



# **Exam Scheduler 3.5.2**

## **Release Notes**

## Document summary

Written by	Date	Issue	Status	History
DH/SP	30/06/2016	1.0	Approved	Approved for release

Public: Yes

## Support

To access support for Scientia software, visit <http://www.scientia.com/en-GB/Support>

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# 1 About this release

## 1.1 About Exam Scheduler

Exam Scheduler 3.5.2 is a set of components that enable users to easily and efficiently create an examination timetable. Exam Scheduler can schedule the students, staff, and invigilators that are taking or supporting each exam into the rooms where the exams can take place. Manual, semi-automatic, or automatic scheduling provides the flexibility to create a timetable that meets all delivery requirements while optimising the use of exam room space and invigilator time.

## 1.2 Reasons for this release

Exam Scheduler 3.5.2 includes functional improvements and addresses a number of problems identified in preceding releases.

For more information about the principal improvements in this release, see the *Functional changes at this release* table in *Release details* (on page 2).

## 1.3 Supported platforms

For supported platforms, see the *Exam Scheduler 3.5.2 Installation Guide*.

## 2 Release details

This section contains the following information about this release:

- A summary of the functionality that has been added or changed since the previous release.
- A summary of the problems that are resolved in this release. Only problems that were present in a previous full release are listed.
- A summary of previously discovered, salient problems that have not been resolved in this release. These problems might have been introduced in any prior version of this software. If you encounter any of these problems, contact your local support team to add your experiences to the investigation (see *Support* on page ii).

Functional changes at this release:

ID	Description
US1116	<p><b>New “Avoid concurrency between rooms” constraint</b></p> <p>A new “avoid concurrency between rooms” constraint has been added to the scheduler. This constraint enables the correct modelling of partition spaces, by enabling the exclusion of some combinations of layouts. It also enables modelling of the scenario where some rooms may be unusable (for example, due to noise) if the next door room is used.</p>
Various	<p><b>Integration with Scientia Exam Management System (EMS)</b></p> <p>Integration with the Scientia Exam Management System (EMS) is now provided (for the Paper Management and Invigilator Rostering modules).</p> <p>This integration moves the appropriate data and status information between ES and EMS in both directions to support interoperability and maximise workflow efficiency. For example, invigilator availability captured in EMS is passed to ES to ensure invigilators are rostered only during times that they are available.</p>
Various	<p><b>Integration with Scientia Publish</b></p> <p>Integration with the Scientia Publish service is now provided.</p> <p>Scientia Publish enables students and staff members to view their timetable online or in their mobile device’s calendar. This integration enables students and staff members (invigilators or academic staff) to see exam events in their timetables in addition to their teaching events (which are already displayed).</p>

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ID	Description
US1436	New exam paper types: Additional and Supplementary (in addition to existing Main and Alternative types).
US1782	<b>Performance improvements</b>  Performance improvements in the Schedule Exam Activity view speed up the display of the constraint bars and schedulable starts in the timetable grid.
Various	<b>Usability enhancements</b>  The user interface contains the following additional columns: <ul style="list-style-type: none"><li>• When assigning invigilators, the user can now see a column showing the roles that invigilator can perform.</li><li>• The student home list now includes columns showing the number of exams the student is sitting in this period and the student's suitabilities.</li><li>• The session home list now includes a column showing the capacity of the room.</li><li>• The Schedule Exam Activity home list now includes a column showing the staff allocated to the exam.</li></ul>
US1432	More application colour schemes are now available for the user to choose from, including a high contrast scheme suitable for visually impaired users.

### Problems that are resolved in this release:

ID	Description
PRB18493	The required number of invigilators is not updated if another exam is added to an existing session in a room.
US1460	The required number of invigilators is not updated if students are added to the exam.
US1547	Adding a student to a serial exam can cause Exam Scheduler to enter an infinite loop if the batch duration is longer than the maximum duration of the exam.

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<b>ID</b>	<b>Description</b>
US1536, US1537	Adding a new exam to a session does not remove an invigilator from the session if they are required as staff on the new exam. Adding a staff member to an exam does not remove them as invigilators for that exam's sessions.
US1717	Cannot remove a specified role for an invigilator already assigned to a session.

Problems that are not resolved in this release:

<b>ID</b>	<b>Description</b>	<b>Workaround</b>
US408	If exam periods overlap and exams are scheduled in each exam period for the same room at the same time, duplicate sessions are generated.	Avoid overlapping exam periods.

## 3 Install and upgrade

### 3.1 Installing the software

For information on installing Exam Scheduler 3.5.2, please refer to the *Exam Scheduler 3.5.2 Installation Guide*.

### 3.2 Upgrading an installation of a previous version

Existing installations of Exam Scheduler 3.5 or 3.5.1 can be upgraded to Exam Scheduler 3.5.2. For more information about this process, see the *Exam Scheduler 3.5.2 Installation Guide*.

Installations of Exam Scheduler 3.4 or earlier must be upgraded to Exam Scheduler 3.5 before they can be upgraded to Exam Scheduler 3.5.1. See the *Exam Scheduler 3.5 Installation Guide* for more information.