Timetable quickly and accurately.

OROLOGIO has been developed and continuously improved by ANTINOOS since 1993, taking into consideration the many suggestions and comments of a large number of users facing many timetabling situations. Hundreds of Schools and other Educational Institutions throughout Greece and Cyprus are now using OROLOGIO to create their Timetables.

Unlike other applications, OROLOGIO is the only programme that automatically builds the Timetable for you.

The fast processing, offered by OROLOGIO, enables you to create many Timetables, to optimise them manually or automatically and to select the one that fits you most. This way you save time, decrease costs and have better results.

OROLOGIO is now considered among the best 2-3 applications of its kind in the world market and ANTINOOS aims at this market with constant product improvements and quality with emphasis on OROLOGIO.

Enter Teachers, Classes-Courses, Subjects, Team teaching, Students, Rooms, Sites etc.

Run the automated building of the Timetable

View and modify your Timetable on your pc-screen

View various statistical distributions

Print or/and Export the resulting Timetables

Determine the time-constraints (period exclusions) for Teachers-Courses-Rooms.

Determine the teaching relations among Teachers-Courses-Subjects

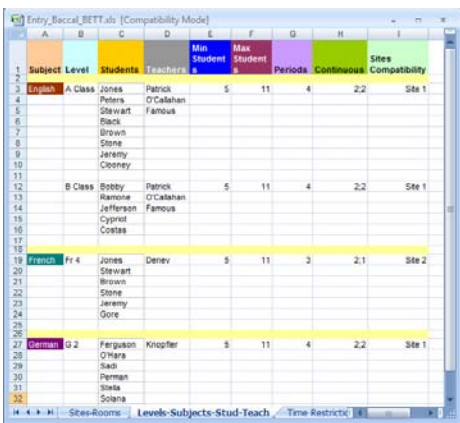
The only programme that automatically builds the timetable for you, now better than ever!

It's as easy as a click..

OROLOGIO-OPTIONS
Automatic creation of School-Options based on Students' choices



OROLOGIO-BACCALAUREATE
Automatic creation of Baccalaureate Schools Timetable



Typical time lapse for building a Timetable on a 3.06GHz Pentium	
100 Teaching Periods	0.5 sec
300 Teaching Periods	18 sec
600 Teaching Periods	50 sec
1400 Teaching Periods	4.2 min

Timetable Limits	
Days	28
Teaching Periods per Day	24
Teachers, Classes, Subject, Room (Opt.Pro)	500
Teachers, Classes, Subject, Room (Adv.Std)	250
Total Teaching Periods (Opt)	> 1200
Total Teaching Periods (Pro)	> 800
Total Teaching Periods (Adv)	> 400
Total Teaching Periods (Std)	< 400

NEW! OROLOGIO 14

General

- Fast algorithmic building of multiple solutions saved in unlimited files **NEW!**
- Adaptation to any School type
- Multilanguage Support Utility (Lexicographer)
- Improved 32bit code for Windows 95, 98, ME, NT, 2000, XP

Basic Data

- Teachers, Classes-Courses, Students, Subjects, Subject weight
- Rooms, Room Capacity & Sites for split-site Schools
- Shared teaching in joint Classes & Class splitting in multiple levels
- Team teaching for Teachers (Group of Teachers teaches the same Group of Students) **NEW!**
- Time constraints (period exclusions) for Teachers-Classes-Rooms-Sites-Students-School
- Quota time constraints (probabilistic exclusions) for Teachers-Classes-Rooms-Sites-Students-School **NEW!**
- Real-time data conflict checking **NEW!**

Data Relations

- Teaching periods, adjacent teaching periods and Subjects that a Teacher teaches in a Class
- Select the preferred Rooms a Teacher can teach a Class
- Determine the Classes that can't have lessons simultaneously
- Determine the Subjects that cannot appear on the same day **NEW!**
- Determine the Teachers that can't have lessons simultaneously **NEW!**

Data Clashes

- Multiple compatibility tests and hints before and after processing, for a clash free solution Timetable

Initial Settings and Processing

- User can interactively place some lessons (as initial conditions) on the Timetable before the processing of the solution
- User can start an automated building of a Timetable for only some selected joint or split Classes **NEW!**
- User can start an automated building of a Timetable for only the Teachers that teach as a team **NEW!**
- User can start an automated building of a Timetable for only some selected Subjects (Courses) **NEW!**
- Auto-processing satisfies the time and other constraints that are preset
- Auto-processing satisfies the requirements for adjacent teaching periods, multiple period teaching in a day, equidistribution of teaching Subjects in weekly basis, etc.
- Timetable re-building in a daily basis to backup an absent Teacher

Result Preview

- Preview of Individual and Master Timetables (Teacher-Class-Room-Student)
- Preview of various Distributions and Statistics (Teacher-Class-Room-Student)

Automated Optimisations

- Automated minimisation of free slots for Teachers and Classes
- Automated optimisation of daily lesson distribution for Teachers and Classes
- Automated optimisation of lesson per period distribution for Teachers and Classes
- Automated optimisation of continual teaching for Teachers and Classes
- Automated minimisation of Room usage and Room clearing
- Automated minimisation of moves among different Sites for Teachers and Classes
- Automated optimisation of Probabilistic Time restrictions **NEW!**
- Automated optimisation of Subject Weight Distribution **NEW!**

Interactive Modifications

- After initial solution is reached user can interactively modify the Timetable
- User can select a place out of a set of proposed alternative places for a lesson or a block of lessons, make the change and the programme takes care of all other related modifications automatically
- User can see the side effects of a particular lesson move before accepting the change or else step back
- User can make a must-have change on Timetable and programme fixes all other lesson assignments
- User can change Teacher, Subject or Room for an assigned teaching period (change data), while working on Result Timetable
- User can lock-unlock lessons at selected teaching periods and/or place and remove time exclusions on Result Timetable

Reports, Printouts and Exports

- Easy Copy-Paste of Data and Timetables into Word and Excel
- Export Data and Timetables to text (tab-delimited) Files
- Configurable Printouts of individual Timetables for Teacher-Classes-Rooms-Students
- Configurable Printouts of Master Timetables
- Data consistence Reports and Printouts



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