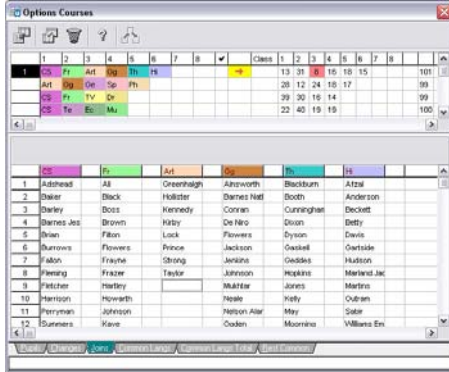




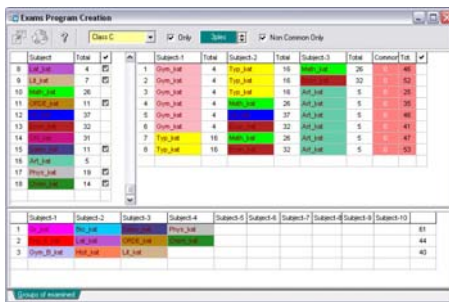
The only programme that automatically builds the timetable for you, now better than ever!

It's as easy as a click..

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



**OROLOGIO-EXAMS**  
Automatic creation of School-Exams Schedule



| Typical time lapse for building a Timetable on a 3.06GHz Pentium |                |
|--|----------------|
| 100 Teaching Periods   | <b>0.5 sec</b> |
| 300 Teaching Periods   | <b>18 sec</b>  |
| 600 Teaching Periods   | <b>50 sec</b>  |
| 1400 Teaching Periods  | <b>4.2 min</b> |

| Timetable Limits                           |                  |
|--|------------------|
| Days                                       | <b>28</b>        |
| Teaching Periods per Day                   | <b>24</b>        |
| Teachers, Classes, Subject, Room (Ent,Pro) | <b>500</b>       |
| Teachers, Classes, Subject, Room (Adv,Std) | <b>250</b>       |
| Total Teaching Periods (Ent)               | <b>&gt; 1200</b> |
| Total Teaching Periods (Pro)               | <b>&gt; 800</b>  |
| Total Teaching Periods (Adv)               | <b>&gt; 400</b>  |
| Total Teaching Periods (Std)               | <b>&lt; 400</b>  |

# NEW! OROLOGIO 13

**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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