

Standard manual

BW-2.0.0.0 / BW-A02000

BW - competition software for clubs

BM - the Android training app for shooters

Developed for archery and crossbow sport

Working procedures

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01 Installation and updates

Extract the entire ZIP to a short local folder. Start the clearly named BW1 installer for workstation 1 / server, or BW2 for further Windows computers. Windows with .NET Framework 4.8 is required. Install updates from the newer demo package over the existing installation. Data, settings, installation ID, BWLIZ, role, client count and original demo deadline are retained. Back up first. Do not install in OneDrive or Desktop.

02 Demo and full activation

The 45-day demo includes BW1 and 2 additional clients, 3 workstations in total. Windows BW2 and browser access share these 2 places. Import the appropriate LZW BWLIZ on BW1 only for full activation. B-Software configures +0 to +10 clients. BW2 has no separate BWLIZ. Updates retain an existing full version and do not restart the trial. 45-day demo; personal full activation through BW1. BW2 rights come from BW1.

03 An existing older full edition

An older master or customer full edition without a matching BWLIZ is not simply overwritten. BW-Setup.cmd offers a confirmed preparation: a new, initially empty BW is installed under C:\B-Software\BW while the old full edition stays completely unchanged. Read the new installation ID in the new BW and send it to B-Software. The old BW need not generate any code. LZW supplies a new BWLIZ; import it in the new BW, then restore only the old data backup. Do not copy old device or license files. Later updates of this activated BW preserve activation. An older internal version is not installed over a newer one.

04 Connecting BW1 and BW2

BW1 is the complete manager and server. Connect further Windows computers using the clearly named BW2 installer and the workstation code from BW1. Browser access is an alternative; see the illustrated guide. BW1 must be reachable and authorised. Entry stops on disconnection. Current rights may remain in memory for at most 60 minutes; this does not enable offline entry. Resume only after confirmed reconnection.

05 A competition from start to finish

Check the club, participants, date, discipline and scoring before starting. DSB 2027 profiles apply from 01.01.2027. Enter arrow scores and totals, reconcile scorecards and justify corrections. Record incidents, corrections and appeals in the competition log under 3.5. Archery guidance from the 2020 Judges Guide supplements the applicable rules; it neither replaces a judge's decision nor automatically applies to crossbow. Before publishing and closing, check the class, ranking and unresolved cases, then create a backup.

06 Importing BM files deliberately

SMX is a manual file exchange between BM and BW, not background synchronization. Check the shooter, file and preview before import. New, changed, unchanged, withdrawn or deleted records and conflicts must be distinguishable. Back up before applying changes. Explicitly map unknown disciplines. Identity, origin, revision, base revision and content checksum must be considered together; a later date alone does not justify overwriting. If both sides changed, explicitly choose the BM or BW state. Keep the import log. Older SMX files remain readable but must not silently replace extended content.

07 External competitions and statistics

After confirmed import, external championships and tournaments from BM appear under External competitions. Their BM / external event source, identity and revision remain traceable. Check date, location, organizer, shooter, membership, discipline, result and available placing details. Confirm uncertain event merges. Explicitly choose for each shooter whether external results count toward overall statistics; this choice remains editable. View training, competition and championship/tournament separately or together. Select 1, 3, 12 or 24 months, or a custom period. Do not compare different scoring methods without checking their compatibility.

08 Returning selected records to BM

BW can create a checked SMX return package containing selected records of the correct shooter for BM. Check person, record identity, revision and discipline; exclude other shooters' data. Return import remains disabled in BM 2.0.0.0. Creating a return file therefore does not mean that a smartphone has received it. Enabling BM reception and a joint practical test on Windows and the actual BM device are still pending. The existing export from BM to BW is a separate function.

09 Appearance and custom disciplines

Choose a language appropriate for the team. The palette includes green, blue, red, anthracite, black, white and glare-reduced white. Show or hide optional menu areas on their dedicated configuration page. This hides access points only; it does not delete data or functions. Entry, backup/restore, menu settings and help remain accessible. Restore defaults or Show all makes areas visible again. Changes to a custom discipline already used for results apply only to future results. Historical results retain the values and rules valid when they were recorded.

10 Backup and restore

Before an update, import, license move or major change, create a full backup and check the saved state. Keep an additional backup outside the program folder. Do not manually remove DATEN, LIZENZ, ROLLE, DOKUMENTE, PROTOKOLLE or INSTALLATION under C:\B-Software\BW. Updating documents does not back up data. Before restoring, back up first, check the target and contents and read the supplied import notices. BW-Entfernen.cmd removes the program but retains data, license and demo period. An automatic return to the previous version is not included in this build.

11 Moving a license to a new computer

Install the same demo on the new computer and note its new installation ID. Make a full backup on the old device before starting the license move. Only after explicit confirmation is the old full edition deactivated immediately and a deactivation ID produced. Send both IDs to B-Software. LZM creates the new BWLIZ for the new device. Activate there and carefully restore the saved data. Reconnect BW2 to the new BW1. There is no 72-hour grace period. Updating or restoring must not reactivate the deactivated old full edition.

12 Help and safe updates

Install updates from the supplied local package. Back up first and close BW. Automatic online updates are disabled by default. For support, note the visible version, internal build and exact error message. Review diagnostic reports before sharing them. Contact: WhatsApp +49 175 1600 590. No activation email address is preset.

Activate your personal BW

Your installation, data and existing rights remain in place.

1 Complete your details on BW1

On BW1, open Activation / customer details. Complete both columns with person and club details. Choose 0 to 10 additional BW2 places and check everything.

BW1

2 Save the request file

Save the .lzmreq request. BW adds its installation ID and format BS-LZM-REQUEST-1. You do not need to copy technical identifiers yourself.

.lzmreq

3 Attach and send it yourself

Open WhatsApp to +49 175 1600 590. Attach the saved .lzmreq yourself and send it. Only then confirm Sent in BW. Opening WhatsApp alone sends nothing.

WhatsApp +49 175 1600 590

4 Open the received licence

Open the received .bwliz on BW1 or import it in BW. BW checks its signature, product and installation ID. Check the name and Full version active. No new installation.

.bwliz

BW2 is activated through BW1 only. Import BWLIZ files on BW1 only. Windows and browser clients inherit its rights and share the purchased client allowance.

45-day demo; personal full activation through BW1. BW2 rights come from BW1.

Your details in two compact columns

Person

First and last name

Street and house number

Postal code and town

Email address

Mobile / WhatsApp

Club and workstations

Club name

Club postal code and town

Club email address

Additional BW2 places: 0 to 10

Check carefully before sending

All these details accompany the BW1 installation ID in the .lzmreq file. B-Software reviews the request in LZM and supplies your digitally signed .bwliz.

WhatsApp: +49 175 1600 590

Save, manually attach, send, then confirm sent in BW. The sent status records your confirmation; it is not an automatic delivery receipt.

Email is an optional second route. No activation email address is preset. Use it only after B-Software has supplied and configured the correct recipient. Attach the same request yourself.

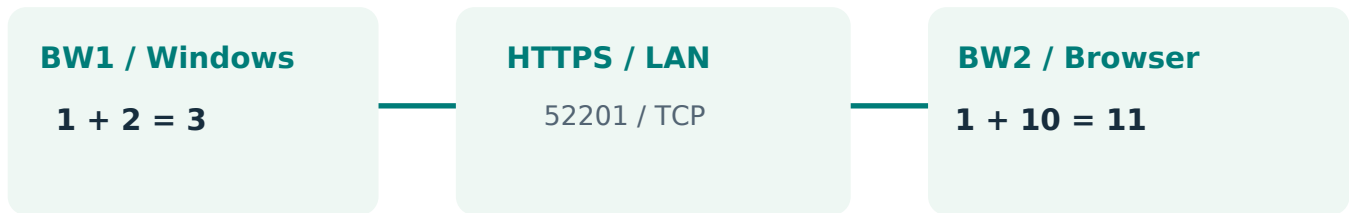
Fixed name, editable contact details

The digitally signed full name is fixed after activation. Your address, telephone, email and club details can later be edited in the customer profile. Do not edit the signed licence file. Contact B-Software for a name correction.

Neutral demo and clearly assigned rights

The neutral demo runs for 45 days with no supplied club logos. Import BWLIZ on BW1 only. BW2 has no separate full licence; Windows and browser clients share the 0 to 10 extra places granted by BW1.

Additional workstations in the browser



- 1 BW1 remains the complete Windows competition manager, server and workstation 1. The browser provides additional BW2 access for shared result entry and rankings. Administration, licensing and final approvals remain on BW1.
- 2 Connect both devices to the same local network. On BW1 open BW-00-00-84 > Browser access. Transfer the public server certificate (.cer), compare its SHA-256 fingerprint with BW1 and only then configure trust on the client. Open the displayed HTTPS address. Enter a workstation name and the 16-character BW1 workstation code. Do not blindly bypass an unknown certificate warning.
- 3 Use a supported modern browser. Internet Explorer is not supported. An older computer may be suitable if its operating system can still run a compatible browser. The browser device need not run Windows; BW1 still requires Windows.
- 4 Choose the competition and participant, enter results and wait for confirmation that they were saved. BW1 validates data and calculates scoring centrally. Stop entry when disconnected; resume only after reconnection is confirmed.
- 5 Demo: 45 days with BW1 + 2 additional workstations, 3 in total. Full version: +0 to +10 depending on licence, up to 11 in total. Windows BW2 and browser workstations share the allowance. Local operation needs neither internet nor a cloud account.
- 6 If connection fails, use "Set up network access" in the BW1 browser dialog and confirm the Windows administrator prompt. The network profile must be Private. Access is limited to this program on the local network; keep the firewall enabled.

The activation guide is prominent in demo mode, hidden after valid full activation and shown again automatically if the actual licence state returns to demo. Disconnection or the end of the update period does not start a new trial.

Choose between two intros

BW1: Administration > Intro. BW1/BW2: right-click the colour button > Intro.

Choose "Existing bow intro (default)" or "New combined intro". Without a selection, the existing bow intro stays active. The new full-screen animation lasts 8.1 seconds: pistol and rifle on the left, bow on the right; three pistol shots, two arrows and one rifle shot. The rifle hit makes the bow fall; the second arrow makes the pistol fall. Sound cannot be muted and the intro cannot be interrupted.

Applies from the next start. The selection is saved for this workstation.

New in BW 2.0.0.0

One complete request instead of separate identifiers

Enter person and club details separately on BW1. BW saves the structured .lzmreq with its installation ID. You attach it to WhatsApp yourself and confirm sent only after sending it. No activation email address is preset.

A personal full version with clear identity

The .bwliz contains the signed full name, device identity and product rights. The name is fixed; address, telephone, email and club details remain editable in the customer profile. BW2 is still licensed through BW1. The neutral 45-day demo also serves as the update package.



Designed to work without the internet

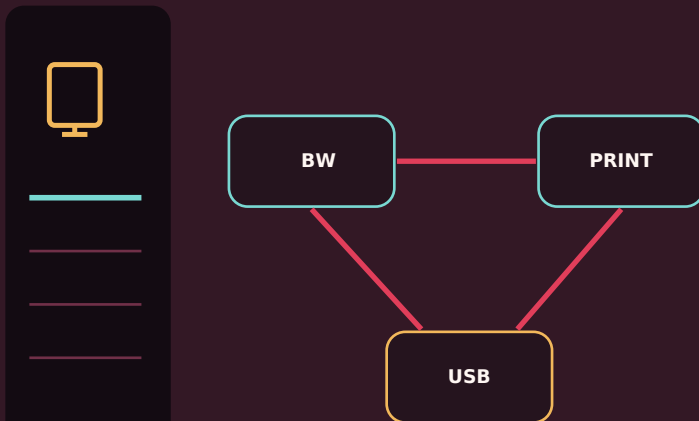
Every core club task remains fully operational on local equipment.

Steps · OFFLINE · LOCAL

PURPOSE

BW stores competition and club information on the Windows computer in use. At the clubhouse, BW does not use OneDrive, any other cloud storage, online accounts or internet servers. The local club network is used only for W's explicitly configured network function and the printer's local Wi-Fi connection.

Designed to work without the internet



1

Start, entry, evaluation and backup without internet access

2

No transfer of club or personal data to the cloud

3

Optional email delivery via SMTP is initiated by the user and is never required for local operation.

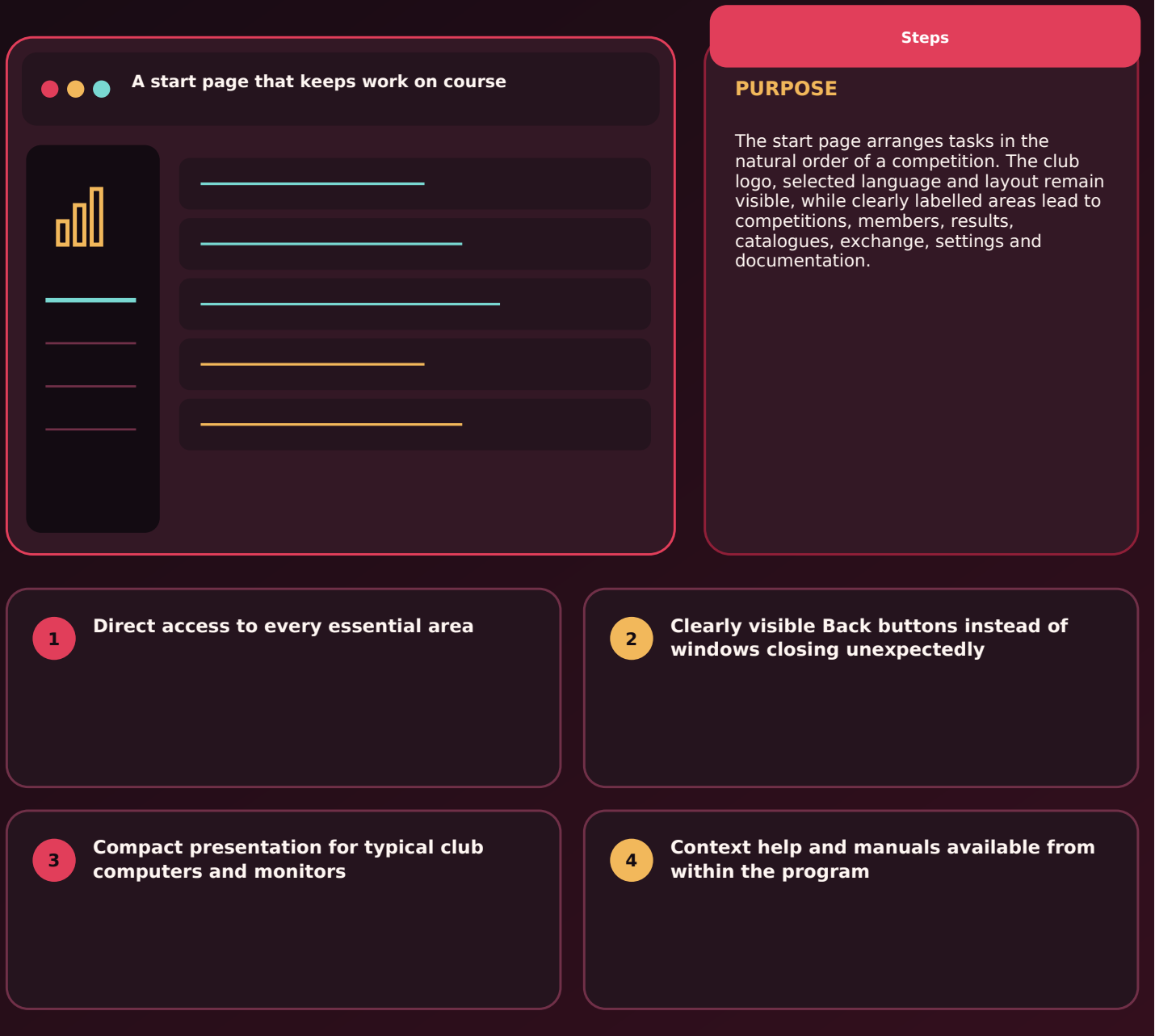
4

Core work continues during an internet outage; local LAN and printer Wi-Fi still require functioning local network equipment.



A start page that keeps work on course

Large topic panels make the next step immediately apparent.





Prepare competitions properly

From the event name to scoring, all key details stay together.



Prepare competitions properly



Steps

PURPOSE

Check discipline, date and scoring. Checklist: range, responsibilities, materials, assistive devices and permitted smartphone use. Guidance explains procedures; it does not grant para eligibility.

1

Create, open and deliberately save competition records

2

Record host, visiting clubs, venue and responsible officials

3

Adopt a discipline profile with series, shots and ring values

4

Check required fields and clear prompts before moving on



Keep members, entries and starts under control

A shared overview prevents duplicate work and missed assignments.



Keep members, entries and starts under control



Steps

PURPOSE

Participant details can be entered, filtered and linked to the current competition. Starts are assigned to the appropriate discipline, scoring class and club; existing lists can be imported locally and reviewed before any further processing.

1

Manage members and contact details in a structured form

2

Create, import, change or selectively delete starts

3

Review club and federation assignments at a glance

4

Use CSV import as a local and traceable transfer route



Enter results - understand rankings immediately

Clear inputs and transparent rules produce dependable placings.



Enter results - understand rankings immediately



Steps

PURPOSE

Check arrow scores and totals. Log old and new values and reasons for corrections. Resolve bouncers, pass-throughs, spot and timing violations by discipline. BW does not make a judge's decision.

1

Enter series values clearly for each participant

2

Identify missing or implausible data at an early stage

3

Apply scoring classes and tie-break rules consistently

4

Present ring-based rankings clearly and ready for print



Catalogues that grow with the club

Use established disciplines and add local requirements safely.

Catalogues that grow with the club

Steps

PURPOSE

DSB 2027 from 01.01.2027: 14 archery and 10 crossbow codes; 19 base scoring profiles plus entry for 5.11. Resolve 5.11 ties manually. Four crossbow profiles remain locked. Keep custom disciplines separate.

1

Select existing catalogue entries quickly

2

Describe custom disciplines in full

3

Manage club additions separately and traceably

4

Use catalogue data as a reliable basis for new competitions



From result to finished output

Print, PDF, CSV and certificates all use the same verified data.



From result to finished output



Steps · PRINT · PDF · CSV

PURPOSE

Reconcile scorecards, totals, hit counters and signatures. Record appeals, deadlines and decisions. Resolve open cases before approval. Then publish results and create a backup.

1

Produce consistent rankings and result lists

2

Create certificates from checked participant and result data

3

Generate PDFs for archiving and deliberate distribution

4

Export CSV for local analysis or agreed data transfer



BW-08: Exchange invitations and responses

File-based, traceable and practical with a USB drive.

Steps · BW-08 · USB

PURPOSE

Invitation exchange helps clubs create, send and import structured files. The user deliberately chooses source and destination; new or changed responses are displayed before acceptance and can be checked locally.

1

Create invitation files for selected clubs

2

Read responses from a local folder or USB device

3

Distinguish new, changed and previously known records

4

Keep the final import decision with the responsible operator