

TOSCA

Traditional Group Timetable Generator

ADVANTAGES AND BENEFITS

For those responsible for creating group timetables:

- ***Saves time***
- ***Maximizes efficient deployment of resources (teachers & locations) by generating multi-group options***

The new version of the TOSCA timetable generator saves administrators and teachers precious time by generating a timetable for each group in only a few minutes. With TOSCA, the drudgery of manually working out timetables is a thing of the past.

Starting with group data inputs, TOSCA software plans the timetables of selected groups for time periods chosen by the user.

Simultaneously generating multi-group (classes, teams, etc.) timetables maximizes efficiency, as the software assesses the availability of resources (teachers, locations, etc.) before generating conflict-free solutions.

Moreover, timetables can be generated according to different parameters: by *contiguity*, *complete day*, *block*, or by *alternate day or block*, as well as by *maximum hours per day*.

Target Clientele

- Those responsible for designing traditional group timetables

New Functionalities

In TOSCA:

Group Planning (Improved)

The software now asks for certain data inputs so that the timetable generator recommends group timetables responding as close as possible to needs (maximum number of hours per day, distribution type).

Timetable Generation

A new activity gives the option of generating by groups and generating by weeks.

A Situation Analysis of Proposed Timetables

For each group selected, TOSCA displays a situation analysis for each week generated as well as an action allowing for the visual display of the timetable suggested by the generator.

Saving Proposed Timetables

A function allows users to save proposed timetable variants.

Supported technologies

Internet Application

You must have installed a Web server according to the following modalities:

- Possess administrator's rights
- Windows Server 2008 R2 (french or english)
- Last SP and other correctives
- Microsoft .NET Framework 4.0 with the last correctives
- IIS (Internet Information Service) Version 7.5
- Pipeline mode managed in Integrated for the applications pools
- Web Services Enhancements (WSE) 3.0
- SSL Certificat for the Web server

If Microsoft .NET Framework is not installed, refer to the Babillard site of Société GRICS at the following address <https://babillard.grics.qc.ca> under the section « **Général – Applications Internet – Téléchargement** ».

Customer post

The customer post which executes the Jade-Tosca application to start the generation of schedules has to have one of the following operating systems :

- Windows 7
- Windows Vista with the Microsoft **API Windows Web services** that you can download at the following address : <https://babillard.grics.qc.ca> under the section « **Général – Applications Windows – Téléchargement** ».

For more information, please visit our website: www.grics.qc.ca or contact our Client Services team by telephone at (514)251-3730, or by email: info@grics.qc.ca.