Version comparison Dollars (USD)	Lite	Optimum	Demo
*Price for 10 teachers. You can see the full rate in: https://www.penalara.com/es/ES/versiones-precios/	**$0**	**$78***	**$0**

USE of licence

	Lite	Optimum	Demo
Period of validity (days)	366	366	15
Number of teachers in the timetable (up to)	> 100	> 100	10
Installations	3	10	3
Type of use	Complete	Complete	For testing
Availability of automatic renewal	✓	✓	

User profiles

	Lite	Optimum	Demo
Basic	✓	✓	✓
Allows you to switch to advanced profile		✓	✓
Allows you to switch to superior profile		✓	✓

Weekly timetable configuration

	Lite	Optimum	Demo
Definition of breaks and midday stops	✓	✓	✓
5 or 6 days per week	✓	✓	✓
Up to four overlapping time frames	✓	✓	✓
Different timetabless for each day of the week	✓	✓	✓
Intervals with fractional duration	✓	✓	✓

Elements assigned to the timetable

	Lite	Optimum	Demo
Subjects, groups of students, teachers, classrooms, set of classrooms, courses and tasks	✓	✓	✓
Academic sessions	✓	✓	✓
Complementary sessions	✓	✓	✓
Meetings	✓	✓	✓
Teachers' guards		✓	✓
Groups in remote classrooms	✓	✓	✓
Departments associated with teachers and subjects		✓	✓

Validation, generation and optimization of results

	Lite	Optimum	Demo
Validation process of configuration	✓	✓	✓
High performance **engine** to fit in results. A result that verifies the strict conditions that have been configured, is found with extraordinary effectiveness	✓	✓	✓
Optimization of the obtained results and continuous search for the best timetables. The timetables in addition to verify the compulsory conditions, will be an optimal balance between the preferences and the established criteria		✓	✓
Definition of strict criteria as ponderable		✓	✓
Minimization of unoccupied groups intervals		✓	✓
Other optimization criteria for the group: changes of classrooms between its sessions, preferences of its template		✓	✓
Minimization of unoccupied teachers intervals		✓	✓
Daily teaching load of teachers balanced throughout the week		✓	✓
Search for equitable results for all teachers		✓	✓
Other optimization criteria for teachers: preferences of their template, avoid guards at the ends, not to exceed weekly permanence, restrictions of first and last hours, unoccupied space around midday, etc.		✓	✓
Connection between sessions: consecutive sessions, on different days and non-consecutive sessions		✓	✓

	Lite	Optimum	Demo

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Other optimization criteria for the sessions: not coincide at first or last hours, sessions on alternate or consecutive days, coinciding time slot, etc.		✓	✓

Version comparison

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	Lite	Optimum	Demo
Editor			
Different displays of the timetables: by groups, teachers, classrooms, departments, etc.	✓	✓	✓
Modification of solved timetables: move sessions through drag and drop operations, adding unplaced sessions, etc.	✓	✓	✓
Modification of sessions: change in teacher, group, subject, classrooms, etc.	✓	✓	✓
Creation of new sessions on the timetable solved		✓	✓
Incorporation of new elements into the configuration lists: subjects, groups, teachers, classrooms, etc.		✓	✓
Printing of timetables	✓	✓	✓
Presentation of results in PDF format		✓	✓
Presentation of results in HTML format		✓	✓
Presentation of results in Excel format		✓	✓
Free edition of independent tables in GRI format		✓	✓
Data exchange with other applications			
Exchange of data and results with other academic management applications		✓	✓
XML-GHC standard interface for the exchange		✓	✓
CSV tables exchange	✓	✓	✓
Integration with calendars			
Outlook Office 365	✓	✓	✓
Google Calendar	✓	✓	✓
Platform for managing application files			
Local management of application files	✓	✓	✓
Use of a remote archive (GHC Web) to share configuration files and results		✓	✓
Additional Assistants			
Creation of groups according to the optional subjects of the students of each course		✓	✓
Capture of teachers' preferences and assignments		✓	✓
Management of teacher absences		✓	✓
Other operations			
Projection of a result on the planner		✓	✓
Unification of GHC files		✓	✓
Generation of assessment boards		✓	✓
Results reports and statistics: compliance with teachers' preferences, assignments, etc.		✓	✓
Training, technical support and help for users			
Video tutorials and access to online presentations	✓	✓	✓
Resolution of queries through incidents platform in your private area of the web	✓	✓	
Resolution of queries by email	✓	✓	✓
Resolution of queries by phone		✓	✓
Priority attention		✓	

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