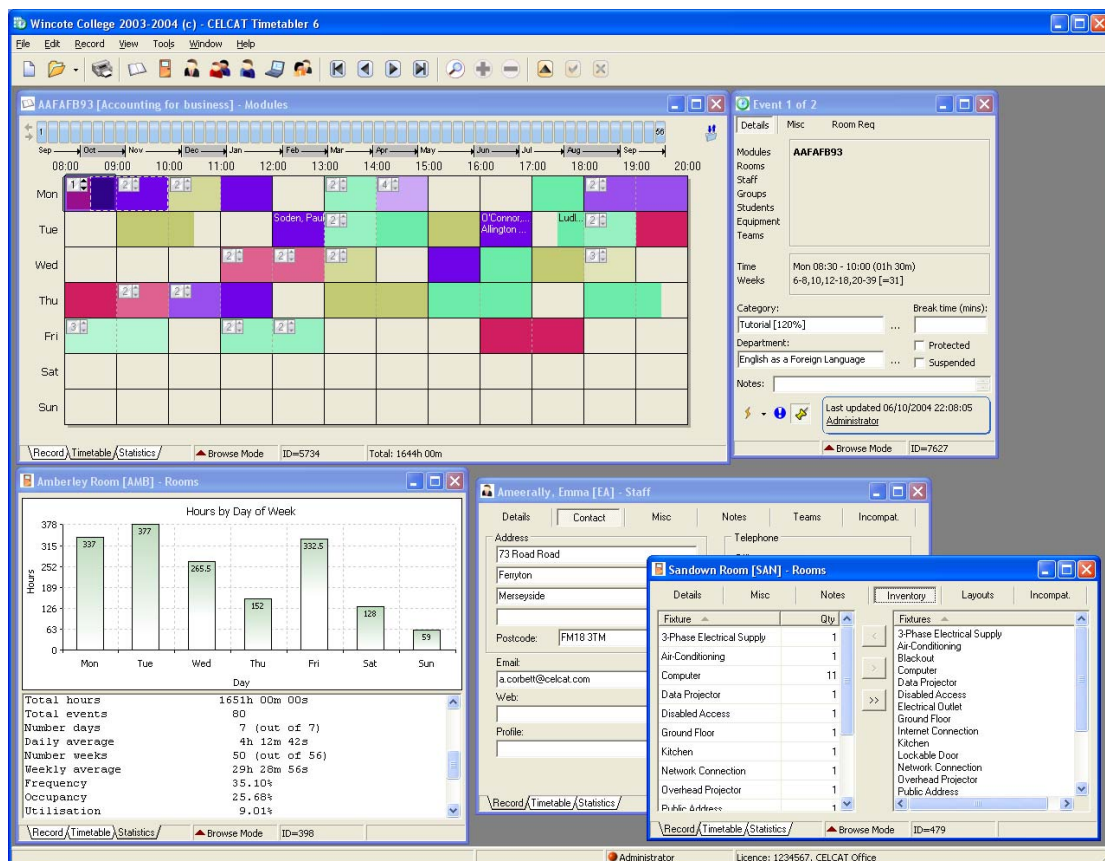


CELCAT timetabler

Data Sheet

CELCAT® *Timetabler* 6 is an interactive package for PCs that drastically reduces the amount of time spent on constructing and maintaining timetables. The *Timetabler* 6 software runs on *Windows*® and uses the *Microsoft*® *SQL Server* database. An intuitive graphical user environment combined with robust multi-user operation and flexible web access enables institutions to offer unparalleled support for the teaching timetable.



Features

Usability

- PC and web-based clients.
- Drag and drop timetable editing (within and between timetable grids).
- Unlimited numbers of resources (staff, rooms etc).
- Seven resource types (Modules, Rooms, Staff, Groups, Students, Equipment and Teams) and seven classification types (Courses, Departments, Event Categories, Faculties, Fixtures, Layouts and Sites).
- Equipment tracking.
- Staff team membership.
- Group/student and group/sub-group membership structure - to any level.
- Dynamic Usage Charts to quickly identify availability.
- SMS communicate with staff and students.
- Undo and Redo (up to 100 operations).
- Web access to timetables to view and modify (web server supplied). No special browser controls required.
- Resource booking for subsets of an event's weeks.
- User-defined terminology (e.g. change "student" to "pupil").
- Inter-site travel times.
- Scheduling of bank holidays and other 'global' events.
- Fixed and preferred resources for Modules and Groups.
- Inventory of fixtures and fittings for each room assists in room selection.
- Default and alternative seating layouts (and capacities) for each room.
- 'Incompatible' resource combinations.
- Special needs of staff and students accommodated.
- Resource and event notes, and user-defined 'tags'.
- Charges for room and equipment use.
- Configurable grid axes.
- Custom event creation (for unusual durations and start offsets).
- Event granularity of 1 minute.
- Descriptive names for weeks and week spans.
- Colour-coded events (by event category, department or faculty).
- Import directly from *Timetabler v5* and other software systems.
- Import using CSV.
- Export to CSV.
- Rollover Wizard to create next year's timetable based on the current one.
- Advisers offer advice on availability and suitability of rooms, staff and times.
- Statistics for resources at a glance.

Security

- Comprehensive security with strong encryption.
- LDAP support.
- Comprehensive user and role based access rights from a global level to that of individual resources. Ability to assign multiple roles per user.
- Multi-user and network-ready. Comprehensive logging of all activity.
- Separate Administrator application.
- Administrator can enforce timetable options and preferences for selected users.

Printing/Publishing/Reporting

- Comprehensive timetable grid and list printouts.
- *Adobe® Acrobat®* PDF creation.
- Automatic notification of timetable changes using SMS and email.
- Automatic update of staff/student calendars (interoperability with *Microsoft® Exchange Server* or *Outlook*).
- Send timetables or event confirmation by email (in PDF).
- Automatic or manual publication of timetables to intranet or web using html and/or PDF
- Statistical analysis of resource use (including standard room utilisation figures).

Clash Checking

- Clash checks: Double-booked resources, inadequate rooming, inefficient rooming, extensive room layout changes, inadequate fixtures in a room, incompatibilities between resources allocated at the same time, insufficient break and lunch times, insufficient staff free days, insufficient travel time for staff/students or for setting up equipment, missed teaching targets, inadequate staff/student ratio, excessive staff/student ratio, incomplete events.
- Dynamic or retrospective clash checking.
- Advisers help resolve clashes.

Architecture

- Multi-tier architecture for ease of maintenance and scalability.
- Industry standard SQL implementation & published data schema – easily integrate into your own systems.
- Software Integration Plugins for bespoke integration of your MIS or other software systems.
- Bespoke reporting available.
- COM Library programming interface – create your own applications that read/write *Timetabler* data.



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