Timeslot Field for RSForm! Pro

Timeslot booking and capacity management for RSForm! Pro forms, on Joomla 5/6.

Visitors pick a time slot on your form. The system counts the free places, refuses a booking the moment a slot is full, puts visitors on a waiting list if you allow it, sends each visitor a link to cancel their own booking, and closes dated slots automatically when they start. Overlapping slots are disabled in the browser and refused on the server. A separate admin component shows the bookings, the capacity and any configuration problems, and lets you add bookings by hand.

Extension	Version	Type	Role
`plg_system_timeslotfield`	2.11.0	system plugin	**Required.** Field types, front-end booking, waiting list, cancellation, emails, database tables.
`com_timeslotbookings`	1.14.0	component	Administration: dashboard, capacity, bookings, manual bookings, connections, notifications, remap.
`plg_task_timeslotpurge`	1.0.3	task plugin	Optional. Scheduled data retention (anonymize or delete).

What it can do — at a glance

Feature	In one sentence	Details
Capacity per slot	Every slot has a number of places; a full slot cannot be booked	The `ITEMS` format
Dated slots	A slot can carry a date (`2026-11-05 09:00`), not just a time of day	Dated slots
Automatic closing	A dated slot closes when it starts, or a set number of hours before	Closing and past slots
Waiting list	A full slot stays selectable; the visitor queues and moves up automatically	Waiting list
Cancellation link	Every booked slot gets its own link; the visitor cancels without logging in	Cancellation by the visitor
Conflict detection	Overlapping slots are disabled in the browser and refused on the server	Conflict detection

Feature	In one sentence	Details
Safe booking	The place is reserved during validation, so no confirmation is sent without a booking	How a booking is protected
Placeholders	Start, end, status and cancel link in emails and the thank-you message	Placeholders
Calendar file	An `.ics` attachment with the booked dated slots	Calendar file
Manual bookings	Book a place from the admin, e.g. for a phone booking	New booking
Email warnings	The admin hears about low capacity and impossible settings	Email warnings
Appearance	Themes, colours, corner radius and custom CSS, without editing files	Appearance
Data retention	Old bookings anonymized (default) or deleted, by hand or on a schedule	Data retention

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Installation

Extensions → Install → `pkg_timeslotfield_v1.3.0.zip`

The package installs all three, enables the system plugin automatically, and at the end **reports what actually landed** — version and state per extension, whether the database tables exist, and whether field types 701/702 are registered in RSForm! Pro.

This report exists because Joomla reports a package install as successful as long as the package itself unpacked: the package adapter reports its own extraction, not that of its contents.

Requirements

- Joomla **5.0+** (tested on Joomla 6) — the component is namespaced and DI-registered. The installer checks this and aborts.
- PHP **8.1+** (tested on PHP 8.4)
- **RSForm! Pro** with a valid subscription (tested with 3.4.10)
- MySQL 5.7+ / MariaDB 10.0.2+, InnoDB

What the installer handles for you

- **Enabling the system plugin.** Not optional: without it no timeslot field renders and no booking is recorded.

- **Creating `#__timeslot_bookings` and `#__timeslot_notifications`**, and on an update adding the `status` and `cancel_token` columns, with a cancellation token for every existing booking.
- **Registering field types 701/702** and their properties in the RSForm! Pro tables.
- **Cleaning up orphaned admin menu entries** left by interrupted installs.

The **task plugin is installed disabled on purpose** — it changes or deletes booking records, so switching it on should be a conscious act.

Your first form in five minutes

1. **Components → RSForm! Pro → Forms → New**
2. Drag the **Timeslot Field - Radio Group with Capacity** field onto the form (field list, **Advanced** group)
3. Enter your slots in the **Items** property:

```
yoga-09|Yoga 9:00-9:45|15|09:00|00:45
pilates-10|Mat pilates 10:00-10:45|15|10:00|00:45
pilates-11|Mat pilates 11:00-11:45|15|11:00|00:45
spin-12|Spinning 12:00-12:45|15|12:00|00:45
```

4. On the **Attributes** tab set **Show Availability = Yes** and **Disable Full Slots = Yes** (both are *No* on a new field)
5. Add `{yourfield:text}`, `{yourfield:status}` and `{yourfield:cancel}` to the user email
6. Save, then open **Components → Timeslot Field - Capacity Manager → Dashboard**

The format is `value|label|capacity|start|duration`. The two most common mistakes — duplicate values and swapped columns — are both detected and reported. In the RSForm! Pro field list each timeslot field shows a one-line summary of its settings, so you can check them without opening the field.

Privacy

The `#__timeslot_bookings` table stores **names, email addresses and IP addresses**.

- Showing the IP address in the list and in the export is **off by default**, and each is a separate switch.
- Views require `core.manage`, deletion requires `core.delete`. Being able to log into the backend is not enough on its own.
- A **retention window** can be configured. Past it, bookings are **anonymized** by default (name, email and IP cleared, place kept) or deleted — by hand or on a schedule.
- Deleting an RSForm! Pro submission removes its bookings too (can be switched off).

⚠️ The retention window is measured from when a booking was **made**, not from the slot's own date.

Support

- Website: https://extensions.blaho.hu
- Email: extension@blaho.hu

Licence

GNU General Public License version 2 or later. See `LICENSE.txt`.

Installation

A single ZIP installs all three extensions:

Component	Type	Role
`plg_system_timeslotfield` 2.11.0	system plugin	**Required.** Creates the RSForm field types, handles front-end booking, the waiting list, cancellation, emails and the database tables.
`com_timeslotbookings` 1.14.0	component	Administration: dashboard, capacity, bookings, manual bookings, connections, notifications, remap.
`plg_task_timeslotpurge` 1.0.3	task plugin	Optional. Scheduled data retention: anonymizes (default) or deletes bookings past the retention window.

Install order

The manifest deliberately lists **the system plugin first**: it creates the `#__timeslot_bookings` and `#__timeslot_notifications` tables, which the component's post-install check already wants to read.

Installation report

Joomla reports a package install as successful even when a sub-package failed — the package adapter reports its own extraction, not that of its contents. The package's `script.php` therefore **verifies and prints** what actually landed:

- whether all three extensions are present, at which version, and enabled
- whether the two database tables were created
- whether field types 701 and 702 are registered in RSForm! Pro

If anything is missing, the report names the specific thing to do rather than just signalling an error.

Automatic steps

- **The system plugin is enabled automatically.** Not optional: without it no timeslot field renders and no booking is recorded, so leaving it for the user to find in the plugin manager would only create a support ticket.
- **The task plugin is left disabled on purpose.** It changes or deletes booking records, so enabling it should be a conscious decision. The report calls this out separately.
- **Database changes on update are automatic.** New field properties are registered, the `status` and `cancel_token` columns are added, and every existing booking receives a cancellation token. No manual SQL is needed.

Requirements

- Joomla 5.0+ (tested on Joomla 6)
- PHP 8.1+ (tested on PHP 8.4)
- RSForm! Pro with a valid subscription (tested with 3.4.10)

`preflight()` checks both versions and **aborts** the installation if they are not met. A missing RSForm! Pro is not treated as fatal — it is reported, because it may well be installed straight afterwards.

Updating from 1.1.x

Back up the site and the database first. The update adds two columns to `#__timeslot_bookings` and changes how data retention works.

Some defaults behave differently after the update. Check these:

What	Until 1.1.7	From 1.3.0	To keep the old behaviour
Data retention	Old bookings were deleted and their places became free	Old bookings are anonymized (name, email, IP cleared); places stay taken	Options → *Retention mode* = Delete
Deleting an RSForm! Pro submission	The booking stayed and kept its place	The booking is removed, the place is freed and offered to the waiting list	Options → *Free places when submissions are deleted* = No
Server-side checks	Unknown and `[d]` values were accepted	Unknown, `[d]`, closed, full and overlapping selections are refused	–

What	Until 1.1.7	From 1.3.0	To keep the old behaviour
Capacity Overview	A slot without a capacity segment showed 0	It shows 1, which is what the form always used	–
RSForm! Pro admin labels	The plugin overwrote RSForm! Pro's own texts (e.g. "Items" became "Timeslots" on every field)	RSForm! Pro's own texts are shown	–
Field connections	Could be edited in the RSForm field dialog (the panel never saved reliably)	Only in **Field Connections**	–

After the update:

1. Give the new **Create** permission to the user groups that should add bookings by hand (**Options** → **Permissions**).
2. Add `{field:status}` and `{field:cancel}` to your user emails if you want the visitor to see the booking status and the cancellation link.
3. Existing fields have no value yet for the new properties (*Waiting list*, *Close booking before start*, …) — they run with the defaults until you open the field, change something and save.

Uninstalling

Removing the package removes all three extensions, and the helper files the plugin copied into `administrator/components/com_rsform/helpers/`, and unregisters field types 701/702. **`#__timeslot_bookings` is left in place** — it holds real booking data, so dropping it is not automated. `#__timeslot_notifications` only holds the warning-email cooldowns and is removed. If you really do not need the bookings either:

```
DROP TABLE IF EXISTS `#__timeslot_bookings`;
```

Field setup

How to configure Timeslot fields in the RSForm! Pro form editor.

The two field types

Field	ComponentTypeId	When to use
Timeslot Field - Radio Group with Capacity	701	The visitor picks **one** slot
Timeslot Field - Checkbox Group with Capacity	702	The visitor may pick **several**

Both appear in the RSForm field list, under **Advanced**.

In the form's field list a blue ⏱️ **Timeslot Radio** or green ⏱️ **Timeslot Checkbox** badge marks them, so they cannot be mixed up with a standard radio or checkbox field. Under the badge a row of small chips summarises the field's key settings:

Chip	Tells you
`6 slots · 27 places · 4 booked`	Number of slots, total places, places taken
`1 closed`	Dated slots that have already closed
`Min 0 · Max 2`	Selection limits (checkbox only)
`Waiting list` / `No waiting list`	Whether full slots take waiting-list entries
`Full: disabled` / `Full: still shown as selectable`	How a full slot looks without a waiting list
`Shows free places` / `Free places hidden`	The *Show Availability* setting
`Closes 24 h before start`	The closing time, when set
`Past slots: hidden` / `shown`	Only when the field has dated slots
`Email: …` / `Email: automatic`, `Name: …`	Which form fields fill the booking's email and name
`Connected: …`	Fields this one is connected to for conflict detection

Blue chips mark features that are switched on, yellow a setting worth a second look, grey the defaults. The booking count is read when the field list loads.

The `ITEMS` format

One slot per line, segments separated by a pipe (`|`):

```
value|label|capacity|start|duration
```

```
yoga-09|Yoga 9:00-9:45|15|09:00|00:45
pilates-10|Mat pilates 10:00-10:45|15|10:00|00:45
workshop|Workshop|20|2026-11-05 09:00|03:00
```

Segment	Required	Description
`value`	yes	What gets stored in the database. **Must be unique.**
`label`	yes	What the visitor sees
`capacity`	no	Number of places. **Without it: 1 place.** `0` = never bookable.
`start`	no	`HH:MM`, or a date and time `YYYY-MM-DD HH:MM`. Needed for conflict detection, closing, the calendar file.
`duration`	no	`HH:MM`. The end time is derived from it.

Start and duration only make sense together: `09:00` + `00:45` → 09:00–09:45. A line with only a start, or only a duration, has no timing.

A new field starts with two example lines — one undated, one dated — so you can see both forms of the start segment.

Item flags

RSForm's standard item flags work on the label:

Flag	Effect
`[c]`	Pre-selected. On a radio field only the first one takes effect.
`[d]`	Disabled — visible but not selectable, regardless of capacity.

```
slot-09|Morning 9:00-12:00[c]|15|09:00|03:00
slot-13|Afternoon 13:00-16:00[d]|15|13:00|03:00
```

`[d]` is useful for a slot you want to announce but not open yet. It is independent of capacity: a `[d]` item stays disabled even with free places, and the server refuses it even if someone removes the `disabled` attribute in the browser.

Flags may stand in any order and combination (`Label [c][d]`). The older format with the capacity in the label, `value|Label [5]` , still works: the number in square brackets overrides the capacity segment.

Dated slots

The start segment can carry a date. Then the slot belongs to one specific day, not to "every day at 9:00":

```
ws1|Workshop|15|2026-11-05 09:00|03:00
night|Night tour|10|2026-11-05 22:00|04:00
```

`2026-11-05T09:00` works too. Undated lines (`09:00`) keep working exactly as before, and the two kinds can be mixed in one field.

What a date adds:

	Undated `09:00`	**Dated `2026-11-05 09:00`**
Conflict detection	compares the time of day only	compares date and time — Monday 9:00 and Wednesday 9:00 do **not** conflict
May run past midnight	no	yes (22:00 + 4 h → 02:00 next day)
Closes automatically	never	when it starts, or earlier — see below
`{field:start}` / `{field:end}`	`09:00`	`2026-11-05 09:00`
Calendar file (`.ics`)	not included	included
Visitor cancellation	always possible	until the slot starts

> **Which time zone?** Dates and times are read in the site time zone (**System** → **Global Configuration** → **Server** → **Website Time Zone**). If that is UTC while your events are in Budapest, slots close two hours late.

Closing and past slots

A dated slot closes for booking **when it starts**. Two field properties change that:

Property	Default	What it does
Close booking before start (hours)	0	Closes the slot this many hours before it starts. Decimals allowed: `0.5` = 30 minutes, `24` = the day before, `720` = 30 days before.
Past slots	Hide	**Hide**: a closed slot disappears from the form. **Show as closed**: it stays visible, disabled, with a "(closed)" badge.

Example — a workshop on 5 November at 9:00, closing 24 hours before:

Time	What the visitor sees
3 November 18:00	Workshop, bookable
4 November 09:00	closed: hidden, or shown as "(closed)"
5 November 09:00	started — the cancellation link no longer works either

A closed slot is refused on the server too, so an old browser tab cannot book it. Closed slots are left out of the free-place totals on the Dashboard and in the Capacity Overview summary, and are never reported in low-capacity emails.

Undated slots never close: there is no day to close them on.

Field properties

In the RSForm field edit dialog, next to `Items`. Defaults are the values a **new** field starts with.

On both field types

Property	Default	What it does
Flow	Horizontal	Horizontal, vertical, or vertical in 2 / 3 / 4 / 6 columns
Show Availability	No	Prints the number of free places next to each slot
Availability Text	—	Template for that number; `{available}` is replaced. Empty = "{available} slots remaining"
Disable Full Slots	No	Yes = a full slot becomes unclickable. No = it stays clickable and shows the full text, but the server still refuses it on submit

Property	Default	What it does
Full Text	—	What to print on full slots. Empty = "(full)"
Auto-adjust MIN to capacity	**Yes**	See below
Show Warning Message	Yes	Whether the visitor sees a notice when no slot is free
Close booking before start (hours)	0	See Closing and past slots
Past slots	Hide	See Closing and past slots
Waiting list	No	See Waiting list
Email field	—	See Name and email of the booking
Name field(s)	—	See Name and email of the booking
Wrapper DIV / Input / Label / Availability SPAN / Full Text SPAN Extra Classes	—	Your own CSS classes on those elements
Additional Attributes	—	Standard RSForm attributes; a `class` here is added to the inputs

> ⚠️ **Show Availability = No and Disable Full Slots = No** together mean the visitor cannot tell that a slot is full until they submit and get an error. For most forms switch at least one of them on. The field-list summary marks this combination in yellow.

Checkbox fields only

Property	Default	What it does
Min Selections	0	How many slots must be chosen (0 = no minimum)
Max Selections	0	How many slots may be chosen at most (0 = no limit)

When the maximum is reached, the remaining checkboxes are disabled in the browser; unticking one enables them again. Slots disabled for another reason (full, closed, overlapping) stay disabled. The server checks both limits again on submit.

⚠️ Auto-adjust MIN to capacity

This switch is **on by default**, and it is worth understanding.

- **Yes** — if the minimum is 3 but only 2 slots still have free places, the minimum is temporarily lowered to 2 so the form stays submittable. If no slot is free at all, a **Required** field becomes optional for the moment.
- **No** — the minimum is enforced strictly and the visitor cannot submit.

The **Min Impossible** email warning is sent either way, so the administrator learns about the capacity shortage while the visitor is not blocked. The **Show Warning Message** switch is independent: turn it off and the visitor sees nothing, but the admin email still goes out.

With a waiting list, full slots count as available — they can still be chosen.

Timing validation

The field list checks the start and duration of every line, and shows a **red box** above the field's items when something is wrong:

- `HH:MM` or `H:MM` (`9:00` is normalised to `09:00`)
- hours 0–23, minutes 00–59, duration at least one minute
- for a dated start, a real calendar date (`2026-02-30` is refused)
- an **undated** slot may not cross midnight (`23:00` + `02:00`); a dated one may

The check runs whenever the field list is shown, so you see the problem as soon as you save the field. Fix it before publishing the form: a line with broken timing still renders, but conflict detection and closing cannot work with it. `ITEMS` without timing stays valid — it just has no conflict detection.

> Capacity is **not** validated: `0` is a legitimate value. The Capacity Overview flags it as *No capacity* instead, because it may well be deliberate — a closed slot.

⚠️ The two most common mistakes

Both fail **silently**, which is why the system detects them explicitly.

1. Duplicate values

```
mat-pilates|Mat pilates 10:00-10:45|15|10:00|00:45
mat-pilates|Mat pilates 11:00-11:45|15|11:00|00:45
```

It looks reasonable at first: same class, same identifier. The problem is that **a radio button or checkbox transmits nothing but the value** when the form is submitted. The label, the position and the index never travel.

Consequences:

- It becomes **impossible to tell afterwards** which slot the visitor picked — not from the submission, not from the bookings table. The information never reached the server.
- **Capacity is pooled**: the system treats the two lines as a single pool of 15, not 15 + 15.

The field **refuses the submission** in this state, and the RSForm editor shows a red warning naming the duplicated value and the line numbers. Accepting the submission would be worse: the visitor would believe they have a place, and the operator would not know which one. Logged-in administrators see the detailed reason on the form; visitors see a neutral "currently unavailable" message.

Correct:

```
pilates-10|Mat pilates 10:00-10:45|15|10:00|00:45
pilates-11|Mat pilates 11:00-11:45|15|11:00|00:45
```

2. Swapped columns

```
Yoga|9:00-9:45|09:00|00:45|15
```

Here a time value ended up where capacity belongs. It is read as the number **9** — so the system counts 9 places, with no error. The tell-tale sign is that the capacities in the Capacity Overview follow the hours exactly: 9, 10, 11, 12.

The diagnostics column flags this as **Suspect capacity**, and prints the raw value next to the number it read.

When bookings already exist

Editing `ITEMS` can orphan existing bookings. A booking stores the old value; if that value no longer appears in the list, the capacity counter stops seeing it and the place looks free again — which leads to overbooking.

Changing the **label**, capacity or time of a line is safe — the value stays the same. Changing or deleting the **value** is what orphans bookings.

The correct order:

1. **Close the form** (RSForm → Forms → Unpublish)
2. Fix `ITEMS`
3. **Components → … → Remap Bookings**: map the old values onto the new items
4. Reopen the form

Step 3 runs in a single transaction and only allows targets from the field's current items, so it cannot create a new orphan. It also stops if a target slot would end up over its capacity.

With duplicate values, the remap tool handles the **execution**, but it cannot tell you which booking belonged to which slot. Only the people involved can — their names and email addresses are in the Bookings view.

How a booking is protected

Two visitors can press *Submit* in the same second for the last place. The plugin makes sure exactly one of them gets it — and that nobody receives a confirmation without a booking.

What happens on submit:

1. **RSForm! Pro validates the form.** The plugin checks every selected slot on the server: it must exist in `ITEMS`, must not be `[d]` or closed, must have a free place (or a waiting list), must not overlap another selection, and must respect Min / Max.
2. **The places are reserved.** All selected slots of the whole form are reserved in one database transaction, under a per-slot lock. If one of them was taken a moment ago, **nothing** is reserved and the visitor gets the form back with the field marked invalid — instead of a confirmation.
3. **RSForm! Pro stores the submission.** The reservations are confirmed with the submission ID, name and email.
4. **Emails are sent** — with the status and cancellation links already available.

Reservations that are never confirmed (for example because custom form code rejected the submission) are removed at the end of the request; anything older than 30 minutes is purged as a safety net. RSForm! Pro's AJAX validation (field-by-field checking while typing) never reserves anything.

> **Why reserve during validation?** Until 1.1.x the place was taken while the submission was stored. If the last place went in the moment between validation and storing, the submission was saved and the visitor was thanked — without a booking. Now that case ends in a visible error, before anything is stored.

What the visitor sees when a check fails:

Situation	Message
Slot became full, unknown value, `[d]` or closed	The field's own **Validation Message** (default: "This timeslot is full or invalid!")
Overlapping selections	"The selected times overlap. Please choose times that do not overlap."
Too few / too many checkboxes	"You must select at least 2 timeslot(s)." / "You can select maximum 3 timeslot(s)."

Situation	Message
Duplicate values in `ITEMS`	"This timeslot picker is currently unavailable." (admins see the reason)

Booking statuses

Every booking row has a status. Only two of them take a place.

Status	Shown as	Takes a place	Meaning
`reserved`	Reserved	yes	Held for a form being submitted right now — seconds
`confirmed`	Booked	yes	A normal booking
`waitlist_reserved`	Waiting list	no	Waiting-list entry for a form being submitted right now
`waitlist`	Waiting list	no	On the waiting list

Every count — the form, the warnings, the Capacity Overview, the Dashboard — counts only `reserved` and `confirmed`.

Waiting list

Without a waiting list, a full slot is a dead end: the visitor picks another one or leaves. With a waiting list, a full slot stays selectable, the visitor queues, and **the first free place goes to the first person in the queue — automatically.**

Switch it on per field: **Attributes** → **Waiting list = Yes**.

What the visitor sees

A full slot shows **"(full - waiting list)"** instead of "(full)" and can be selected — even when *Show Availability* is off, otherwise nobody could tell why a full slot is clickable. *Disable Full Slots* has no effect while the waiting list is on.

The visitor submits as usual. For that slot the booking gets the status **Waiting list**; `{field:status}` says so in the confirmation email. On a checkbox field a single submission can contain both: a booked morning slot and a waiting-list afternoon slot.

How a place is passed on

When a place frees up in a slot, the plugin immediately moves the oldest waiting-list entries of that slot into the free places (first come, first served), under the same lock as a booking. Each promoted visitor gets an email:

```
Subject: A place is now yours: Workshop

Hello Anna Kovács,

A place has become free and you have been moved from the waiting list to a
booking.

Form: Spring workshops
Time slot: Workshop
Start: 2026-11-05 09:00

If you can no longer attend, please cancel here:
https://example.com/index.php?option=com_ajax&plugin=timeslotfield&...
```

A place frees up when:

Event	Promotes
A visitor cancels with their cancellation link	yes
A booking is deleted in **View Bookings**	yes
An RSForm! Pro submission is deleted (backend, *Clear all*, or the visitor's own deletion link)	yes — if *Free places when submissions are deleted* is on
You raise the capacity in `ITEMS`	no — nothing is freed, so nothing triggers; the next freed place promotes as many as fit
Retention in *Delete* mode	no

The promotion email goes out in the language of the request that freed the place — for an admin deletion, the admin's language. If a waiting-list entry has no email address, it is promoted without an email.

> **Tip:** with *Notify admin* on (plugin → *Cancellation & waiting list*), the admin gets a short email about every promotion too.

Example

Capacity 2, waiting list on:

Step	Booked	Waiting list
Anna and Béla book	Anna, Béla	—
Csilla books	Anna, Béla	Csilla
Dénes books	Anna, Béla	Csilla, Dénes
Béla cancels with his link	Anna, **Csilla** (email sent)	Dénes

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Cancellation by the visitor

Every booked slot gets a random 32-character token, and the placeholder `{field:cancel}` turns it into a link. The visitor does not need an account.

How it works

1. The visitor opens the link from their email.
2. A small confirmation page shows the form, the slot and the status, and a **Cancel booking** button. **Opening the link alone changes nothing.**
3. Only the button (a form post with Joomla's security token) cancels.
4. The page confirms: "Your booking has been cancelled." The freed place goes to the waiting list, and the admin is notified if *Notify admin* is on.

> **Why a confirmation page instead of a one-click link?** Mail scanners and link previews (Outlook, Gmail, Slack, Teams) open every link in an email to check it. A link that cancelled on opening would cancel bookings nobody asked to cancel.

The page says	When
Cancel booking (button)	The booking exists and can be cancelled
"Your booking has been cancelled."	After the button
"This time slot has already started…"	Dated slot that has started
"This booking does not exist or has already been cancelled."	Wrong or used link, or the booking was deleted
"Online cancellation is not available…"	*Allow cancellation links* is off

A waiting-list entry can be cancelled the same way — it simply leaves the queue. Undated slots can always be cancelled. The page is not indexed by search engines (`noindex`) and is never cached.

What cancellation does — and does not — change

Cancelling **deletes the booking row** and frees the place. The RSForm! Pro **submission stays** — it is the record of what the visitor submitted, so it is not rewritten. In **View Bookings** the booking is gone; in RSForm! Pro → Submissions the original submission is still there.

Settings

Extensions → Plugins → System - Timeslot Field → Cancellation & waiting list

Setting	Default	What it does
Allow cancellation links	Yes	No = `{field:cancel}` stays empty and existing links show "not available"
Notify admin	No	Email the admin when a visitor cancels or a waiting-list entry is promoted
Admin email	—	Recipients, comma separated. Empty = the recipients on the Email Notifications tab

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Name and email of the booking

Each booking stores a name and an email address — for the Bookings list, the roster, the CSV export and the promotion email. Two field properties tell the plugin which form fields to read:

Property	Example	What it does
Email field	`email`	The form field whose value is stored as the booking's email
Name field(s)	`last_name, first_name`	One or more fields; several values are joined with a space ("Kovács Anna")

When they are empty, the plugin looks for:

- **Email:** the first field on the form with RSForm! Pro's **Email** (or **Email + DNS**) validation rule, then fields named `Email`, `EMAIL`, `email`, `E-mail`, `e-mail`
- **Name:** fields named `FullName`, `NAME`, `Name`, `name`, `Nev`, `NEV`

If none of them exists, the booking is stored without a name or email — it still counts, but the promotion email cannot be sent and the roster shows an empty line. Set the two properties whenever your field names differ.

Placeholders for emails and the thank-you message

RSForm! Pro's own placeholders work, and the plugin adds four of its own. Replace `field` with the field's **Name**.

Placeholder	Example	Contents
`{field:value}`	`ws1`	The stored value (RSForm! Pro)
`{field:text}`	`Workshop`	The clean label — without capacity, times or flags
`{field:caption}`	`Choose a slot`	The field's caption (RSForm! Pro)
`{field:start}`	`2026-11-05 09:00`	Start; time only for undated slots
`{field:end}`	`2026-11-05 12:00`	End
`{field:status}`	`Booked`	`Booked` or `Waiting list`, per slot
`{field:cancel}`	`https://…token=…`	One cancellation link per booked slot

They work in the user, admin and additional emails and in the thank-you message. On a checkbox field every placeholder lists all selected slots, joined with the form's **Multiple Separator** (Form Properties), always in the same order — so the second status belongs to the second label.

> **Why does `{field:text}` need the plugin?** RSForm! Pro builds `:text` by cutting each line at the first pipe and showing the rest, which would print `Workshop|15|2026-11-05 09:00|03:00`. The plugin replaces it with the label only.

Example — user email for a radio field

```
<p>Dear {first_name:value},</p>
<p>Thank you for your booking.</p>
<p><strong>{slot:text}</strong><br>
{slot:start} – {slot:end}<br>
Status: {slot:status}</p>
<p>Can't make it? <a href="{slot:cancel}">Cancel your booking</a></p>
```

Example — checkbox field

A link per slot cannot sit inside one `href`. Set the form's Multiple Separator to `<br>` and print the lists:

```
<p>Your slots:<br>{slots:text}</p>
<p>Status:<br>{slots:status}</p>
<p>Cancellation links:<br>{slots:cancel}</p>
```

Calendar file (.ics)

Extensions → Plugins → System - Timeslot Field → Calendar → Attach calendar file (.ics)

Value	Effect
No (default)	No attachment
User email	The user email gets the file
User and admin email	Both get it

The file contains one event per **booked dated slot** of the submission: the label and the form title as the title, the start and end converted to UTC, so every calendar app shows the right local time. Undated slots (`09:00` — which day?) and waiting-list entries are left out. If nothing is left, no file is attached.

Conflict detection

Two slots conflict when they overlap in time:

```
(start1 < end2) AND (start2 < end1)
```

Back-to-back slots (one ends at 10:00, the next starts at 10:00) do not conflict. When **both** slots are dated, date and time are compared; otherwise the time of day only.

Conflicting slots are disabled in the browser — dimmed, struck through, not clickable — and **refused on the server** if someone submits them anyway. This requires **start and duration** in `ITEMS`; without them there is nothing to compare.

Within a field

Automatic, nothing to configure. On a checkbox field every pair is checked: tick 9:00–11:00 and the 10:00–12:00 slot is disabled at once. On a radio field there is only one selection, so nothing is disabled inside the field — the visitor can always switch to another slot, overlapping or not.

Between fields

Components → … → Field Connections — a grid of every field pair on each form, with **one** checkbox per pair. Connections are always bidirectional: pick a slot in field A and conflicting slots in field B are disabled, and the other way round.

Connections are stored in the field's `CONFLICT_CHECK_FIELDS` property. The field list shows them as a `Connected: …` chip.

Typical use: a conference where talks and workshops live in separate fields but may overlap in time.

Limits:

- Only fields on the **same form** can be connected
- No transitivity: A↔B and B↔C does not imply A↔C
- Undated slots compare the **time of day** only — the same hour on different days looks like a conflict. Use dated slots, or do not connect those fields.

Showing capacity

Property	What it does
Show Availability	Whether to show the number of free places
Availability Text	Template, e.g. `{available} places left`
Full Text	What to print on full slots
Wrapper / Input / Label / Availability / Full Text Classes	Your own CSS classes

Next to each slot the visitor sees one badge:

Badge	When
`5 slots remaining` (green)	Free places, and *Show Availability* = Yes
`(full)` (red)	Full, no waiting list
`(full - waiting list)` (yellow)	Full, waiting list on — shown even with *Show Availability* = No
`(closed)` (grey)	Dated slot closed, *Past slots* = Show as closed

The numbers are calculated when the page is loaded. A visitor who keeps the page open for an hour sees an hour-old number — the server check on submit is what actually protects the last place.

Appearance

Extensions → Plugins → System - Timeslot Field → Appearance

Changes the look of the slots on the site for every timeslot field at once — without editing files, and without losing your changes on the next update.

Setting	Default	What it does
Theme	Cards	**Cards**: each slot in its own box (the original look). **Compact**: tighter rows without boxes, smaller badges. **Site template**: plain inputs and labels styled by your template, the status as coloured text.
Accent colour	`#0066cc`	Border and label of the hovered and the selected slot; the selected slot's background is a light tint of it
Text colour	`#333333`	Slot labels
Background	`#ffffff`	Background of a slot box
Border	`#dddddd`	Border of a slot box
Free places	`#28a745`	The "slots remaining" badge; its background is a light tint
Full	`#dc3545`	The "(full)" badge and the error highlight
Waiting list	`#856404`	The "(full - waiting list)" badge
Closed	`#6c757d`	The "(closed)" badge
Corner radius (px)	4	Rounding of boxes and badges; 0 = square
Custom CSS	—	Your own CSS, added after the plugin's stylesheet

Theme, colours and radius need **Load CSS** (Basic Settings) switched on. Custom CSS works either way.

> **Nothing extra while nothing is changed.** Every colour in the plugin's stylesheet is a CSS variable (`--ts-accent`, `--ts-free`, …). Only the values you change are written to the page, in one short block. With every setting at its default the page loads the plugin's stylesheet and nothing else — no inline style, no extra class.

Custom CSS

Every variable can be set here too:

```
:root {
   --ts-accent: #7b2cbf;
   --ts-radius: 10px;
}
.timeslot-label { font-size: 1.1rem; }
```

Variable	Default
`--ts-accent`, `--ts-accent-bg`	`#0066cc`, `#e7f3ff`
`--ts-text`, `--ts-bg`, `--ts-border`, `--ts-hover-bg`	`#333`, `#fff`, `#ddd`, `#f8f9fa`
`--ts-free`, `--ts-free-bg`	`#28a745`, `#d4edda`
`--ts-full`, `--ts-full-bg`	`#dc3545`, `#f8d7da`
`--ts-waitlist`, `--ts-waitlist-bg`	`#856404`, `#fff3cd`
`--ts-closed`, `--ts-closed-bg`	`#6c757d`, `#e9ecef`
`--ts-disabled-bg`, `--ts-disabled-text`	`#f5f5f5`, `#999`
`--ts-radius`	`4px`

Classes: `.timeslot-fieldset` (one field), `.timeslot-radio` / `.timeslot-checkbox` (one slot), `.timeslot-label`, `.timeslot-availability`, `.timeslot-full`, `.timeslot-waitlist`, `.timeslot-closed`, and the states `.timeslot-disabled`, `.timeslot-max-reached`, `.timeslot-conflict-disabled`. A non-default theme adds `.timeslot-theme-compact` or `.timeslot-theme-template` to the fieldset.

Email warnings

Extensions → Manage → System - Timeslot Field → Email Notifications

Setting	Description
Enable Email Warnings	Master switch — nothing is sent without it
Admin Preview Emails	Also send when an admin opens the field list in the backend (default No — the red/yellow box there is enough)
Notification Email Address	Recipient(s), comma separated
Email Subject	Supports `{form_name}` and `{field_name}`
Notification Types	Which types are active
Low Capacity Threshold	How many free places triggers the warning (1–100)
Notification Cooldown (minutes)	Minimum time between two emails (0–1440)

These are warnings **for the administrator** about capacity problems. The emails about cancellations and waiting-list promotions are set on the *Cancellation & waiting list* tab.

The three types

Type	When	Severity
MIN Impossible	On form load, when the minimum selection cannot be met	Critical
REQUIRED No Slots	On form load, when the field is required but no slot is free	Critical
Capacity Low	After a booking, when a slot has the threshold number of free places or fewer	Warning

Capacity Low only runs when someone **actually books** — not when the form is opened. The other two work the other way round: they check on form load.

Why full slots are never reported

The condition is `free > 0 AND free <= threshold`. A full slot (0 free places) is deliberately excluded: a warning there would arrive too late, since there is nothing left to do. The system only reports slots that are **still bookable but running low**. `[d]`-disabled and closed slots are skipped too.

For the same reason the threshold cannot be `0` — the setting starts at `1`.

How threshold and cooldown interact

Event tickets — threshold 5, cooldown 60 minutes

Time	Event	Free	Result
10:30	booking	50 → 49	no email (49 > 5)
11:45	booking	6 → 5	**email** (5 <= 5)
11:50	booking	5 → 4	skipped — cooldown
12:30	booking	1 → 0	skipped — slot full

Appointments — threshold 2, cooldown 120 minutes

Time	Event	Free	Result
09:15	for 09:00	4 → 3	no email (3 > 2)
09:45	for 09:00	3 → 2	**email** (2 <= 2)
10:00	for 09:00	2 → 1	skipped — 15 min < 120
13:00	for 11:00	2 → 1	**email** — 3h 15m > 120

The last row is the point: the cooldown is tracked **per field and per warning type**, not per slot. Once it expires, the next booking checks every slot of the field again, and any slot at or below the threshold triggers an email — even a different slot.

The cooldown is stored in the database and claimed atomically, so it really is global: a hundred visitors booking at once still produce one email.

What the email looks like

Subject (configurable, supports `{form_name}` and `{field_name}`):

```
[RSForm] Timeslot Capacity Warning
```

Body:

```
LOW CAPACITY WARNING

Form: Health Day
Field: Choose a time slot
Type: Radio

Issue: Available capacity has fallen below threshold (3)!

Details:
- Total timeslots: 10
- Slots at or below the threshold: 2
- Full slots: 1
- Threshold: 3

Affected timeslots:
- Blood pressure check (09:00): 2 of 5 places free
- Eye test (2026-11-05 14:00): 3 of 8 places free

Action: Increase capacity or remove full timeslots.

Edit form: https://...
```

The **Notification Email Address** field accepts several comma-separated addresses. If it is empty, nothing is sent and the cooldown is not used up.

Why only some slots are listed

That is the normal behaviour: the email lists only the slots that reached the threshold. If you want a summary of everything, set a very high threshold (e.g. `100`) — then every bookable slot appears in the list.

Choosing a threshold

The easiest way to plan it is as a percentage of capacity:

```
threshold = capacity × percentage
```

Percentage	Meaning
5%	Critical — the last few places
10%	Warning — nearly full
20%	Early notice, still time to react
50%	Very early, at half capacity

Starting points by event size:

Event	Capacity / slot	Threshold	Cooldown
Small	< 50	2–3	30–60 min
Medium	50–200	5–10	60–120 min
Large	> 200	10–20	120–240 min
Appointments	3–10	1–2	60–120 min

With a small capacity every place matters, but nobody needs an email every minute — hence the cooldown grows with the event.

Recommended practice

- **Start low** (2–3), watch the emails that arrive, and adjust.
- **Always set a cooldown**, at least 60 minutes. At zero, every single booking generates its own email.
- **MIN Impossible** and **REQUIRED No Slots** are critical by nature and always worth enabling. **Capacity Low** is a useful addition, but optional.

Testing

Test	Settings	Steps
Basic	threshold 3, cooldown 0	A slot with 5 places, 2 bookings → 3 left → email arrives
Cooldown	threshold 3, cooldown 60	Book down to 3 → email. Book one more immediately → no email.
Multiple slots	threshold 2, cooldown 0, 3× 5 places	Book one slot down to 3, then another down to 2 → the email lists only the second

For testing, set a high threshold (e.g. 100) and zero cooldown temporarily. If no email arrives even then, the problem is in Joomla's mail configuration, not in the extension.

The current state — when the last email went out, when the cooldown expires — is visible in **Components → … → Notifications**, and can be cleared there.

Demo mode

Extensions → … → System - Timeslot Field → Demo Mode

On the listed form IDs (comma separated), bookings are kept **in the visitor's session**, not in the database. For demonstrations and customer trials on a live site.

- Capacity does go down, but only within that browser session — another visitor starts with the full capacity
- Nothing is reserved or booked in the database, and the RSForm! Pro submission is deleted right after the emails and the thank-you page — so both can still be tested
- A notice appears above the form, with a "Reset demo" button that restores the full capacity for that session

The notice and button texts are language strings (`PLG_SYSTEM_TIMESLOTFIELD_DEMO_NOTICE_DEFAULT`, `PLG_SYSTEM_TIMESLOTFIELD_DEMO_RESET_BUTTON`) and can be changed with Joomla's Language Overrides.

Worked examples

Medical practice — appointments

One doctor sees one patient per slot, so capacity is always 1.

```
dr_smith_0900|Dr. Smith – 09:00|1|2026-11-10 09:00|00:30
dr_smith_0930|Dr. Smith – 09:30|1|2026-11-10 09:30|00:30
dr_jones_0900|Dr. Jones – 09:00|1|2026-11-10 09:00|00:30
```

- Field type: **Radio**, *Disable Full Slots* = Yes
- *Close booking before start* = `2` : no booking in the last two hours
- *Past slots* = Hide: yesterday's appointments disappear by themselves
- Threshold 1, so you hear about the last remaining slot
- Put `{appointment:cancel}` in the confirmation, so a patient who cannot come frees the slot for someone else
- The two doctors' identical hours **do not conflict** — separate resources, no connection needed

Workshop with a waiting list

```
ws-a|Pottery for beginners|12|2026-11-14 10:00|03:00
ws-b|Glazing techniques|8|2026-11-14 14:00|02:00
```

- Field type: **Checkbox**, *Waiting list* = Yes, *Show Availability* = Yes
- Plugin: *Allow cancellation links* = Yes, *Notify admin* = Yes
- Calendar: *User email*
- User email:

```
<p>{workshops:text}<br>{workshops:status}</p>
<p>Cancel: {workshops:cancel}</p>
```

When the first workshop fills up, new visitors still choose it and join the queue. Each cancellation passes the place on and emails both the new participant and you.

Conference — parallel tracks

```
Field 1 – Keynote (radio, required)
Field 2 – Morning sessions (checkbox, min 1, max 2)
Field 3 – Afternoon sessions (checkbox, min 1, max 2)
```

```
# Field 2
track_a_1|Track A: AI – 10:30-12:00|50|2026-11-20 10:30|01:30
track_b_1|Track B: Security – 10:30-12:00|50|2026-11-20 10:30|01:30

# Field 3
track_a_2|Track A: DevOps – 13:00-14:30|50|2026-11-20 13:00|01:30
track_b_2|Track B: Testing – 11:30-13:00|50|2026-11-20 11:30|01:30
```

Connect fields 2 and 3: *Testing* overlaps the morning tracks, so picking *AI* disables it, and the other way round. Within field 2 the two morning tracks overlap each other, so only one of them can be ticked — the maximum of 2 is then never reached in that field; lower it to 1 if that is the intent.

Fitness club — weekly timetable

```
yoga_mon|Yoga – Monday 9:00|20|2026-11-09 09:00|01:00
yoga_wed|Yoga – Wednesday 9:00|20|2026-11-11 09:00|01:00
spin_tue|Spinning – Tuesday 18:00|15|2026-11-10 18:00|01:00
```

- Field type: **Checkbox**, max 5 (five classes a week)

With dates, Monday 9:00 and Wednesday 9:00 **do not conflict**, and each class closes when it starts. Without dates (`09:00`) they would look like a conflict, because undated slots compare the hour only — either leave the timing out, or use dates.

Multi-day workshop

```
Field 1 – Day 1 workshops (checkbox)
Field 2 – Day 2 workshops (checkbox)
Field 3 – Day 3 workshops (checkbox)
```

With dated slots the fields can safely be connected: different days never conflict. With undated slots do **not** connect them — identical hours on different days are not a real conflict.

Adding your own language

The extension ships in English and Hungarian.

1. Copy the two English language files:

```
plugins/system/timeslotfield/language/en-GB/en-GB.plg_system_timeslotfield.ini
   → de-DE/de-DE.plg_system_timeslotfield.ini
plugins/system/timeslotfield/language/en-GB/en-GB.plg_system_timeslotfield.sys.ini
   → de-DE/de-DE.plg_system_timeslotfield.sys.ini
```

2. Translate the values (leave the keys alone). Keep every value on **one line** — write a line break as `\n`. Joomla rejects the whole file if a value spans several lines.
3. Done — the language switcher picks it up automatically

The same applies to the component under `administrator/components/com_timeslotbookings/language/`.

The texts visitors see — badges, the cancellation page, the promotion email, validation messages — are all language strings, so they can be adjusted with Joomla's **Language Overrides** without touching the files.

> An update overwrites the `language/` folder, so your own files have to be copied back afterwards. Language Overrides are the more durable solution.

Recommended limits

Not enforced boundaries, just experience:

	Recommended maximum
Timeslot fields per form	10–15
Items per field	50
Connections in total	20

Conflict detection checks every pair in the browser, so the work grows with the square of the item count. Above 100 items, consider splitting across several forms. Past dated slots cost nothing once hidden — but they still sit in `ITEMS`; clean them out now and then.

Admin guide

Components → Timeslot Field - Capacity Manager

Six views, each from the sidebar submenu, plus the **New booking** screen.

Dashboard

The landing view. Tiles summarise the handful of numbers that tell you whether anything needs doing today.

Bookings — total (with the most recent timestamp), today, last 7 days, last 30 days. Waiting-list entries are not counted as bookings.

Capacity — free places out of total, full timeslots, number of fields and forms, timeslots with issues. Dated slots that have closed (started, or past their *Close booking before start* time) are left out of the free places — they can no longer be booked.

Extension status — the system plugin's state and version, registration of field types 701/702, presence of the tables, held-back notifications.

Most tiles are clickable. *Timeslots with issues* goes straight to the Capacity Overview with the "Issues only" filter already applied.

> **Why is extension status here?** The component reads tables that the **plugin** owns. If the plugin is missing or disabled, this page keeps showing the earlier data while no new booking is recorded — nothing on screen looks wrong. Hence its own tile.

> **About the version:** the number comes from Joomla's `manifest_cache`, written by the installer. Files copied by hand leave it stale, so the panel compares it with the manifest on disk and shows both when they disagree.

Capacity Overview

One row per timeslot. Column headers sort, the filter bar narrows.

Column	Contents
Form, Field	Where it belongs (`R` = radio, `C` = checkbox)
Timeslot	Label in bold, value underneath; for dated slots the start, and a **closed** badge once it has closed (at the start, or *Close booking before start* hours earlier)
Total / Booked / Free	Capacity, places taken, remainder. Under *Booked*: "+3 waiting" when the slot has a waiting list
Status	Utilisation bar
Diag.	Diagnostic markers

The utilisation bar is green below 75%, yellow from 75%, red at 100%.

Filtering

Free-text search (**accent-insensitive** — "joga" finds "Jóga"), form dropdown, "Booked only" and "Issues only" switches.

> The summary bar and the diagnostics are computed on the **unfiltered** set, so an active filter or pagination can never hide a problem. Closed slots are not counted as free places in the summary.

Diagnostics

Marker	Meaning
🟢 check	No issue
🔴 copy	**Duplicate value** — the choice is unrecoverable, capacity is pooled
🔴 question	**Suspect capacity** — the capacity segment is not numeric, probably swapped columns
🔴 broken link	**Orphan booking** — bookings exist for this value but no item matches
🟠 ban	**No capacity** — zero, can never be booked

Hovering shows the full name and the explanation. What each one means and what to do is in the troubleshooting guide.

Orphan bookings appear as their own rows, so you can see how many bookings became invisible to the capacity counter. Those rows carry a yellow wrench button that takes you straight to the fix.

View Bookings

The list of bookings, showing **labels** — not just the raw value.

Each row carries a status badge — **Booked**, **Waiting list**, or briefly **Reserved** while a form is being submitted. Bookings added by hand carry a **Manual** badge.

Filters

Search, form, field, slot, **status**, date from–to. Active filters appear as chips below the bar, each removable on its own. The dates are days in your own time zone (user profile, else the site's), the same as the dates shown in the list.

> The filters are hierarchical: changing the form clears the field and slot filters, changing the field clears the slot filter. Without this it is easy to end up with a self-contradicting filter state that returns an empty list with no explanation.

Deleting a booking

Select rows → **Delete** (`core.delete`). The place is freed at once, and if the slot has a waiting list, the first person on it gets the place and an email. The RSForm! Pro submission is not touched.

Roster layout

The **Roster** toolbar button switches to a list grouped by timeslot: number, name, email, booking date and an empty **signature** column.

It contains **every** booking matching the filter, without pagination — a roster split across pages is useless at a door desk. The print button hides the admin interface chrome, and groups do not break across pages.

> **Tip:** set the **Status** filter to *Booked* before printing, so people still on the waiting list are not on the door list.

CSV export

Exports the **filtered but unpaginated** set. It starts with a UTF-8 BOM so Excel opens accented labels correctly. Label and value are separate columns, and a **Status** column tells bookings from waiting-list entries.

A cell that starts with `=`, `+`, `-` or `@` gets a leading apostrophe. Names and emails are typed by visitors, and without it a "name" like `=HYPERLINK(…)` would run as a formula when the file is opened.

Cleanup

The **Clean up orphaned records** button removes bookings whose RSForm form or field no longer exists. Those rows carry a red "Deleted field" marker in the list.

New booking (manual bookings)

View Bookings → **New booking** (permission: **Create**)

For bookings that do not come through the form — a phone call, a walk-in, a VIP place.

1. Choose the **field** (forms and fields are listed together)
2. Choose the **slot**. Each slot shows its free places, e.g. "3 of 15 free"; closed slots are marked
3. Enter a **name** and **email** (both optional; the email must be valid if given)

4. **Save**

A manual booking counts against capacity exactly like a form booking, under the same lock — so it cannot double-book a place a visitor is taking at the same moment. It gets its own cancellation token, appears with a **Manual** badge, and has no RSForm! Pro submission. No email is sent: tell the person yourself.

A full slot is refused unless you tick **Allow booking a full slot (exceeds capacity)** — then the slot is overbooked on purpose, and the Capacity Overview shows it as full. As the admin you can also book a `[d]`-disabled or closed slot.

Field Connections

Sets up conflict detection between fields. A grid with **one** checkbox per field pair.

> **Why only one?** Because saving enforces bidirectionality, so the matrix is symmetric by definition. Two checkboxes for the same connection would only suggest you have to tick it twice.

If a pair currently exists in one direction only, the cell turns yellow and is marked "One-sided" — saving restores it.

This is the only place to manage connections. The field list in the RSForm! Pro editor shows them as a `Connected: …` chip under the field.

Orphan connections

When a field is deleted, its ID stays behind in its partners' configuration: it never appears in the UI and cannot be unticked. A warning panel at the top lists them, and the toolbar button removes the references in a transaction. Working connections are left untouched.

> Saving in a filtered view only touches the visible form's fields — connections on hidden forms are left alone.

Notifications

Shows what the plugin's cooldown mechanism is holding back. It answers the question: **"why did I not get a warning email?"**

The header shows the possible causes in the order the plugin checks them:

1. **Master switch** — is it enabled at all
2. **Recipient** — with an empty address nothing is ever sent

3. **Cooldown** — in minutes

Below, per row: form, field, warning type, last sent, and whether the cooldown is **currently blocking** (with the minutes remaining).

> These numbers are read from the **plugin's** settings rather than copied into the component — the value shown is always the one the plugin enforces.

Clear cooldown works per row or for everything. Clearing means deleting the row: the plugin then treats the warning as never sent.

This view covers the capacity warnings only. Cancellation and promotion emails have no cooldown.

Remap Bookings

A repair tool. Needed when the timeslot list was edited after bookings had started.

1. Pick the field (only fields with bookings are listed)
2. The table shows the values **actually stored**: count, first and last booking date, whether orphaned
3. Choose a new item per row, from the field's current items
4. **Apply remap**

Built-in safeguards

- **Targets must be current items of the field** — checked server-side, not just constrained by the dropdown. A free-text target would let you create a fresh orphan from the very screen built to remove them.
- **Swaps and chains are safe** — all values are rewritten in one statement, decided on each booking's original value, so A→B together with B→A really swaps them.
- **Capacity check** — if a target slot would end up with more bookings than places, the remap stops and names the slot. Raise the capacity first, or tick **Allow exceeding capacity** if overbooking is intended. Waiting-list entries are moved too, but do not count against capacity.
- **Duplicate warning** — if the field's items still contain a duplicate value, make them unique first, or bookings stay pooled after the remap.
- **Transaction**, with a full rollback on error.

The operation **cannot be undone**; take a database backup before a larger restructuring.

Options

Toolbar → **Options** (requires `core.admin`).

Setting	Default	Description
Show IP address column	Off	An IP address is personal data and most tasks do not need it
Include IP in export	Off	Separate switch: an exported file is easy to pass on
Export row limit	20000	Stops a large table from exhausting memory
Data retention (days)	0	0 = unlimited
Retention mode	Anonymize	What happens past the retention window — see below
Free places when submissions are deleted	Yes	See below
Rows per page	20	Overrides Joomla's global setting
Date format	empty	PHP format string; empty uses Joomla's localised format

Free places when submissions are deleted

When an RSForm! Pro submission is deleted, its timeslot bookings go with it and the places become free — and are offered to the waiting list. This covers:

- deleting submissions in RSForm! Pro → Submissions (one by one, or *Clear all*)
- the visitor deleting their own submission with RSForm! Pro's deletion link

Automatic deletions never free places: the form option *Keep data* = *No*, the RSForm! Pro delete-submissions plugin and the CLI purge do not tell other extensions what they delete. With *Keep data* = *No* the bookings therefore stay in place without a submission — which is usually what you want, since the visitor did book.

Switch the option off to keep bookings when submissions are cleaned up — for example if you delete submissions for privacy but still need the head count. Every freed place is written to the plugin log.

Data retention

When **Data retention** is greater than zero, a button appears in the Bookings view, and a bar at the top of the list shows how many rows are due. What the button does depends on **Retention mode**:

Mode	Button	Effect
Anonymize (default)	Anonymize old bookings	Name, email and IP are cleared. The booking row stays, so **the place stays taken** and the head count is right.
Delete	Delete old bookings	The booking row is removed, so **its place becomes free again**.

Already anonymized rows are not counted again.

⚠️ What you need to understand

The retention window is measured from when a booking was **made**, **not from the slot's own date**. The bookings table does not store the slot's date — that lives in `ITEMS`.

That is exactly why *Anonymize* is the default: a booking placed six months ago for next month keeps its place and loses only the personal data. In *Delete* mode the same booking is **deleted**, and because capacity is a computed value, its place immediately becomes bookable again. That can quietly cause overbooking on an event that has not even happened yet.

Use *Delete* only for forms whose slots are always over before the retention window ends, or leave retention at `0` and clean up by hand.

Scheduled runs

The `plg_task_timeslotpurge` plugin runs the same job from Joomla's scheduler.

1. Enable it: **Extensions** → **Manage**
2. **System** → **Scheduled Tasks** → **New** → *Timeslot booking data retention*

By default it uses the component's retention window, so the policy lives in one place and the manual button and the scheduled run cannot drift apart. A switch lets the task use its own number of days. The **mode** (anonymize / delete) always comes from the component Options. With a window of `0` the task does nothing and reports success.

Permissions

Options → **Permissions**

Action	Permission required
Opening any view	`core.manage`
CSV export	`core.manage`

Action	Permission required
Adding a booking by hand	`core.create`
Deleting bookings, retention, orphan cleanup, clearing cooldowns	`core.delete`
Saving connections, remapping bookings	`core.edit.state`
Options	`core.admin`

> **`core.manage` does not belong to the Manager group by default**, and Joomla hides components a user has no permission for — so the component does not even appear in the menu. If Managers need access, grant it here. For a read-only role, grant `Manage` but not `Delete`. For a front-desk role that takes phone bookings, grant `Manage` and `Create`.

The export is deliberately tied to `core.manage` rather than a dedicated permission: everything in the file is already on screen for anyone who can open the list. Restricting the read is what actually protects the data.

Buttons the user has no permission for **are not shown** — a button that promises an action and then refuses it is worse than no button.

Troubleshooting

Organised by symptom. Most questions are already answered on the spot by the diagnostics in the **Dashboard** and the **Capacity Overview**, and by the settings summary under each field in the RSForm! Pro field list — start there.

Diagnostic markers

🔴 Duplicate value

What it means: two or more slots use the same value in `ITEMS`.

Why it matters: a radio button or checkbox transmits nothing but the value when the form is submitted. Two lines with the same value are indistinguishable at the HTTP level — the information never reaches the server. Capacity is also pooled, because bookings are counted on `field + value`.

What to do: make the values unique in the RSForm field's **Items** setting. If bookings already exist, then use the **Remap Bookings** view.

Note: the field refuses submissions in this state. That is deliberate — an accepted submission would create an unattributable booking, leaving the visitor believing they have a place and the operator unable to say which one.

What already happened cannot be recovered. If bookings were made while the duplication existed, only the people involved can tell you which slot they picked — their names and email addresses are in the Bookings view.

🔴 Suspect capacity

What it means: the capacity segment is not purely numeric.

Why it matters: `09:00` is read as the number **9**. The system therefore counts 9 places, with no error. The tell-tale sign: the capacities follow the hours exactly (9, 10, 11, 12).

What to do: check the segment order. The correct format is:

```
value|label|capacity|start|duration
```

The Capacity Overview prints the raw value next to the number it read, so you can see what it tried to interpret.

🔴 Orphan booking

What it means: bookings exist with this value, but `ITEMS` no longer contains such a line.

Why it matters: the capacity counter cannot see these bookings, so the place looks free again. **Overbooking becomes possible.**

Typical cause: the timeslot list was edited after bookings had started.

What to do: the yellow wrench button next to the row, or **Components** → **…** → **Remap Bookings**. Map the old value onto the correct new item.

🟠 No capacity

What it means: the slot's capacity is zero, so it can never be booked. (A line without a capacity segment has 1 place, not 0.)

What to do: if deliberate (a closed slot), leave it. If not, put the capacity in the third segment.

The timeslot picker does not appear on the form

Check the **Dashboard** → **Extension status** tiles — one of the four should be red.

Tile	What to do
Plugin: **disabled** or **not installed**	Extensions → Manage → enable *System - Timeslot Field*

Tile	What to do
Field types: **0/2** or **1/2**	Reinstall the system plugin so its install SQL runs
Tables: missing	Same — the tables are created by the plugin

If everything is green but the field still does not render, check that the field class files were copied into RSForm's folder:

```
/administrator/components/com_rsform/helpers/fields/timeslotradio.php
/administrator/components/com_rsform/helpers/fields/timeslotcheckbox.php
```

The plugin's installer script copies them there. Reinstalling the plugin restores them.

A slot disappeared from the form

It is a **dated** slot that has closed, and *Past slots* is set to *Hide*.

- It closes when it starts, or *Close booking before start* hours earlier. `720` hours is 30 days, not 30 hours.
- Check the site time zone (**Global Configuration** → **Server** → **Website Time Zone**). Dates are read in that zone.
- To see closed slots, set *Past slots* to *Show as closed*.

The field-list summary shows how many slots of a field are closed.

The field list shows `PLG_TIMESLOTFIELD_…` keys instead of names

A language file could not be loaded. Joomla rejects a whole language file if one value spans several lines or has an unescaped quote — typically after a hand edit or an own translation. Keep every value on one line (`\n` for a line break) and escape quotes inside a value as `\"`. Reinstalling the package restores the original files.

The visitor got an error although the slot looked free

Someone else took the last place between the moment the page was loaded and the moment the form was submitted. The free-place numbers are calculated on page load and are not refreshed live; the server check on submit is what protects the last place.

That is the intended outcome: the visitor gets the form back with the field marked, instead of a confirmation without a booking. Switch on the waiting list if such visitors should queue instead.

The log (`plg_system_timeslotfield.log.php`) records every booking that was refused at the last moment.

The waiting list does not work

1. **Is *Waiting list* = Yes on this field?** It is set per field, on the Attributes tab. Fields created before 1.3.0 have no value until you open them, set it and **save**.
2. A full slot shows **"(full)"** instead of **"(full - waiting list)"**? Then the field does not have the waiting list on — see point 1. The field-list summary shows *Waiting list* or *No waiting list*.
3. **Someone cancelled but nobody moved up?** Promotion happens only when a place is actually freed: a cancellation link, a deletion in View Bookings, or a deleted submission (with the option on). Raising the capacity in `ITEMS` does not trigger it; deleting a booking directly in the database does not either.
4. **The promoted visitor got no email?** The waiting-list entry has no email address — set the field's *Email field* property.

The cancellation link is missing or does not work

Symptom	Cause
`{field:cancel}` prints nothing	*Allow cancellation links* is off, or the placeholder uses the wrong field name
`{field:cancel}` prints nothing for one slot	That slot was not booked (for example, the submission was refused)
"Online cancellation is not available"	*Allow cancellation links* is off
"This time slot has already started…"	Dated slot that has started — cancellation is closed for it
"This booking does not exist…"	Already cancelled, deleted in the admin, or the link was cut off by the mail client
An HTML `<a href>` contains several links	A checkbox field with several slots — print the links as text, see Placeholders

Manual bookings have a cancellation token too, but nobody receives a link, because no email is sent for them.

No calendar file is attached

- *Attach calendar file* is *No*, or only *User email* while you are looking at the admin email.

- The booked slots are **undated** (`09:00`). Only dated slots go into the file.
- Every selected slot went onto the **waiting list** — waiting-list entries are not calendar events.

The booking has no name or email

The plugin could not find the fields. Set **Email field** and **Name field(s)** on the timeslot field (Attributes tab) to the **Name** of your form fields. See Name and email of the booking.

Places were not freed after deleting submissions

- *Free places when submissions are deleted* is off (component Options).
- The submissions were deleted **automatically** — *Keep data* = *No*, the delete-submissions plugin, or the CLI purge. Those deletions never free places.
- The bookings belong to a different submission (manual bookings have none).

Delete the bookings themselves in **View Bookings** if the places should be freed.

Capacity does not update on the front end

The numbers are calculated when the page is loaded — there is no live refresh. Reload the page to see the current state.

- Have you cleared the Joomla caches? A cached page shows old numbers. Exclude the form's page from page caching.
- Browser console (F12) → any JavaScript errors?

Quick check in the console:

```
console.log(window.timeslotConnections);  // field connections (conflict detection)
console.log(window.timeslotDemoConfig);   // demo mode configuration
```

If `timeslotDemoConfig` contains the form's ID, the field is running in **demo mode**: capacity only goes down within the browser session and nothing is written to the database. This is the most common reason for "the booking does not show up in the list".

The colours are not what I expected

On the site the colours are fixed per state — green for free places, red for full, yellow for the waiting list, grey for closed — and can be changed in the plugin's **Appearance** tab. They do not depend on how full a slot is.

If your changes do not show:

- **Load CSS** (Basic Settings) is off — then theme, colours and radius are not applied; only Custom CSS is.
- Your template's CSS is more specific. Override it in **Custom CSS**.
- A page cache still serves the old page.

In the Capacity Overview the utilisation bar follows the share of places taken: green below 75%, yellow from 75%, red at 100%. So a 200-place slot with 30 free (85%) is **yellow**, while a 4-place slot with 3 free is **green**. If you need the absolute number, the Free column shows it.

Conflict detection does not work

Check in this order:

1. **Is there a start and a duration in `ITEMS`?** Five segments, not three. Without them there is nothing to compare.
2. Are you expecting detection **between fields**? Then is the connection set up in the **Field Connections** view? The field-list summary shows `Connected: …` when it is.
3. Are the fields on the **same form**? It does not work across forms.
4. Hard refresh (Ctrl+Shift+R)?

The reverse case — it reports a conflict that should not exist: undated slots are compared on the **time of day** only. In a weekly timetable, Monday 9:00 and Wednesday 9:00 look like a conflict. Give the slots dates (`2026-11-09 09:00`), leave the timing out, or do not connect the fields representing the days.

In the console, `window.timeslotConnections` lists the connections, e.g. `{33: [35], 35: [33]}`. If it is empty, the connection was not saved.

No warning email arrives

Open the **Notifications** view — its header shows the causes in the order the plugin checks them.

1. **Master switch** off → enable it on the plugin's Email Notifications tab
2. **Recipient** empty → set an address
3. **Held back** in the row → the cooldown is blocking; the minutes remaining are shown there, and it can be cleared
4. None of those? Then:
   - Is the relevant **type** ticked under Notification Types?
   - For **Capacity Low**: did any slot reach the threshold? And did an actual **booking** happen? This type does not run on form load.
   - Is the slot **full**, `[d]` or **closed**? Those are never reported.

- Is Joomla's mail configured? Try System → Global Configuration → Server → Send Test Mail.
- Mail errors are not shown to visitors — look in the plugin log.

Only some slots are reported

That is the normal behaviour, not a fault: the **Capacity Low** email lists only the slots that reached the threshold. If you want a summary of every bookable slot, set a very high threshold (e.g. `100`).

A full slot is never included — a warning there would arrive too late.

Too many warning emails

The **Notification Cooldown** is probably 0. Set it to at least 60 minutes.

The cooldown is tracked per field and per warning type, and is database-backed — so it really is global, not per visitor.

The component does not appear in the menu

This is a permission question, not a fault. Joomla hides components the user has no `core.manage` permission for, and that permission **does not belong to the Manager group by default**.

Options → Permissions → Manager → Manage: Allowed.

The **New booking** button is missing? That needs **Create**.

Check from the database:

```
SELECT id, name, rules FROM jos_assets WHERE name = 'com_timeslotbookings';
```

If there is no such row, the component's permissions have never been saved — everything is inherited from the global configuration.

Installation problems

"Alias already in use" / "error building the admin menus"

Orphaned `#__menu` rows from interrupted earlier installs. The installer script's `preflight()` clears them and rebuilds the menu tree automatically — the post-install messages tell you how many it found.

If it persists, `DB_CLEANUP_timeslotbookings.sql` in the package can be run directly in phpMyAdmin.

The install says "successful" but something is missing

Joomla reports success even when a sub-package failed. The package therefore **prints the actual state** after installing — version and status per extension, tables, field types. Anything red or amber there names the specific thing to do.

"The extension requires Joomla 5.0 / PHP 8.1"

The installer stops on older platforms on purpose. Update Joomla or PHP first; version 1.1.7 is the last one for Joomla 4 / PHP 8.0.

White page after installing

Enable Joomla's debug mode and check the PHP error log.

Useful SQL queries

Replace the `jos_` prefix with the `$dbprefix` value from `configuration.php`.

Every timeslot field and its configured slots:

```
SELECT c.ComponentId, c.FormId, f.FormTitle, c.Published,
       pName.PropertyValue AS FieldName,
       pItems.PropertyValue AS Items
FROM jos_rsform_components AS c
LEFT JOIN jos_rsform_forms AS f ON f.FormId = c.FormId
LEFT JOIN jos_rsform_properties AS pName
       ON pName.ComponentId = c.ComponentId AND pName.PropertyName = 'NAME'
LEFT JOIN jos_rsform_properties AS pItems
       ON pItems.ComponentId = c.ComponentId AND pItems.PropertyName = 'ITEMS'
WHERE c.ComponentTypeId IN (701, 702)
ORDER BY c.FormId, c.`Order`;
```

One field's bookings by value and status:

```
SELECT timeslot_value, status, COUNT(*) AS bookings
FROM jos_timeslot_bookings
WHERE component_id = 123
GROUP BY timeslot_value, status;
```

Only `reserved` and `confirmed` take a place.

A slot's waiting list, in promotion order:

```
SELECT id, user_name, user_email, booking_date
FROM jos_timeslot_bookings
WHERE component_id = 123 AND timeslot_value = 'ws1' AND status = 'waitlist'
ORDER BY id;
```

Duplicate property rows (rare, but confusing):

```
SELECT ComponentId, PropertyName, COUNT(*)
FROM jos_rsform_properties
WHERE PropertyName IN ('ITEMS', 'NAME')
GROUP BY ComponentId, PropertyName
HAVING COUNT(*) > 1;
```

Field connections:

```
SELECT ComponentId, PropertyValue
FROM jos_rsform_properties
WHERE PropertyName = 'CONFLICT_CHECK_FIELDS';
```

> Connections live in RSForm's property table, **not** in a table of their own. Older documentation mentioned `#__timeslot_connections` and `#__timeslot_capacity` — those do not exist. The extension creates two tables: `#__timeslot_bookings` and `#__timeslot_notifications`.

Logs

Where	What
`administrator/logs/plg_system_timeslotfield.log.php`	Reservations refused at the last moment, submissions blocked by duplicate values, places freed by deleted submissions, visitor cancellations, waiting-list promotions, mail errors
System → Scheduled Tasks	Runs of the retention task, with the number of rows changed
Browser console (F12)	Front-end JavaScript errors; `window.timeslotConnections`

`timeslot_email_debug.log` in the site root, if it is still there from version 2.9.10–2.9.11, can be deleted — it may contain fragments of email text.

Changelog

Version history for all three extensions, newest first.

Versioning: `MAJOR.MINOR.PATCH`. MINOR marks a new feature or a new permission/configuration layer, PATCH a bug fix.

Package — `pkg_timeslotfield`

1.3.0 (2026-10-10) — Dated slots, waiting list, cancellation

Updates from 1.1.7. Component 1.14.0, system plugin 2.11.0, task plugin 1.0.3. **Requires Joomla 5.0 and PHP 8.1** — Joomla 4 sites stay on 1.1.7.

- **New:** dated slots with automatic closing, waiting list with automatic promotion, a cancellation link per booked slot, `{field:start}`, `{field:end}`, `{field:status}` and `{field:cancel}` placeholders, calendar file, manual bookings, name and email field mapping, admin notifications, retention mode, settings summary in the field list, appearance options.
- **Booking safety:** places are reserved during validation; the server refuses unknown, `[d]`, closed, full and overlapping selections.
- **Behaviour changes:** see Updating from 1.1.x.
- Versions 1.1.8–1.2.0 were development builds and were never released; their content is part of 1.3.0.

1.1.1–1.1.7 (2026-08)

- Maintenance releases of the system plugin, up to 2.9.14 (see the plugin's 2.9.9–2.9.14 entries below). Component 1.13.2 and task plugin 1.0.1 unchanged.

1.1.0 (2026-08-07) — Package-based updates

- The components' **individual update servers have been removed**; one update server remains, the package's. The three extensions depend on each other (the component reads the plugin's tables, the task plugin reads the component's setting), so updating them separately could have produced a combination nobody ever tested.
- Consequence: the package version increases even when only one component changed.
- Update manifest and changelog feed.
- Component versions: component 1.13.2, system plugin 2.9.7, task plugin 1.0.1 (manifest changes only).

1.0.1 (2026-08-07)

- **Fix:** `PKG_TIMESLOTFIELD_XML_DESCRIPTION` showed as a raw language key. The package now ships its own `sys.ini` files in Hungarian and English.
- **Fix:** mixed-language installation messages. Installer scripts' `preflight()` runs **before** the extension's language files are registered, so a `Text::_()` call would print the raw key. Both scripts now carry hu/en strings inline, falling back to English for other languages.

1.0.0 (2026-08-07)

- First release: the component and both plugins in a single installer.
- **Post-install verification.** Joomla reports success even when a sub-package failed — the package adapter reports its own extraction. The package therefore verifies and prints what landed: version and state per extension, presence of the two tables, registration of field types 701/702.
- The system plugin is enabled automatically (it is not optional); the task plugin is left disabled on purpose (it deletes data).
- `preflight()`: Joomla 4.0+ and PHP 8.0+ checks, aborting if unmet.

Component — `com_timeslotbookings`

1.14.0 — Statuses, manual bookings, retention mode

- **New booking** screen: book a place by hand, under the same lock and capacity rules as the form; "Manual" badge; new permission **Create** (`core.create`).
- **Booking statuses** in View Bookings: badges, a **Status** filter, a Status column in the CSV export. Deleting a booking promotes the waiting list.
- **Capacity Overview:** waiting-list count per slot, start time and **closed** badge for dated slots; closed slots are left out of the free places in the summary and on the Dashboard; waiting-list entries are not counted as bookings.
- **Retention mode:** anonymize (default) or delete. The retention button, its confirmation and the task plugin follow the mode. *Retention mode* is always visible in Options.
- **Free places when submissions are deleted** option (default on).
- **Remap Bookings** stops if a target slot would exceed its capacity (can be overridden). **Fix:** swaps (A→B, B→A) and chains (A→B, B→C) are applied in one statement on the original values — before, bookings moved twice.
- The **closed** badge and the free-place totals use the field's *Close booking before start* setting, like the form.
- **CSV export:** cells starting with `=`, `+`, `-` or `@` are prefixed with an apostrophe (formula injection).
- **Fix:** the date filter of View Bookings and the Dashboard's *Today* tile use your time zone instead of UTC.
- The Items list is read by the plugin's parser, so the admin and the form always agree (capacity, labels, flags). A slot without a capacity segment now shows 1 place.
- Minimum platform: Joomla 5.0, PHP 8.1.

1.13.1–1.13.2

- Installer script messages became language-aware (see package 1.0.1).
- Update server removed in favour of the package (see package 1.1.0).

1.13.0 — Data retention

- **Retention window** setting (`0` = unlimited, the default).
- **Delete old bookings** button in the Bookings view, tied to `core.delete`, with confirmation; a bar at the top of the list shows the rows due for deletion.
- ⚠️ The window is measured from when a booking was **made**, not from the slot's date — a booking placed long ago for a future slot can be deleted, freeing its place. The setting's description and the confirmation dialog say so explicitly.

1.12.0 — Remap Bookings

- **New view:** repairing orphan bookings from the interface, without database access. The diagnostics had detected them since 1.7.1, but fixing them still meant hand-written SQL.
- Targets must be **current** items of the field, checked server-side — so no new orphan can be created from the repair screen.
- Duplicate warning, transaction, `core.edit.state` permission.
- Orphan rows in the Capacity Overview get a direct link.

1.11.6

- The Capacity table now matches the Bookings table's styling (`table-striped`). Row-state tints are pinned, otherwise striping would have removed the colour from every other flagged row.

1.11.5

- **Compact diagnostics column:** circular icon markers instead of text badges, with the full name and explanation in the tooltip. Its own `.ts-diag` class rather than `.badge`, so Atum's `.badge > span` and `.badge:empty` rules do not apply.

1.11.4

- `small` class removed from the Form and Field columns.
- Field type shortened to a single letter (`R` / `C`), full word in a tooltip.
- Filter bar layout: 3 / 3 / 2 / 2 / 2, buttons right-aligned.

1.11.3

- The drill-down link from Capacity now carries the **form** ID too. Without it the target view's form selector stayed empty, and a subsequent date filter quietly widened the search to every form.

1.11.2

- **Fix:** the Bookings pagination never changed page. The component's own page size was applied **after** `parent::populateState()`, which had already rounded the offset to the global limit — `floor(5/20)*20 = 0`.
- **Unified headings:** every view carries its own name, matching the sidebar submenu. The Bookings view previously used the component's name.
- New component name: *Timeslot Field - Capacity Manager*.

1.11.1

- **Fix:** the link from Capacity returned an empty list. Two causes: the link only specified a partial filter state (the rest survived in user state and contradicted it), and an `is_numeric()` test turned the "All forms" value (`0`) into a `FormId = 0` filter.
- Filters became hierarchical: changing the form clears the field and slot filters, changing the field clears the slot filter.

1.11.0 — Responsive lists

- Below `md`, the Bookings and Capacity tables **restack as cards**, each cell carrying its own column heading (`data-label`). Not horizontal scrolling: these tables have few but wide columns.
- The Field Connections matrix is excluded — it is genuinely two-dimensional, and restacking would destroy its meaning; there the row header sticks to the left edge instead.
- The inline `<style>` blocks scattered across four templates moved into `media/com_timeslotbookings/css/admin.css`.

1.10.2

- **Fix:** the Capacity pagination never changed page. A custom hidden `limitstart` field collided with `getListFooter()` 's own; with two fields of the same name, assigning `.value` on an `HTMLCollection` silently does nothing.

1.10.1

- **Fix:** the roster printed indented on the left and clipped on the right. `position: absolute` resolved against the nearest *positioned* ancestor; in print, every element is now forced back to `position: static`.
- More colourful dashboard: gradient tiles, icons, colours tied to meaning.
- **Pagination in the Capacity Overview.** The summary and diagnostics are still computed on the complete set, not the current page.

- Two orphaned configuration keys became real settings (**Rows per page**, **Date format**); 21 never-implemented keys removed.

1.10.0 — Dashboard

- **New default view** with summary tiles: bookings, capacity, extension status, recent bookings.
- The statistics reuse `CapacityModel::getSummary()`, so the dashboard and the overview cannot disagree.
- The plugin information bar was removed from the Capacity page.

1.9.0 — Notifications, health panel, roster

- **Notifications view**: when a warning email went out, when the cooldown expires, and how to clear it. "Why did I not get an email?" could previously only be answered in phpMyAdmin.
- **Health panel**: plugin state and version, field types, tables. The version comes from `manifest_cache`, which goes stale with hand-copied files — the panel therefore compares it with the manifest on disk.
- **Roster view**: printable list grouped by timeslot, with a signature column, without pagination.
- Unused `BookingTable` class removed.

1.8.2

- **Fix:** `404 Invalid controller class: capacity` — the Refresh button sent a `capacity.refresh` task, but `CapacityController` had never been written.

1.8.1

- **Fix:** the filter checkboxes could not be switched off. An unticked checkbox is not sent in the request, and `getUserStateFromRequest()` then falls back to the stored value. A hidden `0` field now precedes every checkbox.
- 45 Hungarian strings corrected to sentence case instead of English Title Case.

1.8.0 — Permissions

- **Until now the component contained not a single `authorise()` call.** Anyone who could log into the backend could list every booking, complete with names and email addresses, export them and delete them.
- `access.xml`, `config.xml`, guards on every view and action, a permission-aware toolbar.
- Installer version guards (Joomla 4.0+, PHP 8.0+).
- The no-op install SQL and the `sql` folder removed.
- New options: show the IP address in the list and in the export (off by default), export row limit.

1.7.5

- **Fix:** `fputcsv()` PHP 8.4 deprecation, which ended up inside the downloaded CSV. Explicit `$escape`, and all output buffers flushed before the headers.
- Active filter chips became readable and individually removable.
- **Fix (data loss):** saving silently deleted field connections pointing outside the submitted matrix (another form, or one hidden by the filter).

1.7.4

- **Slot label resolution** in the Bookings list — previously only the raw value was shown.
- Filter bar, active filter chips, date range.
- CSV export (filtered but unpaginated set, with UTF-8 BOM).
- Orphan rows flagged, distinguishing two cases: deleted field, versus a live field with a non-matching value.
- **The cleanup button's confirmation** moved to `Toolbar::confirmButton()`: the earlier `querySelector` relied on the toolbar's internal markup, and when it failed to match, the confirmation was silently skipped.
- **Saving connections became transactional.** A failure halfway through previously left one-sided connections behind.
- **Triangular matrix** instead of duplicate checkboxes.
- Orphan connection detection and cleanup.

1.7.3

- Fix: the OK marker disappeared from the diagnostics column. Atum's `.badge:empty` rule hid an icon-only badge — it became a text badge.

1.7.2

- Fix: the OK marker was offset (`.badge > span` margin). Icon class moved onto the badge, plus `visually-hidden` text for accessibility.

1.7.1 — Filtering and diagnostics

- The Capacity Overview became a flat, sortable table with a filter bar; the earlier card layout was unusable with many forms.
- **Diagnostics column** with four checks: duplicate value, suspect capacity, orphan booking, no capacity.
- The summary bar is computed on the unfiltered set, so an active filter cannot hide a problem.
- Accent-insensitive search.

1.7.0 — Native Joomla 4/5/6 rebuild

- The component moved from the Joomla 3-style legacy MVC structure to a namespaced, DI-registered one. This resolved the "404 – component not found" error and the raw language keys under Joomla 6.
- `services/provider.php`, `tmpl/{view}/default.php`, J6-safe API calls.
- `script.php` `preflight()` to clean up orphaned admin menu entries.

System plugin — `plg_system_timeslotfield`

2.11.0 — Waiting list, cancellation, appearance

- **Waiting list** per field: a full slot stays selectable, the visitor is queued, and freed places go to the oldest entries automatically, with an email to each promoted visitor.
- **Cancellation link per booked slot** (`{field:cancel}`) with a confirmation page; only its button cancels, so link previews cannot. `{field:status}` placeholder. Admin notification on cancellations and promotions (optional).
- Booking statuses `reserved`, `confirmed`, `waitlist_reserved`, `waitlist`; new `cancel_token` column with a token for every existing booking.
- **Settings summary** under the type badge in the RSForm! Pro field list.
- **Appearance** tab: theme, eight colours, corner radius, custom CSS, built on CSS variables; nothing extra on the page at the defaults.
- New fields start with an undated and a dated example line.
- **Fix:** the low-capacity email always reported 0 full slots; its slot lines are translated and show the start time.
- **Fix:** checkbox fields with a maximum and overlapping times — slots could stay greyed out but clickable, or more than the maximum could be ticked in the browser.
- **Fix:** classes from *Additional Attributes* (and RSForm! Pro's error class) did not reach the inputs.
- **Fix:** without RSForm! Pro (uninstalled, or files missing) every page, including the administrator, ended in a fatal error.
- **Fix:** on a radio field, choosing a slot disabled the slots overlapping it, so the visitor could not switch to them.
- **Fix:** after an error the form re-ticked the `[c]` defaults instead of the visitor's choice; checkbox fields kept only the first ticked slot.
- **Fix:** on multilingual sites the placeholders and the `.ics` file use the ITEMS translation of the submission's language.
- **Fix:** no "a place is now yours" email for a slot that has already started; dropped reservations and late waiting-list confirmations promote the waiting list.
- The `.ics` file leaves out waiting-list slots; `{field:status}` and `{field:cancel}` follow the item order; refused reservations are logged; `emaildns` fields are recognised as email fields; demo texts

honour Language Overrides.

2.10.0 — Dated slots

- **Dated slots** (`2026-11-05 09:00`), which may run past midnight.
- **Automatic closing:** at the start or *Close booking before start* hours earlier; *Past slots*: hide or show as closed. Times in the site time zone.
- **Server-side conflict check** inside a field and against connected fields; dated slots are compared on date and time.
- **Places reserved during validation**, in one transaction for the whole form — no confirmation without a booking.
- **Email field** and **Name field(s)** properties; without them the email comes from the first field with the Email validation rule.
- `{field:start}` and `{field:end}` placeholders.
- **Calendar file** (`.ics`) for the user email, or user and admin email.

2.9.16 — Clean-up

- **Fix:** fatal error in warning emails on Joomla 6 (legacy `JURI` alias).
- **Fix:** mailer errors were shown to visitors; now only logged.
- **Fix:** duplicate warning emails under load — the cooldown is claimed atomically.
- **Fix:** no more sessions for anonymous visitors; scripts only on pages that show a timeslot field.
- Removed the never-active "live availability" script and two unused AJAX endpoints.
- Minimum platform: Joomla 5.0, PHP 8.1.

2.9.15 — Server-side validation

- **Fix:** unknown values and `[d]`-disabled slots could be booked by editing the form in the browser; repeated checkbox values booked two places.
- **Fix:** a rare race in which two visitors could both take the last place (lock released before commit).
- **One parser** for `ITEMS`, shared by the form, the emails and the admin.
- **Fix:** the plugin's language files overrode RSForm! Pro's own texts.
- **Fix:** checkbox min/max messages showed `{min}` / `{max}` .
- **Fix:** demo mode stored submissions.
- **Places freed when submissions are deleted** (backend, *Clear all*, visitor deletion link).
- Removed the connection panel in the RSForm field dialog, which never saved reliably — connections are managed in Field Connections.

2.9.14

- Blue / green **type badge** in the RSForm! Pro field list.

2.9.13

- **Fix:** the admin field-list preview showed every radio option as selected instead of only the `[c]` ones.

2.9.12

- `{field:text}` fix confirmed on RSForm! Pro 3.4.10; diagnostic logging switched off again.

2.9.9–2.9.11 — `{field:text}` in emails

- `{field:text}` now shows only the label, not `label|capacity|start|duration`. The stored value is left untouched, so `{field:value}`, capacity counting and the Submissions view are unaffected. (2.9.10–2.9.11 found the real RSForm! Pro 3.4.10 event names; 2.9.8's approach of rewriting the stored value was withdrawn.)

2.9.7 (2026-08-07)

- Update server removed in favour of the package (see package 1.1.0).

2.9.6 (2026-08-06) — Duplicate values

- **The admin preview shows a red warning** when two lines use the same value, naming the value and the line numbers.
- **Submission is blocked** while a duplicate exists. Accepting it would be worse: the visitor would believe they have a place, and the operator would not know which one.
- Always logged; the detailed message is only shown to admin users, visitors get a neutral one.
- The parsing follows `getItems()` exactly, so the warning and the actual rendering cannot disagree.

2.9.5 — Reliability release

- **Fix:** a class-level static cache in `getAvailableItemsCount()` — two timeslot fields on the same page mixed up each other's available counts.
- **Security:** hardening of the `warning` AJAX endpoint; client-supplied data no longer reaches the email template, the type is whitelisted, and the condition is verified server-side.
- **Fix:** the email cooldown became global and database-backed. Stored in the session, every new visitor could trigger another email.
- **Fix:** the `required_no_slots` email never went out with default settings.

- Atomic transactions and MySQL named locks for booking concurrency.
- N+1 queries replaced with batched `GROUP BY` queries.
- CSRF protection on the AJAX endpoints, escaping, language fallbacks, version-gated SQL updates.

2.9.1

- Conflict detection UI, bidirectional connections, within-field conflict detection.

2.9.0

- Capacity low warning, email cooldown, back-end timing validation, AJAX capacity update optimisation.

2.7.3 and earlier

- See the earlier changelog files in the package.

Task plugin — `plg_task_timeslotpurge`

1.0.2–1.0.3

- Follows the component's **Retention mode**: anonymizes (default) or deletes. New task name: *Timeslot booking data retention*.
- Minimum platform: Joomla 5.0, PHP 8.1.

1.0.1 (2026-08-07)

- Update server removed in favour of the package (see package 1.1.0).

1.0.0 (2026-08-07)

- First release. Deletes bookings past the retention window via Joomla's scheduler.
- By default it uses **the component's setting**, so the policy lives in one place and the manual button and the scheduled run cannot drift apart; a switch overrides it.
- With a retention window of `0` it returns `Status::OK` rather than an error — "keep everything" is a deliberate choice, not a malfunction.
- Every run logs the number of rows deleted.