

JSBS Core 1.6 update guide

Use this supplement with the Core 1.5 customer guide and Database Installer 1.8.2 guide. It covers Project time and cost, costing permissions, independent BOM and ECO copies, and the Team upgrade to database schema 23. The existing guides still describe the other workflows.

Upgrade a Team workspace first

Database Installer 1.9.0 supports the schema required by Core 1.6.0. Update the Team server before updating its workstations. Downloading or replacing the installer alone does not upgrade the database.

1. Coordinate downtime and close all Core clients connected to the Team database.
2. Run Database Installer 1.9.0 on the server and follow the existing server-maintenance procedure, including its backup and verified-restore checks.
3. Confirm maintenance completed successfully before updating workstations to Core 1.6.0. Older clients do not support schema 23.
4. Reconnect the updated clients and check the workspace. Reopen Core after an administrator changes permissions.

Solo workspaces use Core's existing verified-backup migration workflow. This release does not require a separate database-server installation for Solo.

Choose who can see costs

In Users & permissions, find Project costing. Administrators retain access. Other users need Projects access and the separate Project costing permission. Existing non-administrator users do not receive costing access automatically.

Turn View off to keep costing hidden while allowing normal Project work. Turn View on and leave Write off for read-only access. Turn Write on for users who should log entries, edit budgets and maintain costs. Linked source access can further limit which entries a user can see.

Record Project time and cost

Open a Project workspace and choose Time & cost. Use the tabs and tables to review entries and budgets. Search and category filters narrow the table; totals still include all accessible active entries.

Start with the work you know

Log time records a person, date, hours and hourly cost rate. Use it for engineering, CAD, review, prototyping, testing or coordination. A blank rate means the cost is unknown; the hours still count. Each entry retains its own rate.

Add expense records a cost already incurred, such as prototype material, outside machining, testing or freight. It does not move warehouse stock. Add commitment records an outstanding obligation. When that cost is incurred, select the commitment and choose Record as expense so the same amount is not counted twice.

Select one entry to edit it, review its history or void an incorrect entry. Voiding removes it from active totals and retains the history. Optional links connect entries to related Project work without replacing the original records.

Include production hours

Actual setup and run hours from linked Work Order operations appear automatically as Production time. Select an operation and choose Set production rate for its combined hourly labor and machine cost. Correct production hours on the Work Order itself. Production time cannot be edited or voided through the costing screen.

Set a budget and forecast

Use Set budget & forecast for a budget category, or Add budget category on the Budget & forecast tab. Suggested categories include Engineering, Prototyping & testing, Manufacturing, Project coordination and Other. You can use your own categories.

Actual cost is recorded hours multiplied by their retained rates, plus incurred expenses. Actual (known) and the uncosted-entry count show when rates are missing. Changing a suggested budget rate does not recalculate existing entries.

Forecast equals actual cost plus Cost to finish. Include commitments and all other expected remaining costs in Cost to finish. Blank means unknown; zero means nothing remains. A forecast is incomplete when rates or category forecasts are missing, or remaining cost is below outstanding commitments.

Currencies remain separate and are never converted or added together. Material consumption, purchasing and sales do not automatically become costing expenses. Record those deliberately to avoid duplicates. Costing is internal planning, not accounting or billing; weekly capacity scheduling is not included.

Reuse BOMs and ECOs

Create a BOM from an existing one

Select one BOM in the register and choose Create from existing. Review the new draft, choose its Project links, adjust the lines and save. It receives its own number and line identities. Quantities and descriptive content are copied; purchasing status and ordered or received dates are reset.

Editing the new BOM header or lines does not change the original BOM. CAD, Inventory and vendor references still point to the same master records. A copy is an independent BOM, not a duplicate set of master records.

Create an ECO from an existing one

Select one ECO and choose Create from existing. Review the new Draft header, then continue into the copied worksheet. The copied rows retain their assembly relationships and receive new identities. Completion status is reset. Review proposed revisions and change actions before release.

Copying or editing the new ECO does not update the source ECO header or worksheet. Referenced CAD records remain shared master records. The explicit ECO release workflow still updates those CAD revisions.

Move assemblies without flattening them

Select the rows you want to move, then drag onto the destination assembly. If the selection contains an assembly and its descendants, only the selected assembly root changes parent. Its children and nested subassemblies keep their internal relationships. Descendants move with their assembly even when they are not individually selected.

For example, if A000001 contains A000004 and A000004 contains A000005, moving that assembly under A000006 keeps A000005 beneath A000004. Move to top level follows the same rule. A move into the assembly's own descendants is rejected.

Recognize switches and selections

On/off options now use the shared toggle-switch style, including applicable view filters, active states and workflow options. Checkboxes remain where you are selecting table rows, choosing fields for a batch edit or acknowledging an action.

If another user changed the same record while you were editing, refresh and review the latest values before trying again. Do not assume an interrupted save was replayed automatically.