


CELCAT Timetabler

The complete solution
from the experts





Our **SECTOR** is changing.
Our **TECHNOLOGY** is changing.
Our **ROLES** are changing.



Now, more than ever, agile and robust timetabling solutions are necessary.

We, at CELCAT, understand this. It's all that we do, and it's all that we've ever done. The education sector is our one and only focus and timetabling is our passion.

We are here to help you do it all

For 40 years, we've grown with you. Our suite of products now comprises more than 30 applications, offering the most comprehensive and easy-to-integrate solution on the market. This, coupled with our consultative and friendly support, is why over 250 Site Licence clients worldwide continue to work with us.

User-friendly

We all know that if it's complicated, no one will use it. That's why we ensure that all of our products are simple to install and use and that you have personalised support to help along the way. With a basic knowledge of Windows and web functionality, you can have your timetabling solution up and running quickly and easily.

Collaborative

We think of ourselves as an extension of your team, and aim to ensure that you feel the same. Through user forums, health checks and regular customer care visits by our experienced account managers, we listen to you, and your peers, and quickly respond with updates on a monthly basis.

Trusted experts

We are one of you. The majority of our team has first-hand experience in your world, so our business has been developed by experts who have timetabling in their DNA. In the last four decades, we've evolved with you and with the industry. We always strive to deliver more than simply functional products; we solve problems that are unique to you.

Forward thinking

The education market is always evolving and so are we. We constantly monitor trends to ensure that we deliver the best solutions for the present whilst our inquisitive nature takes us beyond current requirements. This agile approach allows us to deliver more than just software; we deliver a holistic service tailored to meet all of your needs. We do this through a bespoke service designed to assess your data, procedures and software to confirm that they meet best practice and are fit for purpose.

Interactive Timetabling

Save time. Reduce errors. Retain control.

Simply put, we're all looking for user-friendly timetabling. At CELCAT, we offer a streamlined, multi-functional solution for timetabling in the 21st century that combines technology and human know-how. We work hard to ensure that we harness the best of both to achieve the perfect balance required by timetablers, administrators and students alike.

We know that interactive timetabling done well creates the foundation to deliver the best experiences and outcomes for every stakeholder; staff, students and your institutions.

Enabled by powerful software, we allow the timetabler to orchestrate a timetable that is practical, efficient and clash-free.

Interactive timetabling has everything you need including powerful advisers, wizards and reporting tools to guide you in assigning available resources, resolving clashes and generating reports to analyse the data.

Whether you prefer Windows over web or vice versa - it's no problem. **Timetabler Client** (Windows) and **Timetabler Live** (web) can be used together or exclusively.

Timetabler Administrator allows you to maintain control. You define users, roles and access rights, making it easier for others to contribute to the timetabling process and allowing for a truly collaborative experience. Others can assist in the process, giving you the time to take a more strategic approach.


“ Over the years, I looked at several systems, but time after time, CELCAT scored more points than any other software. A year after starting to use CELCAT, I can testify that for the London Film School, CELCAT has revolutionised the way we timetable. ”

**Moshe Nitzanil, IT Manager
The London Film School**





As with everything that we offer, you have **CHOICE** and **FLEXIBILITY** when deciding which solutions to implement.

A close-up photograph of a hand placing a puzzle piece into a larger assembly. The puzzle pieces are dark blue and have a textured surface. The hand is illuminated by a warm, orange and yellow light, creating a strong contrast with the cool blue of the puzzle. The background is a blurred pattern of puzzle pieces. The overall composition is framed by a large, semi-circular graphic element on the right side, transitioning from white to yellow and orange.

Take your timetabling to the **NEXT LEVEL.**

Automated Timetabling

The next generation of timetabling is here, and it's been designed with you in mind.

We've created forward thinking applications to help timetablers and exam administrators manage and timetable resources efficiently, a significant factor in the successful running of your institution.

Course Scheduler and **Exam Scheduler** take the emotional factor out of timetabling; resulting schedules are based purely on data and constraints. The technology makes the complex decisions; you simply coordinate the entire process. You gather the data from relevant sources, set the rules and define your objectives. The software then crunches the data, delivering an optimised schedule that maximises resource utilisation, ultimately creating a better student and staff experience.

You maintain control throughout the entire process. Both applications can be used in conjunction with Interactive Timetabling, or on their own. The choice is yours. The choice is always yours. Preview your automation results, make revisions, and publish only when you are satisfied.

When using **Web Data Collector**, the process of constructing timetables becomes more inclusive. This intuitive application allows staff to define their preferences. Preferences are automatically converted into constraints used by automation.

“ CELCAT Automation was deployed two years ago and we experienced instant benefits to room utilisation. Now, the whole process of constructing the timetable is much more efficient and streamlined. Automation has contributed to improvements in resource utilisation and the effectiveness of the timetable resulting in a better student experience. ”

James Nial, Head of Planning and Management Information
University of Suffolk

Attendance Monitoring

How do you know that a student is where they are meant to be at a given time? The answer is the register.

We can help you collect all of the attendance data your institution needs to ensure that you know who is attending and who is not. Furthermore, we help you put that data into a format that allows intelligent interrogation and reporting. Our solution links in with numerous technologies to allow for varied and simple data capture mechanisms.

Timetabler Attendance

A Windows based solution that offers seamless integration with *Timetabler* and generates registers based on timetabled events.

Attendance Live

Accessible any time and anywhere, this web-based option makes marking registers simple and extremely convenient.

Offline Attendance Service

Combine the power of attendance and data collection to streamline processes. Through a variety of sources (MiFare, biometrics, iBeacons and more), registers can be automatically marked, saving academic staff the time and hassle of manual marking.

Attendance Web Service

Extend the *Timetabler* Attendance software by opening the database for marking and reporting purposes. It allows institutions to decide how attendance registers will be marked and exposes vital institutional data to dashboards, portals and virtual learning environments.

“ Hadlow turned to CELCAT’s Attendance solution and automated Notification Service. The combined power of these two products resolved the issues around system engagement and overdue registers almost overnight. ”

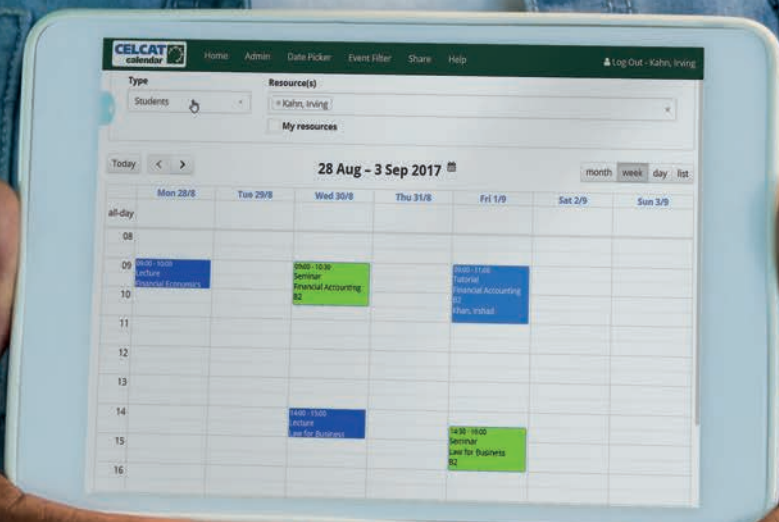
**Chris MacCabe, MIS Manager
Hadlow College**





Ultimately, we help you effectively monitor attendance, giving you the tools to **IMPROVE** retention and **MAXIMISE** attainment.

From personalised timetables to calendar integration and alerts, we offer applications to meet **YOUR NEEDS.**



Publication

A timetable is only useful if people use it.

Because different audiences and individuals have varying preferences, we've created a suite of applications that allows you to offer the perfect solution for each and every taste. Both student and staff experience is greatly enhanced and simplified by making communication clear, accurate and readily accessible.

Web Publisher

A snapshot of a moment in time. Online access to a published timetable, accessible to all.

Calendar

A web-based application. View real-time resource timetables based on your browsing profile.

AutoCal Ex

Primarily used by staff, this solution picks up an individual's events and automatically synchronises their Outlook calendar.

iCalendar Feed

Staff and students can subscribe to their own personal iCal feed and view data in their preferred calendar.

Notification Service

Live alerts inform staff or students, by email or text, of any timetable changes.

Plasma

Engage and interact with staff, students and visitors by displaying timetables on screens throughout your campus.

“ Our entire process has been streamlined with the use of CELCAT Calendar to provide access to personalised timetables via our Learning Platform. ”

**Yvonne Connell, Head of IT
Trinity Laban Conservatoire of Music and Dance**

Self-Service

Ensuring that students are happy is key, and to do this, we must give them the tools they need to have simple and seamless interaction with institution systems.

With CELCAT's Self-Service solution, students have access to information and services wherever they want. With just a few clicks, they can access everything they need at any time.

Staff and students can check and validate personal data held in the CELCAT system, as well as view their appointments for the day. **Self-Service Portal** presents all the data in an easily read and editable way.

If students need a room for anything from a study group to band practice, the **Room Allocator** allows them to book and confirm in real time via their mobile device.

'Open' events can also be confirmed and monitored. With **Event Signup**, students can enlist onto any relevant events, which are then reflected in their personalised timetable. Administrators can also track attendance and adapt as needed, by switching to a larger room or adding more equipment, all based on live sign-up data.

Students using **Activity Allocator** can now easily view how a module is being provided and can choose (where there is a selection) which activities to attend. Based on selection patterns, administrators can analyse current schedules and make informed choices about module provisions.

Mobile Web Attendance has similar on-the-go functionality as Attendance Live; this application facilitates marking registers on smartphones and tablets.


“ At LIPA we are interested in innovations to enhance student engagement and experience. CELCAT Self-Service portal gives students greater freedom to book rooms, sign up for events and much more. ”

**Paul Bambury, Systems Technical Officer
Liverpool Institute for Performing Arts**





With these convenient tools, **STUDENT ENGAGEMENT INCREASES**, room utilisation and **ATTENDANCE IMPROVES** and the entire experience is seamless. It's a win-win for all.



The best part of this solution is its simplicity. A quick way for you to request the room you need **WHEN YOU NEED IT.**

Room Booking

Requesting and securing a room should be easy, right? Whether you're the person looking to book the room, or the administrator working your magic in the background, there should be an effortless solution to get this done.

Room Booker Live helps you reduce workload, and retain control.

This semi-automatic solution helps you organise room requests from both students and faculty. Access rights assigned to users dictate whether the room can be booked automatically, and in real-time, or whether the request must first be approved by the administrator. Either way, an auto-generated email confirms the request and everyone knows who will be in which room at a given time.

“ Room Booker has proved an invaluable tool for streamlining our ad-hoc meeting and one-off event booking process. With its straightforward user interface, our staff are now empowered to check room availability and request their preference of the room quickly and efficiently. It's simple one-click authorisation process and auto-generated emails have also saved the Timetabling team a substantial amount of administration time. ”

Stacey Carrick, Senior Registry Officer
Glasgow Caledonian University

Integration

Stand-alone systems cause a host of problems by inhibiting flexibility, productivity and reporting, whilst increasing IT overheads. CELCAT's Integration solution includes several applications of varying sophistication that allow integration with your existing systems.

System Integration Manager (SIM)

Allows institutions the flexibility to move data between systems in a controlled way. Designed for IT experts who can write their own SQL queries and thus design and manage the flow of data between systems. Once configured, SIM takes care of running the scripts, giving you peace of mind.

Generic Integration Manager (GIM)

A uniquely designed integration tool for timetablers who aren't IT experts. This intuitive application simply requires a basic understanding of database tables and field mapping. Configure GIM and synchronise data from different sources with this user-friendly tool.

Web API

A user-friendly way to encapsulate all the business logic and data integrity rules that manage how resource and event data is stored in the database. Web API is designed to support greater interoperability between *Timetabler* and third-party applications.

Video Conference Integration Manager (VCIM)

An application, that runs in the background, which allows current and new timetables to link seamlessly with virtual conferencing tools*. This useful piece of software is essential for delivering effective online teaching.

*Currently Microsoft Teams is supported and interfaces to other virtual conferencing tools are in development.

“ SIM has been instrumental in our implementation of a robust, powerful and efficient timetabling and register system, as it allows CELCAT to work seamlessly with our student records system without the need to manually move data between them. The level of automation, reporting and analysis made possible by integration has surpassed our initial expectations. ”

**Toby Wilde, Head of Management Information Services
Walsall College**



SAVE TIME by minimising double keying, and
ENHANCE data consistency by managing data
from its source.



Reporting

Analysing and crunching data is an essential and critical part of our jobs, and as success is measured based on the results reported in our data, we must get it right. The challenge is that 'right' can mean different things for different clients, so we offer the flexibility of using our standard reports AND the option to create your own with our user-friendly applications.

Either way, the raw data is there and we give you the tools to clearly report on it. So that you can make any decisions based on facts and help your institution thrive.

Data Store

A repository for consolidated timetable and attendance data. It's the necessary access layer that feeds your business intelligence requirements and allows you to interrogate the raw data using a variety of reporting tools.

Timetabler Corridor

Gives you data to enable you to report, analyse and improve space utilisation by matching planned timetable and actual register activity. You can then make smart and informed decisions based on hard data.

Multi Week-View Report

Cluster and report data by the week, giving you total flexibility on how to group, filter and present content.

“ The additional reporting services have made a massive difference to the way that BGU operates. We have managed to save a large number of operating hours between administration and academics alone and can now deliver attendance-based reports to staff within 24 hours. Improved reporting has contributed to other efficiencies including a 10% increase in room utilisation. ”

James Jackson, Head of System Development and Integration
Bishop Grosseteste University

Pay Claim

Event created. Pay claim submitted. Claim approved. Submission aligned. Staff paid. Job done. It's that simple!

When integrated with *Timetabler*, staff can automatically generate their claims based on their actual teaching timetable. Managers can confidently approve claims and administrators can then authorise them so that payroll can process payment.

All the important cross checks are included. Managers can see at a glance if claims driven by the associated events took place by checking the status of the attendance register. Where events have unmarked registers, the manager can simply reject the claim. Where timetabled events change after a claim period has been opened, a compliance checker runs to highlight discrepancies allowing managers or administrators to make the appropriate reconciliations.

This stand-alone solution when integrated with *Timetabler* ensures that timetables, registers and payroll align, saving everyone time and hassle by reducing human error and streamlining the payroll process.

“ Pay Claim has automated our old spreadsheet cross-checking process, pulling data directly from CELCAT Timetabler and enabling tutors, managers and finance to view and approve claims with just a few clicks. There is now less need to cross-check claims, and preparation and submission is streamlined, saving considerable time at each stage of the approval process. ”

Mark Lawrence, Applications Support Manager
BIMM



A once cumbersome process becomes a straightforward, **STREAMLINED** experience.



We are **MORE** than a software provider.
We are an **EXTENSION** of your timetabling **TEAM**.



Services

Robust and efficient technology is essential, but it's much more powerful, and delivers better results when it's tailored to fit your institution's specific requirements. In order to deliver this, the human element is key, and this is where CELCAT excels.

We're a team of people who are passionate about what we do. We've lived and breathed timetabling for over 30 years. We hire and retain the best in our field to ensure that we can offer the essential support to make sure you get the best out of our products. We work with you to specify the right combination of products for your needs, hence delivering greater return on investment (ROI).

Our **consultancy** services provide expert guidance throughout the entire journey, from initial consultation to health checks, technical guidance and ongoing support. The service can also include **bespoke software** creation to meet specific needs in a timely way, without all the constraints of a formal development project.

In addition to consultancy, we offer hands-on customised **training** to ensure that everyone is up to speed on the functionality and capability of our products, and **tech support** so that your entire team get the most out of our software.

“ The support from CELCAT has been the cornerstone in making the transition and implementation of our new timetabling system a success. The training, integration and phone support are second to none. I know that when I call support, I will hear a friendly and helpful person who will do everything to resolve my issue. ”

Moshe Nitzani, IT Manager
The London Film School



CELCAT
21-23 Mercia Village Torwood Close
Westwood Business Park
Coventry CV4 8HX United Kingdom

Tel: +44 (0)24 7646 9930
Email: info@celcat.com