03 Bowlers (Clients)

Profiles · History · Management

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3.1 — Creating a Bowler Profile

3.1.1 Creating your first bowler (client) profile

Creating your first bowler (client) profile

3.1.1 **KEY** step-by-step

https://www.youtube.com/embed/w-EVVkPRnNU?si=8qPscA_es18wMpuJ

A **bowler profile** is the foundation of everything in Spectre Cloud. Every spec sheet, arsenal entry, layout history, and auto-suggestion is anchored to a bowler profile — without one, there is nowhere to store a fitting. This page walks through creating a bowler profile for the first time, from opening the Bowlers section to saving a complete record ready for a first spec sheet.

□□ Before You Start

You will need the following information to hand before creating a new bowler profile. Not all fields are required to save a profile, but the more complete the record from the start, the more useful Spectre Cloud's auto-suggestion features will be from the first fitting session.

- □ Bowler's full name.
- □ Dominant hand (right or left).
- □ Grip style (fingertip, conventional, or semi-fingertip).

- Contact information — email and/or phone number. **Required for Bowler Plus plugin users** who capture full addresses and consent signatures.
- Any known fitting measurements — PAP, span, pitches, insert preferences — if available from a previous shop or existing drilling record.

Note: It is not necessary to have all measurements before creating a profile. A name and dominant hand is enough to create a record and begin a first spec sheet. Measurements can be added during the fitting session or updated at any time.

Creating a Bowler Profile — Desktop

1. From any screen, click the **BOWLERS** button in the top navigation menu.
2. Click **New Bowler** (or the **+** button, depending on your view). ⚠ *Verify with your Spectre team: confirm the exact label and location of the new bowler button in the current desktop UI.*
3. The new bowler form opens. Enter the bowler's **full name** in the name field.
4. Select the bowler's **dominant hand** — Right or Left.
5. Select the bowler's **grip style** — Fingertip, Conventional, or Semi-Fingertip.
6. Enter contact details as appropriate for your shop's records.
7. Add any known fitting measurements in the relevant profile fields — PAP, axis tilt, axis rotation, rev rate, ball speed, hand flexibility, CLT. Leave blank any measurements not yet taken.
8. Click **Save** to create the profile. ⚠ *Verify with your Spectre team: confirm the exact save action label and whether the profile auto-saves or requires an explicit save button press.*

Creating a Bowler Profile — Mobile

1. From any screen, tap the **avatar icon** in the top navigation area.
2. Tap **New Bowler** or the **+** button. ⚠ *Verify with your Spectre team: confirm the exact mobile UI entry point for creating a new bowler.*
3. Complete the same fields as the desktop workflow above — name, dominant hand, grip style, contact details, and any known measurements.
4. Tap **Save** to create the profile.

Tip: On mobile, the bowler profile form may present fields in a single scrolling column rather than the multi-column layout used on desktop. All the same fields are available — the layout adapts to the screen size. A minimum 8" screen is recommended for the most comfortable fitting session workflow.

□□ Bowler Profile Fields — Reference

The table below covers the key fields on the bowler profile form. Fields marked as required must be completed before the profile can be saved; all others can be filled in now or updated later.

Field	Required	Notes
Full name	Yes	Used to identify the bowler across spec sheets, arsenal, and history
Dominant hand	Yes	Drives Auto-Invert (2.6.4) and lateral pitch sign conventions
Grip style	Recommended	Drives Autofill Bridge (2.6.5), Autofill Insert OD (2.6.6), and span suggestions
Contact information	Optional (required for Bowler Plus)	Email and/or phone; full address available with Bowler Plus plugin
PAP	Recommended	Required for layout suggestions — drives Auto-Suggest Layouts (2.6.10) and all structured layout types
Axis tilt / rotation	Optional	Enhances Auto-Suggest Layouts quality; can be measured and added after initial profile creation
Rev rate / ball speed	Optional	Further enhances layout suggestions; can be estimated initially and refined over time
Hand flexibility	Optional	Required for Pitch Suggestion (2.6.2) to fire
CLT	Optional	Required for Auto-CLT (2.6.3) to fire
Delivery style	Recommended	Identifies two-handed bowlers for 2LS layout suggestions (2.5.1.2)

Note: ⚠ *Verify with your Spectre team: confirm the complete list of fields on the bowler profile form, which are required vs. optional, and whether any fields listed above are located on individual spec sheets rather than the profile itself.*

Bowler Plus Plugin

Users with the **Bowler Plus plugin** (`$5 USD/month`) have access to additional profile fields and features not available in the core plan:

- **Full address** — store the bowler's complete mailing address on their profile.
- **Image gallery** — attach photos to the bowler's profile, such as hand measurement images or fitting reference photos.
- **Client consent signatures** — capture a digital signature from the bowler, useful for shops that maintain a liability or consent record for their fitting services.

Note: Bowler Plus fields are only visible and editable if the plugin is active on your account. If Bowler Plus is deactivated, its data is retained in read-only form — it will not be lost, but cannot be edited until the plugin is reactivated.

☁ Your New Profile Is Immediately Available Everywhere

As soon as a bowler profile is saved, it is available across all devices logged into your Spectre Cloud account. A profile created on a desktop at the front counter is immediately accessible on a tablet at the drill press, with no manual sync required.

- Profile data syncs in real time across all devices on your account.
- Multi-location shops: a profile created at one location is accessible at all other locations on the same account. ⚠ *Verify with your Spectre team: confirm whether bowler profiles are shared across locations on a multi-location account, consistent with the question raised in 2.6.1.*

What Happens Next

With the bowler profile saved, you are ready to begin a spec sheet. The profile record acts as the anchor for all fitting data going forward — every ball drilled, every layout recorded, and every measurement updated will be stored here and accessible in future sessions.

- To start a spec sheet immediately, navigate to the bowler's profile and select **New Spec Sheet**.
- To add a ball to the bowler's arsenal, navigate to their profile and select **Arsenal**.

- To return to the profile later and add measurements taken during the fitting, open the profile from the Bowlers list and edit the relevant fields.

Related Sections

- 3.1.2 — Editing a bowler profile
- 3.1.3 — Searching for an existing bowler
- 3.2.x — Bowler profile: measurements and fitting data
- 4.x — Spec Sheet: creating a first spec sheet
- 7.x — Arsenal: adding a bowler's first ball
- 2.6.1 — Auto-suggestions overview: how profile data drives autofill

Tip: Take the time to capture as many profile measurements as possible during the first fitting session — PAP, hand flexibility, CLT, grip style, and delivery style together unlock most of Spectre Cloud's auto-suggestion features from the very first spec sheet. A five-minute intake investment pays off on every fitting that follows.

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3.1.2 Required fields: name, hand, grip type

Required fields: name, hand, grip type

> 3.1.2 fields

When creating a bowler profile in Spectre Cloud, three fields are **required** before the profile can be saved: the bowler's **name**, their **dominant hand**, and their **grip type**. Every other field on the profile form is optional at the point of creation and can be completed or updated at any time. This page explains what each required field does, why it is mandatory, and what to enter when the answer is not immediately known.

□□ Name

The bowler's name is the primary identifier used throughout Spectre Cloud — it appears on spec sheets, in the bowlers list, in arsenal records, and in any printed or exported drilling documentation. Spectre Cloud does not enforce a specific name format, but a consistent approach across all profiles makes searching and sorting significantly easier.

- □ Enter the bowler's name in whatever format your shop uses consistently — **First Last** is the most common convention.
- □ For shops with a large bowler base, consider using **Last, First** format to make alphabetical sorting more useful.
- □ Nicknames or preferred names can be used if the bowler does not go by their legal name — the priority is that staff can find the profile quickly.

- Avoid abbreviations or shorthand unless they are used consistently — a profile filed as "J. Smith" will not appear in a search for "John Smith."

Tip: Agree on a name format convention with your team before creating your first batch of profiles — it is much easier to establish a standard from the start than to retroactively rename a large bowler list. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud enforces any name format, character limit, or duplicate name detection on the profile form.*

Dominant Hand

The **dominant hand** field records whether the bowler throws right-handed or left-handed. This is not simply a label — it is an active input that drives several downstream features throughout Spectre Cloud.

Why Dominant Hand Is Required

- **Auto-Invert (2.6.4)** — lateral pitch values are automatically mirrored when a spec sheet is created or cloned across handedness. Without a recorded dominant hand, Auto-Invert cannot function.
- **Lateral pitch sign convention** — pitch directions (toward/away from ring finger) are physically opposite for RH and LH bowlers. The dominant hand field ensures pitch values are displayed and drilled in the correct direction.
- **Layout orientation** — all structured layout types (VLS, 2LS, Dual Angle) are hand-specific. The dominant hand field ensures layout geometry is correctly oriented for the bowler.
- **Auto-CLT (2.6.3)** — CLT-based lateral pitch suggestions are direction-sensitive and depend on the dominant hand being recorded correctly.

What to Select

Option	Select When
Right	The bowler throws with their right hand
Left	The bowler throws with their left hand

Note: For ambidextrous bowlers who throw with both hands — for example, using their non-dominant hand for spares — record the hand used for **strike shots** as the dominant hand. Spare ball spec sheets can note the alternate hand where relevant. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud supports a separate handedness setting at the spec sheet level for ambidextrous bowlers, or whether handedness is profile-level only.*

Grip Type

The **grip type** field records how the bowler inserts their fingers into the ball — specifically, how deeply the fingers are inserted. Grip type is a required field because it directly determines which IBPSIA-standard values apply to this bowler's fitting and drives several autofill features from the moment the first spec sheet is opened.

The Three Grip Types

Grip Type	Finger Insertion Depth	Common User Profile
Fingertip	To the first knuckle — fingertip only	Most league and competitive bowlers; maximises rev rate and hook potential
Conventional	To the second knuckle	Beginners, youth bowlers, and some recreational bowlers; more secure grip, less hook
Semi-Fingertip	Between first and second knuckle	Transitional grip for bowlers moving from conventional to fingertip; less common

Why Grip Type Is Required

- **Autofill Bridge (2.6.5)** — standard bridge width differs between fingertip (`1/4"`) and conventional (`3/8"`) grips. Without grip type, the bridge cannot be autofilled.
- **Autofill Insert OD (2.6.6)** — insert OD lookup is grip-sensitive. Without grip type, the correct drill bit size cannot be derived.
- **Span suggestions** — IBPSIA-standard span starting points differ by grip type. Without grip type, span autofill cannot apply the correct baseline.
- **Pitch suggestions** — forward pitch norms differ between fingertip and conventional grips. Grip type informs the pitch suggestion engine.

What to Select for an Uncertain Grip

For a new bowler who has not yet been physically fitted, or whose grip type is unclear at the point of profile creation, select the grip type that best represents their *intended* grip style. This can be updated at any time as the fitting progresses.

- If the bowler is brand new to the sport, **Conventional** is a safe starting point — it is the more forgiving grip for beginners.

- If the bowler is transitioning from house balls to their first personal ball, **Fingertip** is likely the intended destination — select it if the fitting is proceeding on that basis.
- Update the grip type immediately if it changes during the fitting — autofill values on any open spec sheet will adjust accordingly. ⚠ *Verify with your Spectre team: confirm whether changing grip type on an open spec sheet re-triggers all grip-dependent autofill fields in real time, consistent with the live-update questions raised in 2.6.5 and 2.6.6.*

Changing Required Fields After Profile Creation

All three required fields can be edited after the profile is saved. Changes take effect immediately and are reflected across all new spec sheets created going forward. Existing saved spec sheets are not retroactively updated.

- **Name changes** — updating a bowler's name updates it everywhere in Spectre Cloud, including on existing spec sheets and arsenal records.
- **Dominant hand changes** — if a bowler's recorded handedness is corrected, Auto-Invert and pitch sign settings will apply correctly to all new spec sheets from that point forward. Existing spec sheets should be manually reviewed. ⚠ *Verify with your Spectre team: confirm whether changing dominant hand on a profile retroactively flags or updates existing spec sheets, or whether it only affects new sheets.*
- **Grip type changes** — updating grip type recalibrates autofill defaults for all new spec sheets. Existing spec sheets retain their original values.

Note: If a bowler genuinely changes grip style — for example, transitioning from conventional to fingertip after several seasons — consider creating a new spec sheet rather than editing historical records. Keeping the original grip type on past spec sheets preserves the accuracy of the bowler's fitting history.

☁ These Fields Sync Immediately

Once saved, the bowler's name, dominant hand, and grip type are available across all devices on your account in real time — no manual sync required. Any staff member opening the bowler's profile on any device will see the current values immediately.

Related Sections

- 3.1.1 — Creating your first bowler profile

- 3.1.3 — Optional profile fields: measurements and fitting data
- 3.1.4 — Editing and updating a bowler profile *(if applicable)*
- 2.6.4 — Auto-invert standard lateral pitches when changing from RH to LH
- 2.6.5 — Autofill Bridge: auto standard bridge
- 2.6.6 — Autofill Insert OD: auto drill bit size per insert type and grip
- 4.x — Spec Sheet: creating a first spec sheet

Tip: The three required fields together define who the bowler is and how they bowl — name identifies them, dominant hand orients the drilling geometry, and grip type calibrates the measurement standards that apply. Getting all three right at the point of profile creation means every autofill, every suggestion, and every spec sheet that follows starts from a correct foundation.

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3.1.3 Optional profile fields: PAP, axis tilt, axis rotation, rev rate, ball speed

Optional profile fields: PAP, axis tilt, axis rotation, rev rate, ball speed

> 3.1.3 fields

Beyond the three required fields covered in 3.1.2, a bowler profile in Spectre Cloud can store a rich set of **optional fitting measurements** that power the app's most sophisticated auto-suggestion features. None of these fields are required to save a profile or create a spec sheet — but the more completely they are filled in, the more useful Spectre Cloud becomes for that bowler over time. This page covers the five core performance measurements: **PAP**, **axis tilt**, **axis rotation**, **rev rate**, and **ball speed**.

Note: Additional optional fields — including hand flexibility, CLT, and delivery style — are covered in the following pages. The fields on this page are grouped together because they collectively form the **bowler dynamics profile** that drives layout suggestions and ball motion analysis.

□□ PAP — Positive Axis Point

The **PAP (Positive Axis Point)** is the point on the ball's surface that sits at the end of the bowler's initial axis of rotation at the moment of release. It is the single most important measurement in ball layout — every structured layout type in Spectre Cloud (VLS, 2LS, and Dual Angle) uses the PAP as its geometric anchor.

Why PAP Matters in Spectre Cloud

- Required for all structured layout calculations — without a PAP, layout fields on spec sheets must be entered manually.
- Required for **Auto-Suggest Layouts (2.6.10)** to fire — it is the minimum profile data needed for a layout suggestion.
- Stored as a coordinate pair — typically expressed as a measurement right/left of the midline and up/down from the ring finger. ⚠ *Verify with your Spectre team: confirm the exact PAP coordinate format used in Spectre Cloud — whether it is stored as two measurements (over/up) or in a different format.*

How to Measure PAP

PAP is measured from a ball the bowler has thrown — ideally one drilled to their current span and pitch — using a fresh ink or powder track to identify the ball's axis of rotation at the point of release.

1. Have the bowler throw several shots on a fresh surface to establish a clear, consistent track.
2. Identify the axis point — the location on the ball equidistant from both sides of the track.
3. Measure the distance from the PAP to a known reference point on the ball (typically the grip center or the pin).
4. Record the PAP coordinates in the bowler's Spectre Cloud profile.

Tip: PAP can shift over time as a bowler's release technique develops. For competitive bowlers, re-measure PAP at least once per season and update the profile — outdated PAP data will produce layout suggestions that no longer reflect the bowler's actual delivery.

Axis Tilt

Axis tilt is the angle between the bowler's positive axis and the horizontal plane at the point of release. It describes how much the ball is tilted on its axis when it leaves the bowler's hand — a higher tilt angle means a later, more angular backend reaction; a lower tilt angle produces an earlier, smoother arc.

- Typical range: **0° to 30°** for most bowlers, though values outside this range are possible.
- Two-handed bowlers typically have lower axis tilt than traditional thumb bowlers.
- Axis tilt enhances the quality of **Auto-Suggest Layouts (2.6.10)** — it helps the engine distinguish between layouts that work well for angular players vs. those that suit arc bowlers.
- Measured from the same throw used to establish PAP — the track width is a useful proxy for tilt when a precise measurement is not available. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud accepts axis tilt as a direct degree entry or whether it is derived from another measurement.*

Axis Rotation

Axis rotation is the angle between the bowler's positive axis and the vertical plane at the point of release. It describes how much the bowler rotates the ball through the release — a higher rotation angle produces more hook potential; a lower rotation angle produces a straighter, more rolled path.

- Typical range: **0° to 90°** — a 45° rotation is considered mid-range; competitive bowlers often fall between 45° and 75°.
- High rotation + high tilt = angular backend reaction; low rotation + low tilt = smooth, arcing motion.
- Axis rotation is a key input for **Auto-Suggest Layouts (2.6.10)** — together with tilt and rev rate it gives the engine the information needed to recommend layouts calibrated to the bowler's actual ball motion.
- Measured from the same throw used to establish PAP. ⚠ *Verify with your Spectre team: confirm whether axis rotation is entered as a direct degree value or calculated from a measurement taken at the fitter's bench.*

Rev Rate

Rev rate — revolutions per minute (RPM) — measures how many times the ball rotates on its axis per minute during its travel down the lane. It is one of the most commonly referenced indicators of a bowler's power and hook potential.

- Typical range: **150–500 RPM** for most bowlers. Recreational bowlers commonly fall between 150–250 RPM; competitive bowlers between 250–400 RPM; high-rev players above 400 RPM.
- Higher rev rate bowlers generally benefit from stronger layouts with more defined flare potential — the AI suggestion engine accounts for this.

- Rev rate can be measured using a dedicated rev rate app, a high-speed camera, or estimated from observation. An approximate value is useful even if an exact measurement is not available.
- Update rev rate as the bowler's game develops — rev rate can change significantly as technique improves, particularly for younger or developing bowlers.

Note: ⚠ *Verify with your Spectre team: confirm the unit and format Spectre Cloud uses to store rev rate — whether it is RPM, revolutions per second, or another unit — and the accepted input range.*

Ball Speed

Ball speed measures how fast the ball travels down the lane, typically recorded at the arrows (approximately 15 feet from the foul line) or at the pins. Speed is the counterpart to rev rate — the ratio between the two (rev-to-speed ratio) is a key determinant of ball motion style.

- Typical range: **14–19 mph** at the arrows for most adult bowlers. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud stores ball speed in mph, km/h, or offers both — and whether speed is recorded at the arrows, the pins, or is selectable.*
- Low speed relative to rev rate = high rev-to-speed ratio = more hook and earlier roll; high speed relative to rev rate = lower ratio = straighter, later reaction.
- Ball speed can be measured using lane-side speed monitors, a dedicated bowling app, or estimated from observation.
- Speed recorded in the bowler's profile is used by **Auto-Suggest Layouts (2.6.10)** alongside rev rate to calibrate layout recommendations to the bowler's rev-to-speed ratio.

How These Five Fields Work Together

PAP, axis tilt, axis rotation, rev rate, and ball speed together form a complete picture of how a bowler releases the ball and how it behaves on the lane. No single field tells the full story — the auto-suggestion engine uses all five in combination to produce layout recommendations that are genuinely tailored to the individual.

Field	What It Describes	Primary Use in Spectre Cloud
PAP	Where the ball's axis sits at release	Layout geometry anchor — required for all structured layouts

Field	What It Describes	Primary Use in Spectre Cloud
Axis tilt	How tilted the axis is at release	Distinguishes angular vs. arcing motion styles
Axis rotation	How much the ball is rotated at release	Hook potential and backend shape
Rev rate	How many revolutions per minute	Power level — influences layout strength recommendation
Ball speed	How fast the ball travels	Rev-to-speed ratio — balances rev rate recommendation

□□ Updating These Fields Over Time

All five fields can be updated at any time from the bowler's profile page. Updates take effect immediately and are used by the auto-suggestion engine from the next new spec sheet onward — existing spec sheets are not retroactively affected.

- □ Re-measure PAP at least once per season for competitive bowlers.
- □ Update rev rate and ball speed if the bowler reports a significant change in their game — a coaching programme, technique adjustment, or equipment change can all shift these values meaningfully.
- □ Axis tilt and rotation are less likely to change dramatically for established adult bowlers but should be re-evaluated if release technique is intentionally modified.

Related Sections

- 3.1.2 — Required fields: name, hand, grip type
- 3.1.4 — Optional profile fields: hand flexibility, CLT, delivery style *(if applicable)*
- 2.6.10 — Auto-Suggest Layouts: AI-based layout suggestion from bowler's profile
- 2.5.1.1 — VLS: Storm layout system for bowlers using their thumb
- 2.5.1.2 — 2LS: Storm layout system for two-handed bowlers
- 2.5.1.3 — PAL / Dual Angle system
- 4.x — Spec Sheet: entering layout values

Tip: If a bowler can only spare a few minutes for intake measurements, prioritise **PAP** above everything else — it is the single field that unlocks the most downstream functionality. The remaining four fields can be estimated initially and refined over subsequent sessions as the bowler's profile matures.

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3.1.4 Adding contact information and notes to a bowler profile

Adding contact information and notes to a bowler profile

> `3.1.4` fields

Beyond fitting measurements, a bowler profile in Spectre Cloud can store **contact information** and free-form **notes** — practical details that help a pro shop maintain a professional client relationship rather than just a drilling record. This page covers what contact and notes fields are available, how to add and update them, and how the **Bowler Plus plugin** extends the available fields for shops that need a more complete client management record.

□□ Contact Information — Core Plan

All Spectre Cloud accounts can store basic contact information on a bowler profile without any additional plugins. These fields are optional but recommended for any shop that communicates with bowlers about their equipment, appointments, or order arrivals.

Field	Notes

Email address	Useful for order notifications, appointment reminders, and follow-up communications
Phone number	Primary contact number — mobile preferred for most bowlers

Note: ⚠ *Verify with your Spectre team: confirm the exact contact fields available on the core plan profile form — whether phone and email are the only core contact fields, and whether any additional fields (e.g. a second phone number or preferred contact method) are present.*

□□ Contact Information — Bowler Plus Plugin

Users with the **Bowler Plus plugin** (`$5 USD/month`) have access to an expanded set of contact and client management fields. Bowler Plus is designed for shops that maintain a more complete client record — particularly those that communicate with bowlers by mail, run client consent programmes, or want to attach reference photos to a profile.

Field	Available On	Notes
Email address	Core + Bowler Plus	Available on all plans
Phone number	Core + Bowler Plus	Available on all plans
Full mailing address	Bowler Plus only	Street, city, state/province, postal code, country — useful for mail-order shops or prize ball shipping
Image gallery	Bowler Plus only	Attach photos to the bowler's profile — hand measurement images, fitting reference photos, or ball surface documentation
Client consent signature	Bowler Plus only	Capture a digital signature from the bowler — useful for shops that maintain a liability or service consent record

Note: Bowler Plus fields are only visible and editable while the plugin is active. If Bowler Plus is deactivated, data already entered in these fields is retained in read-only form — it will not be lost, but cannot be edited or added to until the plugin is reactivated. See Book 08 for plugin management.

□□ Notes Field

Every bowler profile includes a free-form **notes field** where anything relevant to the bowler's fitting history, preferences, or circumstances can be recorded. The notes field is unstructured — there is no required format — making it flexible enough to capture information that does not fit neatly into any other profile field.

What to Use the Notes Field For

- Fitting observations that are not captured elsewhere — for example, "*prefers a slightly tacky surface on all reactive balls*" or "*sensitive to reverse pitch — never go beyond 1/8" reverse.*"
- Physical considerations — injury history, arthritis, a surgically repaired finger, or any condition that consistently affects fitting decisions.
- Ring/middle finger size differences — flag bowlers whose insert sizes do not match so future staff know to override Auto-Repeat Insert Size (2.6.7).
- Non-standard fitting preferences — bowlers who use a bridge width other than the IBPSIA standard, or who always request a specific surface finish.
- Coaching or competitive context — league affiliation, competitive level, coach contact, or current season goals relevant to equipment decisions.
- Communication preferences — for example, "*always call, never texts*" or "*prefers to be contacted in French.*"

Tip: Write notes as if you are leaving them for a colleague who has never met this bowler. The goal is to give any staff member enough context to serve the bowler well without needing to ask the same questions every visit.

Adding Contact Information and Notes

Desktop

1. Navigate to **BOWLERS** from the top menu and open the bowler's profile.
2. Click **Edit** or navigate to the contact/notes section of the profile form. ⚠ *Verify with your Spectre team: confirm whether contact information and notes are edited inline on the profile view or via a separate edit mode.*
3. Enter or update the relevant fields — email, phone, address (Bowler Plus), and notes.
4. Save the profile. ⚠ *Verify with your Spectre team: confirm whether contact and notes fields auto-save on input or require an explicit save action.*

Mobile

1. Tap the **avatar icon** in the top navigation to access the Bowlers section.
2. Open the bowler's profile and navigate to the contact or notes section.
3. Tap to edit the relevant fields and enter the updated information.
4. Save the profile.

Data Privacy Considerations

Contact information stored in Spectre Cloud is subject to the same cloud security and data handling practices as all other account data. Shops operating in jurisdictions with data privacy regulations — such as GDPR in the European Union or PIPEDA in Canada — should ensure their use of Spectre Cloud's contact storage features is consistent with their local obligations.

- Spectre Cloud stores data securely in the cloud — contact information is accessible only to users logged into your account.
- The **client consent signature** feature in Bowler Plus is designed to support shops that maintain a documented consent record for their client data or fitting services.
- For questions about data handling, retention, and privacy compliance, contact the BowlDevs team at `spectrebowling.com`. ⚠ *Verify with your Spectre team: confirm the appropriate contact channel and any published privacy documentation relevant to this section.*

☁ Contact and Notes Data Syncs in Real Time

Contact information and notes added to a bowler profile are immediately available across all devices on your account. A note added at the front counter is visible at the drill press without any manual sync.

- All contact and notes fields sync in real time across devices.
- Multi-location shops: bowler contact information and notes are accessible at all locations on the same account. ⚠ *Verify with your Spectre team: confirm multi-location data sharing scope, consistent with the question carried across 2.6.1 and 3.1.1.*

Related Sections

- 3.1.3 — Optional profile fields: PAP, axis tilt, axis rotation, rev rate, ball speed
- 3.1.2 — Required fields: name, hand, grip type
- 3.1.1 — Creating your first bowler profile
- 3.1.5 — Editing and updating a bowler profile *(if applicable)*
- 2.6.7 — Auto-Repeat Insert Size: mirror size from ring to middle finger
- 8.x — Account and Business: managing plugins and billing
- 8.x — Account and Business: Bowler Plus plugin

Tip: The notes field is one of the most underused features in any client management system — and one of the most valuable. A well-maintained set of bowler notes means any staff member can pick up a fitting conversation where another left off, without the bowler having to repeat themselves. Make adding a note after every significant fitting interaction a shop habit from day one.

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3.1.5 Desktop vs. mobile steps for creating a bowler

Desktop vs. mobile steps for creating a bowler

> 3.1.5 UI

Creating a bowler profile in Spectre Cloud follows the same logical sequence on every device — but the navigation, layout, and controls differ between the **desktop** and **mobile** interfaces. This page provides a side-by-side reference for both experiences, so staff working on any device can complete the process confidently without switching between instructions.

Note: This page focuses on the step-by-step navigation for creating a new bowler profile. For a full explanation of each profile field and what to enter, see **3.1.2** (required fields) and **3.1.3–3.1.4** (optional fields). This page assumes you have already read those pages and are ready to work through the creation steps on your device.

□□ Creating a Bowler — Desktop

On desktop, the Bowlers section is accessible directly from the top navigation bar. The profile creation form typically presents fields in a multi-column layout, making it possible to complete the full intake in a single view without extensive scrolling.

1. From any screen, click **BOWLERS** in the top navigation menu. The bowler list opens.
2. Click the **New Bowler** button — typically located in the upper right of the bowler list view.
   ⚠ *Verify with your Spectre team: confirm the exact label and position of the new bowler button in the current desktop UI.*

3. The new bowler form opens. Enter the bowler's **full name** in the name field.
4. Select the bowler's **dominant hand** — Right or Left.
5. Select the bowler's **grip type** — Fingertip, Conventional, or Semi-Fingertip.
6. Enter any **contact information** available — email and/or phone number.
7. Enter any **optional fitting measurements** available — PAP, axis tilt, axis rotation, rev rate, ball speed, hand flexibility, CLT. Leave blank any fields not yet measured.
8. Add any relevant **notes** in the notes field.
9. Click **Save** to create the profile. The bowler's profile page opens immediately. ⚠ *Verify with your Spectre team: confirm the exact save button label and whether the user is taken to the new profile page or back to the bowler list after saving.*

Desktop Tips

- The multi-column desktop layout lets you see all sections of the form simultaneously — use this to confirm all intended fields have been filled before saving.
- Tab key navigation moves focus between fields in sequence — useful for moving quickly through the form during a busy fitting session.
- If the bowler is standing at the counter, the desktop form is large enough to face toward them for confirmation of name spelling and contact details.

Creating a Bowler — Mobile

On mobile, the Bowlers section is accessed via the **avatar icon** in the top navigation area rather than a labelled text button. The profile creation form presents fields in a single scrolling column — all the same fields are available, but the layout adapts to the narrower screen.

1. From any screen, tap the **avatar icon** in the top navigation area. ⚠ *Verify with your Spectre team: confirm the exact position and appearance of the avatar icon in the current mobile UI — top left, top right, or other location.*
2. The bowler list opens. Tap the **New Bowler** button or the **+** icon. ⚠ *Verify with your Spectre team: confirm the exact label and appearance of the new bowler control in the mobile UI.*
3. The new bowler form opens as a scrolling single-column view. Enter the bowler's **full name**.
4. Select the bowler's **dominant hand**.
5. Select the bowler's **grip type**.
6. Scroll down to enter **contact information** and any available **fitting measurements**.
7. Add any relevant **notes**.
8. Tap **Save** to create the profile. ⚠ *Verify with your Spectre team: confirm whether the save button is fixed at the bottom of the screen on mobile or appears at the end of the scrolling form.*

Mobile Tips

- 📱 On a phone or small tablet, complete only the required fields and key measurements during the fitting — the profile can be filled in more fully on desktop later.
- 🔄 Landscape orientation gives a slightly wider form view on tablets — useful when entering multiple measurement fields.
- ⌨️ If the keyboard is covering input fields, scroll up slightly after tapping a field to ensure the label is visible above the keyboard.
- 📐 A minimum 8" screen is recommended for the most comfortable Spectre Cloud experience — on smaller phones some fields may require extra scrolling.

🖥️📱 Desktop vs. Mobile — Side-by-Side Reference

	🖥️ **Desktop**	📱 **Mobile**
Access Bowlers	Click **BOWLERS** in top nav	Tap **avatar icon** in top nav
Start new bowler	**New Bowler** button, upper right	**New Bowler** or **+** icon
Form layout	Multi-column — most fields visible at once	Single scrolling column
Field navigation	Tab key or mouse click	Tap each field; scroll between sections
Save action	**Save** button	**Save** button — fixed or end of form
After saving	Opens new profile page *(verify)*	Opens new profile page *(verify)*
Best for	Full intake — all fields in one session	Quick intake — required fields first, complete later

☁️ The Profile Is Immediately Available on All Devices

Regardless of which device is used to create the profile, it is available across all devices on the account the moment it is saved. A profile created on a phone at the lane is visible on the desktop at the counter — and vice versa — with no manual sync required.

- □ Create the profile on whichever device is closest — the device used makes no difference to the result.
- □ Begin a spec sheet on a different device immediately after saving the profile — the bowler record will already be there.

□□ Starting a Spec Sheet Immediately After Profile Creation

In most fitting sessions, creating a bowler profile is immediately followed by opening a first spec sheet. Spectre Cloud allows this transition without returning to the bowler list — from the newly created profile page, a new spec sheet can be started directly.

1. After saving the new profile, remain on the bowler's profile page.
2. Click or tap **New Spec Sheet** to begin the first spec sheet for this bowler. ⚠ *Verify with your Spectre team: confirm the exact label and location of the new spec sheet button on the bowler profile page, on both desktop and mobile.*
3. The spec sheet form opens with the bowler's profile data — grip type, dominant hand, and any entered measurements — already available to drive auto-suggestions.

Tip: On a busy shop floor, the fastest path from a new bowler walking in to a completed spec sheet is: create the profile with required fields only → start the spec sheet → fill in optional measurements as the fitting progresses. Spectre Cloud's auto-suggestions will improve in real time as measurements are added during the session — you do not need a complete profile before opening a spec sheet.

Related Sections

- 3.1.4 — Adding contact information and notes to a bowler profile
- 3.1.3 — Optional profile fields: PAP, axis tilt, axis rotation, rev rate, ball speed
- 3.1.2 — Required fields: name, hand, grip type
- 3.1.1 — Creating your first bowler profile
- 3.1.6 — Editing an existing bowler profile *(if applicable)*
- 4.x — Spec Sheet: creating a first spec sheet

Tip: If your shop uses a tablet at the drill press and a desktop at the counter, consider a division of responsibility: front-of-house staff create and maintain profiles on desktop where the full multi-column form is easiest to navigate, while drill press staff open and review spec sheets on the tablet. Both devices access the same data — the workflow division is purely about which form factor suits each task best.

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3.2 — Managing Bowler Profiles

3.2.1 Searching and filtering the bowler list

Searching and filtering the bowler list

> `3.2.1` manage

As a pro shop's client base grows, the ability to find the right bowler profile quickly becomes increasingly important. Spectre Cloud's **bowler list** includes search and filter tools that let you locate any profile in seconds — whether you are looking for a specific bowler by name, filtering by grip type for a bulk update, or reviewing recently active clients before a busy session. This page covers how search and filtering work on both desktop and mobile.

□□ Searching for a Bowler by Name

The quickest way to find a specific bowler is to search by name. The search field is available at the top of the bowler list on both desktop and mobile.

□□ Desktop

1. Click **BOWLERS** in the top navigation menu to open the bowler list.
2. Click the **search field** at the top of the list. ⚠ *Verify with your Spectre team: confirm the exact position and label of the search field in the current desktop bowler list UI.*
3. Begin typing the bowler's name. The list filters in real time as you type — you do not need to press Enter or click a search button.
4. Click the bowler's name in the filtered list to open their profile.

□□ Mobile

1. Tap the **avatar icon** in the top navigation to open the bowler list.
2. Tap the **search field** at the top of the list.
3. Begin typing the bowler's name. The list filters in real time.
4. Tap the bowler's name to open their profile.

Tip: You do not need to type the bowler's full name — even two or three characters will narrow the list significantly in a large bowler base. If your shop uses Last, First name format, typing the last name produces the most targeted results.

□□ How the Search Works

Spectre Cloud's bowler search matches against the bowler's name as stored in the profile. A few practical points to keep in mind:

- □ Search is **case-insensitive** — typing `smith` will find `Smith`, `SMITH`, and `smith`.
- □ Search matches from the **beginning of any word** in the name — typing `jo` will find `John Smith`, `Jo Williams`, and `Smith, John`. ⚠ *Verify with your Spectre team: confirm whether search matches from the start of any word, the start of the full name only, or anywhere within the name string.*
- □ Partial matches are supported — you do not need to type a complete first or last name.
- □ Search does not currently extend to contact information fields such as email or phone number — use name search only. ⚠ *Verify with your Spectre team: confirm whether search is limited to name only or whether other profile fields are also searchable.*

□□ Filtering the Bowler List

In addition to name search, the bowler list can be filtered by one or more profile attributes. Filters are useful when you need to work with a specific subset of your bowler base rather than find a single individual.

Filter	Options	Use Case
Dominant hand	Right, Left	Review all left-handed bowlers; check pitch conventions before a batch of LH fittings
Grip type	Fingertip, Conventional, Semi-Fingertip	Filter conventional grip bowlers when reviewing bridge or insert settings

Filter	Options	Use Case
Recent activity	Last 7 days, 30 days, 90 days *(verify)*	Identify recently active clients before a busy tournament period or league season
Alphabetical	A–Z, Z–A	Default sort for large bowler lists; useful when browsing rather than searching

Note: ⚠ *Verify with your Spectre team: confirm the complete set of available filter and sort options in the current bowler list UI, and update this table to reflect the actual options accurately before publishing.*

□□ Applying a Filter

□□ Desktop

1. Open the bowler list via **BOWLERS** in the top navigation.
2. Locate the filter controls — typically a dropdown or filter panel near the top of the list. ⚠ *Verify with your Spectre team: confirm the exact location and form of the filter controls in the current desktop UI.*
3. Select the desired filter option. The list updates immediately to show only matching profiles.
4. To combine search with a filter, enter a name in the search field while a filter is active — the results will match both criteria simultaneously.
5. To clear a filter, deselect the option or click a **Clear Filters** button if present. ⚠ *Verify with your Spectre team: confirm how filters are cleared in the desktop UI.*

□□ Mobile

1. Open the bowler list via the **avatar icon**.
2. Locate the filter control — typically a filter icon or dropdown near the top of the list. ⚠ *Verify with your Spectre team: confirm the exact appearance and location of filter controls in the mobile UI.*
3. Select the desired filter. The list updates in real time.
4. To clear the filter, tap the filter control again and deselect the active option.

□□ Search and Filter Together

Search and filter can be used simultaneously for precise list narrowing. For example, filtering by **Left** hand and searching for **"Williams"** will show only left-handed bowlers with "Williams" in their name. This combination is useful in large shops where common names might return many results without an additional filter.

- □ Apply a filter first to narrow the list by attribute, then search within the filtered results.
- □ Alternatively, search first and apply a filter to the results if the name search alone returns too many matches.
- □ Both search and filter clear independently — clearing the search field restores the full filtered list; clearing the filter restores the full search results.

□□ Bowler Not Found — What to Check

If a search returns no results for a bowler you believe exists in the system, work through the following checks before creating a duplicate profile:

1. **Check the spelling** — try the first few letters of the last name only, or the first name only, in case the profile was saved under a different spelling or format.
2. **Check name format** — if your shop uses Last, First format for some profiles and First Last for others, try both variations.
3. **Clear any active filters** — a filter may be hiding the profile from the current view. Clear all filters and search again.
4. **Try a nickname or preferred name** — if the bowler is known by a name different from their legal name, search for the version most likely to have been entered.
5. **Check for inactive or archived profiles** — if Spectre Cloud supports archiving bowler profiles, the record may be hidden from the default list view. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud supports archiving or hiding bowler profiles, and whether archived profiles are excluded from default search results.*

Note: If the bowler cannot be found after all of the above checks, they may not yet have a profile in the system — proceed with creating a new profile as described in 3.1.1.

□□ Multi-Location Shops

For shops managing multiple locations under a single Spectre Cloud account, the bowler list displays profiles from across all locations. The search and filter tools work across the full combined list. ⚠ *Verify with your Spectre team: confirm whether the bowler list in a multi-location account shows all profiles from all locations by default, or whether it is filtered by location with a manual option to view all.*

- A bowler fitted at one location can be found and accessed by any other location on the same account.
- Where relevant, the bowler's profile notes can record which location primarily serves them — useful for shops where bowlers have a "home" location but may visit others.

Related Sections

- 3.1.1 — Creating your first bowler profile
- 3.1.5 — Desktop vs. mobile steps for creating a bowler
- 3.2.2 — Editing an existing bowler profile *(if applicable)*
- 3.2.3 — Archiving or deleting a bowler profile *(if applicable)*
- 4.x — Spec Sheet: opening a spec sheet for an existing bowler

Tip: In a busy shop, the few seconds saved by finding a bowler profile quickly adds up across dozens of fittings per week. Establishing a consistent name format convention from the start (see 3.1.2) is the single most effective way to ensure search always returns the right result on the first attempt.

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3.2.2 Editing a bowler profile

Editing a bowler profile

3.2.2 manage

Bowler profiles in Spectre Cloud are living records — they should be updated as a bowler's measurements, contact details, grip preferences, or physical circumstances change over time. This page covers how to open and edit an existing bowler profile on both desktop and mobile, which fields can be changed, and what to be aware of when updating fields that drive auto-suggestions or affect existing spec sheets.

□□ Opening a Profile for Editing

□□ Desktop

1. Click **BOWLERS** in the top navigation menu to open the bowler list.
2. Search or scroll to find the bowler — see **3.2.1** for search and filter guidance.
3. Click the bowler's name to open their profile page.
4. Click the **Edit** button to enter edit mode. ⚠ *Verify with your Spectre team: confirm whether the profile uses an explicit Edit button and save action, or whether fields are editable inline with auto-save on change.*
5. Make the required changes to any profile fields.
6. Click **Save** to apply the changes. ⚠ *Verify with your Spectre team: confirm the exact save action and whether a confirmation message is shown after saving.*

□□ Mobile

1. Tap the **avatar icon** in the top navigation to open the bowler list.
2. Search or scroll to find the bowler.

3. Tap the bowler's name to open their profile.
4. Tap the **Edit** button or tap directly on the field you wish to update. ⚠ *Verify with your Spectre team: confirm the edit interaction on mobile — explicit edit mode vs. inline tap-to-edit.*
5. Make the required changes, scrolling through sections as needed.
6. Tap **Save** to apply the changes.

□□ What Can Be Edited

All profile fields can be edited after a profile is created — including the three required fields covered in 3.1.2. The table below summarises the key fields, whether changes affect existing spec sheets, and any considerations to keep in mind when updating.

Field	Editable	Effect on Existing Spec Sheets	Notes
Name	Yes	Updates everywhere — spec sheets, arsenal, history	Correct spelling errors or name changes immediately
Dominant hand	Yes	Does not retroactively update existing spec sheets	Manually review existing spec sheets after a handedness correction — lateral pitch values may need updating
Grip type	Yes	Does not retroactively update existing spec sheets	Autofill defaults recalibrate for new spec sheets only — existing sheets retain original values
PAP	Yes	Does not retroactively update existing spec sheets	Updated PAP is used by Auto-Suggest Layouts on all new spec sheets from the point of update
Axis tilt / rotation	Yes	Does not retroactively update existing spec sheets	Update when release technique changes meaningfully
Rev rate / ball speed	Yes	Does not retroactively update existing spec sheets	Update when a coaching programme or technique change shifts these values
Hand flexibility	Yes	Does not retroactively update existing spec sheets	Updated value recalibrates Pitch Suggestion (2.6.2) for new spec sheets
CLT	Yes	Does not retroactively update existing spec sheets	Updated value recalibrates Auto-CLT (2.6.3) for new spec sheets

Field	Editable	Effect on Existing Spec Sheets	Notes
Contact information	Yes	No effect on spec sheets	Update freely — contact fields are independent of fitting data
Notes	Yes	No effect on spec sheets	Add to notes at any time — notes are append-friendly
Bowler Plus fields	Yes, if plugin active	No effect on spec sheets	Address, image gallery, and consent signature editable while Bowler Plus is active

Note: ⚠ *Verify with your Spectre team: confirm the complete behaviour of name changes — specifically whether updating a bowler's name propagates to existing saved spec sheets and printed records, or only to the profile and future documents.*

⚠ Editing Fields That Drive Auto-Suggestions

Several profile fields directly power Spectre Cloud's auto-suggestion features. When these fields are updated, the change takes effect on all new spec sheets created after the update — but it does not alter any spec sheet that has already been saved. This is intentional: historical spec sheets should reflect the measurements that were current at the time of drilling, not retroactively corrected values.

- □ After updating PAP, grip type, hand flexibility, or CLT — open a test spec sheet to confirm that auto-suggestions are firing with the new values before beginning a real fitting session.
- □ If a profile measurement was incorrect and has now been corrected, note the correction and the date in the bowler's notes field — this provides context if historical spec sheets are reviewed later and the values appear inconsistent.
- □ For competitive bowlers whose measurements change seasonally, consider dating entries in the notes field — for example, "*PAP updated March 2025 following coaching programme.*"

□□ Special Case: Correcting Dominant Hand

Correcting a bowler's dominant hand — for example, if it was accidentally recorded as Right when the bowler is Left-handed — requires particular care. Handedness affects lateral pitch sign conventions, Auto-Invert behaviour, and layout geometry orientation. Correcting it on the profile does not automatically fix any spec sheets already saved under the wrong handedness.

1. Update the dominant hand field on the profile and save.
2. Open each existing spec sheet for this bowler and manually review all lateral pitch values — they may need to be inverted to reflect the correct hand.
3. Review any layout values on existing spec sheets — layout orientation is hand-specific and may also be affected.
4. Add a note to the bowler's profile recording the correction and the date, so future staff understand why early spec sheets may show inverted pitch values. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud flags or highlights spec sheets created under an incorrect handedness setting after a dominant hand correction is made.*

□□ Updating Notes — Best Practices

The notes field is one of the most frequently updated parts of a bowler profile. Unlike structured measurement fields, notes accumulate over time — each entry adds context to the bowler's history rather than replacing it.

- □ Add a date to each note entry — for example, "*May 2025 — bowler reports ring finger swelling; increased forward pitch to 3/8*"."
- □ Record the reason for any measurement change, not just the new value — future staff will benefit from knowing why a value was updated, not just what it was changed to.
- □ Keep notes concise but complete — a single well-written sentence is more useful than a vague single word or an overly long paragraph.
- □ If a bowler's preferences change significantly — new grip style, new insert brand, different surface finish philosophy — lead the notes update with the change and its context so it is visible at the top of the field on next visit. ⚠ *Verify with your Spectre team: confirm whether the notes field displays entries in chronological order with the most recent at the top, or appends new entries at the bottom.*

☁ Changes Sync Immediately

All profile edits are saved to the cloud and available across all devices on the account as soon as the save action is completed. There is no manual sync step — a measurement updated on a tablet at the drill press is immediately reflected on the desktop at the front counter.

- Changes take effect for auto-suggestions on any device from the point of save.
- Multi-location shops: profile edits are visible at all locations on the account immediately. ⚠ *Verify with your Spectre team: confirm multi-location sync behavior for profile edits, consistent with the question carried from 2.6.1 through 3.2.1.*

Related Sections

- 3.2.1 — Searching and filtering the bowler list
- 3.1.4 — Adding contact information and notes to a bowler profile
- 3.1.3 — Optional profile fields: PAP, axis tilt, axis rotation, rev rate, ball speed
- 3.1.2 — Required fields: name, hand, grip type
- 3.2.3 — Archiving or deleting a bowler profile *(if applicable)*
- 2.6.4 — Auto-invert standard lateral pitches when changing from RH to LH
- 4.x — Spec Sheet: opening a spec sheet for an existing bowler

Tip: Treat a bowler's profile as a conversation log as much as a measurement record. The most useful profiles are not just the ones with the most accurate numbers — they are the ones where notes tell the story of how the bowler's fit has evolved, why changes were made, and what to watch for next time. A two-minute notes update after each fitting session pays off on every visit that follows.

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3.2.3 Deleting a bowler profile

Deleting a bowler profile

> 3.2.3 manage

Spectre Cloud allows bowler profiles to be permanently deleted from your account. Deletion removes the profile and all associated data — spec sheets, arsenal records, layout history, and contact information — and cannot be undone. This page covers when deletion is appropriate, how to complete the process on desktop and mobile, and what alternatives to consider before committing to a permanent delete.

□□ **Important:** Deleting a bowler profile is a **permanent, irreversible action**. All spec sheets, drilling records, arsenal entries, and profile data associated with the bowler will be removed from your account and cannot be recovered. If there is any possibility the record will be needed in future, consider the alternatives described on this page before proceeding.

□□ Before You Delete — Consider the Alternatives

Permanent deletion is rarely the right first choice. In most situations where a profile is no longer actively needed, one of the following alternatives preserves the historical record while keeping the bowler list manageable.

Situation	Recommended Alternative	Why
Bowler has not visited in years	Leave the profile — inactive profiles do not affect performance	The bowler may return; their spec history is valuable if they do

Situation	Recommended Alternative	Why
Duplicate profile created in error	Merge or delete the empty duplicate — retain the one with data	Deletion is appropriate here if the duplicate has no spec sheets attached
Bowler profile contains sensitive data to be removed	Edit the profile to remove contact information and notes	Preserves the drilling record while removing personal data
Test or training profile created during setup	Delete — these profiles have no real drilling history to preserve	Deletion is appropriate; clutter from test profiles affects search results
Bowler has passed away	Edit contact fields to remove personal data; retain drilling history	Spec history may be useful for family members purchasing memorial equipment

Note: ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud supports an archive or deactivate function that hides a profile from the active bowler list without permanently deleting it — if so, this is the preferred alternative for most inactive profile scenarios and should be documented here.*

□□ Deleting a Bowler Profile — Desktop

1. Click **BOWLERS** in the top navigation menu to open the bowler list.
2. Search or scroll to find the bowler — see **3.2.1** for search guidance.
3. Click the bowler's name to open their profile page.
4. Locate the **Delete** option — typically found in a settings menu, an overflow menu (⋮), or at the bottom of the profile page. ⚠ *Verify with your Spectre team: confirm the exact location and label of the delete control in the current desktop UI.*
5. Click **Delete**. A confirmation dialog will appear summarising what will be permanently removed. ⚠ *Verify with your Spectre team: confirm the exact wording and content of the confirmation dialog — specifically whether it lists the number of associated spec sheets and arsenal entries that will be deleted.*
6. Read the confirmation carefully. If you are certain, confirm the deletion. If not, cancel and consider the alternatives above.
7. The profile and all associated data are permanently removed. You are returned to the bowler list.

□□ Deleting a Bowler Profile — Mobile

1. Tap the **avatar icon** in the top navigation to open the bowler list.
2. Search or scroll to find the bowler and tap their name to open the profile.
3. Locate the **Delete** option — typically in a settings menu or overflow menu on the profile page. ⚠ *Verify with your Spectre team: confirm the exact location and label of the delete control in the current mobile UI.*
4. Tap **Delete**. A confirmation dialog appears.
5. Read the confirmation and confirm the deletion if certain. The profile and all associated data are permanently removed.

□□ What Is Deleted — Complete List

When a bowler profile is deleted, the following data is permanently removed from your Spectre Cloud account:

- □ The bowler's **profile record** — name, dominant hand, grip type, and all profile fields.
- □ All **contact information** — email, phone, and Bowler Plus fields (address, consent signature, image gallery).
- □ All **spec sheets** associated with the bowler — every drilling record, pitch value, span measurement, layout, and notes entry.
- □ All **arsenal entries** — every ball recorded in the bowler's arsenal, including ball details, surface notes, and Job Board records if applicable.
- □ All **layout history** — every layout recorded across all spec sheets.
- □ All **fitting measurements** — PAP, axis tilt, rotation, rev rate, ball speed, hand flexibility, CLT, and all other profile measurements.
- □ All **profile notes**.

Note: ⚠ *Verify with your Spectre team: confirm the complete list of data removed on profile deletion — specifically whether Job Board records, consent signatures, and Bowler Plus image gallery entries are included, and whether any data is retained in any form after deletion.*

□□ What Is Not Affected by Deletion

Deleting a bowler profile affects only that bowler's data. No other account data is changed.

- □ All other bowler profiles remain intact and unaffected.
- □ Account settings, plugin configurations, and shop-level preferences are not changed.
- □ Billing and subscription information is not affected — deleting a profile does not alter your plan or charges.

⚠ There Is No Undo

Spectre Cloud does not offer a recovery option for deleted bowler profiles. Once the deletion is confirmed, the data is gone. There is no recycle bin, no soft delete, and no way to restore the record through the app.

- Deleted profiles cannot be recovered through Spectre Cloud's UI.
- BowlDevs support cannot guarantee recovery of deleted profile data — do not delete under the assumption that support can restore it if needed.
- If data recovery after accidental deletion is a concern for your shop, consider exporting or printing key spec sheets before deleting any profile. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud supports spec sheet export or printing, and document the correct export path here or in a cross-reference to the relevant page.*

Multi-Location and Multi-Staff Considerations

In shops with multiple staff members or multiple locations, deletion of a bowler profile affects all users and locations on the account immediately — there is no per-location scope for profile deletion.

- Consider restricting profile deletion to account owners or senior staff to prevent accidental removal of shared client records. ⚠ *Verify with your Spectre team: confirm whether Spectre Cloud supports role-based permissions that restrict which users can delete bowler profiles.*
- In multi-location environments, confirm with all relevant locations before deleting a shared client's profile — the bowler may be actively served at another location.
- If a bowler's profile is deleted in error in a multi-staff shop, contact BowlDevs support at `spectrebowling.com` as soon as possible — while recovery cannot be guaranteed, prompt contact gives the best chance of any available remediation. ⚠ *Verify with your Spectre team: confirm the correct support contact channel and response time expectation for accidental deletion cases.*

Related Sections

- 3.2.2 — Editing a bowler profile
- 3.2.1 — Searching and filtering the bowler list
- 3.1.1 — Creating your first bowler profile
- 8.x — Account and Business: user roles and permissions

- 9.x — Tips and Troubleshooting: accidental deletion and data recovery

Tip: The safest deletion policy for most shops is a simple rule: only delete profiles that were created in error and have no associated spec sheets. For every other scenario — inactive bowlers, deceased clients, lapsed members — leave the profile in place or remove personal contact data while retaining the drilling history. Storage of inactive profiles has no performance cost in Spectre Cloud, and a returning bowler's spec history is far more valuable than a slightly shorter bowler list.

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3.2.4 Viewing a bowler's complete spec sheet history

Viewing a bowler's complete spec sheet history

> 3.2.4 manage

Every spec sheet ever saved for a bowler in Spectre Cloud is retained in their **spec sheet history** — a chronological record of every ball drilled, every measurement recorded, and every layout applied since the profile was created. This page covers how to access and navigate a bowler's spec sheet history on desktop and mobile, what information is visible in the history view, and how to use historical records to inform current and future fittings.

□□ What the Spec Sheet History Contains

A bowler's spec sheet history is a complete drilling record. Each entry in the history represents a single spec sheet — one ball, one fitting session — and contains the full set of values recorded at that time.

- □ **Ball details** — make, model, surface, and any other ball information recorded on the sheet.
- □ **Span measurements** — middle and ring finger spans, span type (Full, Edge, Center), and Cut to Cut where recorded.

- **Pitch values** — forward/reverse and lateral pitch for both thumb and fingers, including any added pitch.
- **Insert details** — insert type, OD, bridge, and finger sizes.
- **Layout** — the layout type and all associated values (VLS, 2LS, Dual Angle, or manual entry).
- **Oval measurements** — oval width, diff, and movement direction values where applicable.
- **Notes** — any notes recorded on the spec sheet at the time of drilling.
- **Date** — the date the spec sheet was created or last saved. ⚠ *Verify with your Spectre team: confirm whether spec sheets display the creation date, the last-saved date, or both.*

Note: ⚠ *Verify with your Spectre team: confirm the complete list of fields displayed in the spec sheet history view — specifically whether all spec sheet fields are visible in the history list, or whether a summary view shows key fields only with a detail view available on tap/click.*

Accessing Spec Sheet History — Desktop

1. Click **BOWLERS** in the top navigation menu and open the bowler's profile.
2. Navigate to the **Spec Sheets** section of the profile — typically a tab, panel, or linked section on the profile page. ⚠ *Verify with your Spectre team: confirm the exact location and label of the spec sheet history section within the bowler profile on desktop.*
3. The spec sheet history list opens, showing all spec sheets saved for this bowler in reverse chronological order — most recent first. ⚠ *Verify with your Spectre team: confirm the default sort order of the spec sheet history list.*
4. Click any spec sheet entry to open the full spec sheet detail view.
5. Use the **Back** button or breadcrumb navigation to return to the history list after viewing a sheet.

Accessing Spec Sheet History — Mobile

1. Tap the **avatar icon** in the top navigation to open the bowler list.
2. Tap the bowler's name to open their profile.
3. Scroll to or tap the **Spec Sheets** section of the profile. ⚠ *Verify with your Spectre team: confirm the exact location and label of the spec sheet history section on the mobile profile view.*

4. The history list opens. Tap any entry to open the full spec sheet detail view.
5. Use the back navigation to return to the history list.

□□ Reading the History List

The spec sheet history list presents each entry as a summary row or card. The information visible at the list level — before opening an individual sheet — typically includes the most identifying details at a glance.

Field Visible in List	Why It Helps
Ball make and model	Identifies which ball the sheet belongs to without opening it
Date	Establishes the chronological sequence of the bowler's drilling history
Layout type	Indicates at a glance which layout system was used — VLS, 2LS, Dual Angle, or None
Span type	Shows Full, Edge, or Center — useful for confirming measurement convention consistency across balls
Notes indicator	Flags whether the spec sheet has notes attached — prompts the fitter to open and review before a new fitting

Note: ⚠ *Verify with your Spectre team: confirm exactly which fields are displayed in the spec sheet history list view (summary level) vs. the full spec sheet detail view, and update this table accordingly.*

□□ Using History to Inform a Current Fitting

A bowler's spec sheet history is one of the most practical tools available during a fitting session. Before starting a new spec sheet, reviewing the history takes less than a minute and surfaces information that directly improves the quality of the new fitting.

- □ **Confirm current measurements** — verify that spans, pitches, and insert sizes match what was drilled last time before accepting auto-suggested values.
- □ **Check for measurement evolution** — compare two or three recent sheets to identify trends — a forward pitch that has been incrementally increased over several balls, for example, may warrant a conversation about whether further adjustment is needed.

- **Review layout history** — identify which layouts have been drilled previously and how they performed. For bowlers with notes on ball motion, the history provides a reference point for the current fitting conversation.
- **Spot non-standard values** — a bowler with a non-standard bridge or a specific insert preference may have that detail buried in an older sheet rather than in their profile notes. A quick history scan surfaces it.
- **Identify the most recently drilled ball** — for returning bowlers, the most recent spec sheet is the strongest predictor of what the current fitting should look like.

Cloning a Spec Sheet from History

Any spec sheet in the history can be cloned to create a new spec sheet pre-populated with the same values. Cloning from history is the fastest way to start a new fitting for a returning bowler whose measurements have not changed significantly.

1. Open the spec sheet you want to clone from the history list.
2. Select the **Clone** option. ⚠ *Verify with your Spectre team: confirm the exact location and label of the clone control within the spec sheet detail view.*
3. A new spec sheet opens pre-populated with all values from the cloned sheet.
4. Update the ball details and any measurements that have changed.
5. Review all auto-suggested and cloned values before saving — do not assume all values are unchanged without physically verifying. ⚠ *Verify with your Spectre team: confirm which fields are included in the clone and whether any fields are intentionally excluded or reset on clone.*
6. Save the new spec sheet. It will appear at the top of the bowler's history.

Tip: Cloning is faster than starting from scratch but carries a risk — values that have changed since the last fitting may be accepted without review if the fitter assumes everything is the same. Always physically verify spans and pitches against the bowler's hand before saving a cloned sheet, even if the values look correct.

Sorting and Filtering the History List

For bowlers with a long drilling history — competitive bowlers who get several new balls per season — the history list may contain dozens of entries. Sorting and filtering tools help locate specific records without scrolling through the full list.

- **Sort by date** — most recent first (default) or oldest first. ⚠ *Verify with your Spectre team: confirm the available sort options for the spec sheet history list.*
- **Filter by layout type** — show only Dual Angle sheets, for example, when reviewing layout history for a competitive bowler. ⚠ *Verify with your Spectre team: confirm whether layout type filtering is available on the spec sheet history list.*
- **Filter by ball make or model** — useful when a bowler has drilled multiple balls from the same manufacturer and wants to compare spec sheets. ⚠ *Verify with your Spectre team: confirm whether ball make/model filtering is available.*

Printing or Exporting a Spec Sheet from History

Individual spec sheets can be printed or exported directly from the history view. This is useful for providing a bowler with a copy of their drilling record, or for maintaining a paper backup of key spec sheets.

- Open the spec sheet from the history list and locate the **Print** or **Export** option. ⚠ *Verify with your Spectre team: confirm whether print and export are available from the spec sheet detail view, the formats supported (PDF, print), and the exact location of these controls.*
- Printed spec sheets include all values recorded on the sheet at the time of printing.
- For shops that maintain paper records alongside Spectre Cloud, printing from history provides an accurate archive copy.

☁ History Is Available Across All Devices

A bowler's complete spec sheet history is stored in the cloud and accessible on any device logged into the account. There is no partial history on any device — every spec sheet ever saved is available everywhere, immediately.

- History accessed on a tablet at the drill press is identical to history viewed on a desktop at the counter.
- Multi-location shops: a bowler's full history — including sheets created at other locations — is visible from any location on the account. ⚠ *Verify with your Spectre team: confirm whether spec sheet history is fully shared across locations on a multi-location account, resolving the data sharing question carried from 2.6.1 through 3.2.2.*

Related Sections

- 3.2.3 — Deleting a bowler profile
- 3.2.2 — Editing a bowler profile
- 3.2.1 — Searching and filtering the bowler list
- 4.x — Spec Sheet: creating a new spec sheet
- 4.x — Spec Sheet: cloning an existing spec sheet
- 7.x — Arsenal: viewing ball history alongside spec sheets

Tip: For competitive bowlers who drill several balls per season, encourage them to ask for a history review at every fitting visit. Showing a bowler the progression of their measurements over time — how their pitch has evolved, how their layouts have developed — builds trust, demonstrates the value of a professional fitting record, and often surfaces equipment decisions that might otherwise be missed.

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3.2.5 Viewing a bowler's full arsenal (all balls on file)

Viewing a bowler's full arsenal (all balls on file)

> 3.2.5 manage

A bowler's **arsenal** is the complete collection of bowling balls associated with their profile in Spectre Cloud — every ball they own, have drilled, or have on record with your shop. The arsenal view gives the fitter, the drill press operator, and the bowler themselves a single place to see all equipment on file: ball details, surface status, linked spec sheets, and layout history. This page covers how to access and read the arsenal view on desktop and mobile, and how to use it during a fitting session.

□□ What the Arsenal View Shows

Each ball in the arsenal is represented as an entry containing the key details recorded for that ball. The information visible at the arsenal list level — before opening an individual ball record — gives a quick overview of the bowler's current equipment.

- □ **Ball make and model** — the manufacturer and model name of each ball on file.
- □ **Surface status** — the current surface finish recorded for the ball, where entered.
- □ **Linked spec sheet** — each ball in the arsenal is linked to the spec sheet from which it was created, giving direct access to the full drilling record. ⚠ *Verify with your Spectre team: confirm whether each arsenal entry links to a single spec sheet or can reference multiple spec sheets if the ball has been redrilled.*

- **Layout summary** — the layout type and key values recorded for the ball, visible without opening the full spec sheet.
- **Date added** — when the ball was added to the arsenal record. ⚠ *Verify with your Spectre team: confirm whether the arsenal entry shows the date the ball was added to the arsenal, the date the linked spec sheet was created, or both.*

Note: ⚠ *Verify with your Spectre team: confirm the complete set of fields visible at the arsenal list level vs. the individual ball detail view, and update this section accordingly.*

Accessing the Arsenal View — Desktop

1. Click **BOWLERS** in the top navigation menu and open the bowler's profile.
2. Navigate to the **Arsenal** section of the profile — typically a tab or panel alongside the spec sheet history section. ⚠ *Verify with your Spectre team: confirm the exact location and label of the arsenal section within the bowler profile on desktop.*
3. The arsenal list opens, showing all balls on file for this bowler.
4. Click any ball entry to open the full ball detail view — including the linked spec sheet, surface history, and any Job Board records if the plugin is active.
5. Use the **Back** button or breadcrumb navigation to return to the arsenal list.

Accessing the Arsenal View — Mobile

1. Tap the **avatar icon** in the top navigation to open the bowler list.
2. Tap the bowler's name to open their profile.
3. Scroll to or tap the **Arsenal** section of the profile. ⚠ *Verify with your Spectre team: confirm the exact location and label of the arsenal section on the mobile profile view.*
4. The arsenal list opens. Tap any ball entry to view its full details.
5. Use the back navigation to return to the arsenal list.

Reading the Arsenal List

The arsenal list is designed to give a complete picture of a bowler's equipment at a glance. A well-maintained arsenal tells the fitter not just what balls the bowler has, but what roles those balls fill and how they relate to each other as a set.

What to Look For	Why It Matters in a Fitting
Total number of balls on file	Gives context for the new ball being drilled — is this a first ball, a replacement, or an addition to an established set?
Layout spread across existing balls	Helps avoid duplicating a layout already in the arsenal — particularly important when using Dual Angle
Surface finish across existing balls	Identifies gaps in the surface range — a bowler with all high-grit balls may benefit from a lower-grit addition
Most recently drilled ball	Strongest reference point for current measurements — spec sheet linked to the most recent ball is the best starting point for a clone
Oldest balls on file	May indicate equipment due for replacement or retirement — a natural conversation starter with the bowler

□□ Arsenal Plus Plugin — Enhanced Arsenal View

Users with the **Arsenal Plus plugin** (`$5 USD/month`) see an expanded arsenal view with additional data and tools beyond the core display.

- □ **bowlingdatabase.com integration** — ball specifications (RG, differential, core and coverstock details) pulled directly from the database for each ball in the arsenal.
- □ **Barcode scanning** — add new balls to the arsenal by scanning the ball's barcode rather than entering make and model manually.
- □ **Suggested layouts** — layout recommendations for a new ball based on the existing arsenal composition and the bowler's profile data.
- □ **Layout conversion** — convert a layout from one system to another (e.g. VLS to Dual Angle) and see the equivalent values for each ball in the arsenal.
- □ **3D layout rendering** — a visual representation of each ball's layout geometry, showing pin, PAP, and mass bias positions on a three-dimensional ball model.

Note: Arsenal Plus features are only visible while the plugin is active. If Arsenal Plus is deactivated, the arsenal view reverts to the core display — existing ball records and linked spec sheets are retained, but the enhanced features are not accessible until the plugin is reactivated. ⚠ *Verify with your Spectre team: confirm whether bowlingdatabase.com data cached for existing balls remains visible in read-only form when Arsenal Plus is deactivated, or whether it is hidden entirely.*

□□ Arsenal and Spec Sheet History — How They Connect

The arsenal view and the spec sheet history are two perspectives on the same underlying data. The spec sheet history is organised by **fitting session** — one entry per spec sheet, in chronological order. The arsenal is organised by **ball** — one entry per piece of equipment, with the linked spec sheet accessible from each ball record.

- □ For a bowler who has had the same ball redrilled multiple times, the arsenal entry for that ball should link to all associated spec sheets. ⚠ *Verify with your Spectre team: confirm how redrilled balls are handled in the arsenal — whether additional spec sheets are linked to the same ball entry, or whether each drilling creates a new ball entry.*
- □ For a fitting session that involves consulting the existing arsenal before drilling a new ball, open the arsenal view first — then switch to spec sheet history to identify the most useful sheet to clone.
- □ Both views are accessible from the same bowler profile page and can be navigated between freely during a fitting session.

□□ Sorting and Filtering the Arsenal List

For bowlers with large arsenals, sorting and filtering tools help locate specific balls without scrolling through the full list.

- □ **Sort by date** — most recently added first, or oldest first. ⚠ *Verify with your Spectre team: confirm the available sort options for the arsenal list.*
- □ **Filter by ball make** — useful for bowlers with multiple balls from the same manufacturer. ⚠ *Verify with your Spectre team: confirm whether ball make filtering is available on the arsenal list.*
- □ **Filter by layout type** — show only balls drilled with Dual Angle layouts, for example, when reviewing layout spread. ⚠ *Verify with your Spectre team: confirm whether layout type filtering is available on the arsenal list.*

☁ Arsenal Data Is Available Across All Devices

A bowler's complete arsenal is stored in the cloud and accessible on any device logged into the account. Ball records added at the drill press tablet are immediately visible on the desktop at the front counter — and vice versa — with no manual sync required.

- Arsenal data is identical across all devices on the account at all times.
- Multi-location shops: a bowler's full arsenal is visible from any location on the account.
  ⚠ *Verify with your Spectre team: confirm whether arsenal data is fully shared across locations on a multi-location account — resolving the data sharing question that has appeared consistently from 2.6.1 through 3.2.4. This is now a blocking verification item.*

Related Sections

- 3.2.4 — Viewing a bowler's complete spec sheet history
- 3.2.2 — Editing a bowler profile
- 7.x — Arsenal: adding a ball to the arsenal
- 7.x — Arsenal: editing and removing balls
- 7.x — Arsenal Plus: suggested layouts and layout conversion
- 7.x — Arsenal Plus: 3D layout rendering
- 4.x — Spec Sheet: creating a new spec sheet

Tip: Before drilling a new ball for any returning bowler, open the arsenal view and spend sixty seconds reviewing what they already have. The most valuable conversation you can have in a fitting is not about the new ball in isolation — it is about how the new ball fits into the set the bowler already throws. The arsenal view makes that conversation possible without relying on memory or paper records.

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