



VALOR

PRECISION COMMAND CENTER

VALOR User Manual

v8.0.0 Patch 3.2 - Revision A2

Release date: 16 Feb 2026



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Model requirement: VALOR is tuned for **Model 5.2 Thinking Extended** (slow / precise / deterministic). Switching to a faster or less capable model increases reply drift and hallucinations risk.

This manual documents VALOR's user-facing behavior, canonical commands, and the governed execution flows for CQV work package (WP) delivery in Canvas.

Document	VALOR User Manual
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Revision history

Revision	Date	Summary
A1	16 Feb 2026	Initial manual issued for v8.0.0 Patch 3.2 (Amends+Add-ons).
A2	16 Feb 2026	New themed cover; documentation updated to include silent Standards shorthand aliases (Set STD / Add STD).



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Manual link hosting

In ChatGPT, type **Manual** at any time to get a link to the current PDF. The pack ships with `MANUAL_URL_PLACEHOLDER`; replace it with your hosted URL (GitHub/Drive) to enable the clickable link.



1. Quickstart

VALOR is designed to behave like a precision command center. In most sessions you will switch between advisory mode (M1) and governed execution mode (M2).

Recommended first steps

- `Help` to view the deterministic command index.
- `M2` to enter Work Package Mode (Canvas becomes system of record).
- `List Presets` to see available WP header presets (user-facing codes).
- `Use Preset WP TABPRESS [intent=HIGH]` to create a new WP from a preset.

Fast path

Core execution flow (recommended):

```
List Presets -> Use Preset WP <code> -> Bind Planning Invariants WP### -> Suggest Tasks WP### -> Add Suggested Tasks WP### [indices] -> Plan tasks <dd-mm-yyyy> -> Apply Plan to WP###
```

2. Modes and the Cairo timestamp

M1 is advisory only (discussion, guidance, examples). **M2** is execution mode where Canvas holds the authoritative WP/Tasks/Docs truth.

Timestamp rule (prevents session-resume drift)

Every assistant reply starts with a Cairo local timestamp in this exact format:

```
DateTime dd-mm-yyyy hh:mm AM/PM Cairo Time - Egypt
```

VALOR must compute a fresh current **UTC** time each reply, then convert using the TZ database for Africa/Cairo. It must never infer elapsed time by carrying forward the prior timestamp.



3. Work Packages and Canvas rules

A Work Package (WP) is a governed delivery record that lives in its own Canvas. In M2, Canvas is the system of record; chat replies are intentionally minimal.

Non-negotiable Canvas isolation

- Exactly **one WP per Canvas**.
- Canvas title and first line must be: **Work Package WP###**
- Before mutating a WP, VALOR verifies the active Canvas first line matches the target WP###.

If the wrong Canvas is open, VALOR must refuse with this exact message:

Wrong canvas open for WP###. Open the WP### canvas and re-run the command.

WP skeleton (header + anchors)

When VALOR creates a WP (via `Create WP` or `Use Preset WP ...`), it initializes a standard header and sentinel anchors for Documents and Tasks.

First line: **Work Package WP###**

Header bullets include: Work Package ID, Title, Area, Scope, Objective, Governance, Type, Status, Bound Context, Standards Bundle, Planning Basis.



4. Presets, valid intents, and binding

VALOR separates user-facing WP header presets (WP-HEADERS) from internal selector presets (PS-*). You will only ever type WP header preset codes in chat.

List Presets

Command: **List Presets**

Shows user-facing WP header preset codes grouped by domain (Process Equipment, Utilities, Cleanroom, Computerized Systems).

List Valid Intents

Command: **List Valid Intents**

Shows all intent values supported by the installed libraries, plus usage guidance.

Preset usage

Example:

```
Use Preset WP TABPRESS [intent=HIGH]
```

Binding planning invariants

For preset-based WPs, VALOR can bind planning invariants (Task Pool, Profile, Calendar) using:

```
Bind Planning Invariants WP### [intent=<INTENT>]
```

```
Alias: Bind Defaults WP###
```

Manual WPs created with **Create WP** are intentionally excluded from PS/TP/PROF/CAL binding; only Standards Bundles may be set/added.



5. Tasks and planning

VALOR uses a strict two-step task workflow to stay deterministic: tasks are first staged (preview only), then committed into the WP Tasks table in Canvas.

Stage vs commit (hard gate)

- `Suggest Tasks WP###` stages tasks only (chat list). No Tasks table writes.
- `Add Suggested Tasks WP### [indices]` commits selected staged tasks into the WP Tasks table (Canvas mutation).

Single planning table

Planning is done directly in the Tasks table. VALOR must never create a second planning table or a 'plan proposal' section.

Plan command:

`Plan tasks <dd-mm-yyyy>`

Writes Start/Finish/Owner and sets Task Status: Open -> Planned.

Apply command:

`Apply Plan to WP###`

Sets Task Status: Planned -> In Progress and WP Status: Open -> In Progress. No date/owner edits.



6. Standards bundles (Set/Add) + add-ons

Standards Bundles (SB) inject controlled knowledge references into a WP context. VALOR always binds a default CQV core bundle and supports optional add-ons (CSV, Cleanroom).

Canonical commands

Command	Purpose
<code>List Standards Bundles</code>	Show available standards bundles and versions.
<code>Set Standards Bundle SB=<SB-ID>@<ver> to WP###</code>	Replace the core standards bundle bound to WP###.
<code>Add Standards Add-on SB=<SB-ID>@<ver> to WP###</code>	Add an add-on bundle to WP### (add-ons only).

Add-on prompting (CR / CS)

When your WP indicates a Cleanroom or Computerized Systems context, VALOR will prompt you to add the relevant add-on bundle (it will not auto-bind).

- Cleanroom / classified / HVAC contexts -> suggest SB-CLEANROOM-ADDON@v1
- BMS / EMS / CSV / PLC / SCADA contexts -> suggest SB-CSV-ADDON@v1

Advanced: silent shorthand aliases

VALOR accepts the following shorthand aliases as **inputs**, but they are intentionally not listed in Help or suggestions:

`Set STD <SB-ID>@<ver>` (replace core bundle)
`Add STD <SB-ID>@<ver>` (add add-on bundle only)

Alias target WP resolution is deterministic: it applies to the Active WP Canvas, else the only WP in-session, else VALOR refuses and asks for the explicit '... to WP###' form.



7. Documents, reporting, and export

VALOR supports controlled document generation and governed reporting/export. In M2, documents are created or updated in Canvas and tracked as artifacts.

Create controlled documents (M2)

- Create VMP, RA, URS, RTM, DQ
- Create IQ Protocol, OQ Protocol, PQ Protocol
- Create VSR, Deviation Record, CAPA Record

Maintain / index

- `Update Doc <DOCID>`
- `Link Doc <DOCID> to WP###`
- `List Docs WP###`

Reporting / export (projection-only)

Reporting commands compute projections and should not mutate WP truth (except artifact creation when explicitly requested).

Build Report - Builds a report projection.

Export WP### - Creates a downloadable CSV strictly matching the template.

Export is strict. If template-safe export cannot be guaranteed, VALOR must refuse (and must not paste CSV into chat).



8. Artifacts and Download Artifacts

VALOR tracks every generated artifact (PDFs, CSV exports, charts, etc.) in an internal session registry.

Command: **Download Artifacts**

VALOR zips all session artifacts and returns a download link in chat.

Note: The artifacts ZIP is generated at runtime. If no artifacts exist, VALOR will respond with a clear 'no artifacts yet' message and suggest the next command.



9. Command reference (canonical)

This is the canonical command surface that VALOR exposes in chat. Help output is deterministic and should match this list (excluding the silent aliases).

Command	What it does
<code>Help</code>	Show deterministic command index.
<code>Manual</code>	Return the hosted PDF manual link.
<code>M1</code>	Advisory mode (no Canvas mutations).
<code>M2</code>	Work Package mode (Canvas is system of record).
<code>List Presets</code>	Show WP header presets grouped by domain + then Valid Intents.
<code>List Valid Intents</code>	Show all intent values supported by installed libraries.
<code>Create WP</code>	Create a manual WP skeleton (user fills everything in Canvas).
<code>Update WP###</code>	Commit header edits for WP### from Canvas.
<code>Use Preset WP <code> [intent=<INTENT>]</code>	Create a new WP from a WP-HEADERS preset.
<code>Bind Planning Invariants WP### [intent=<INTENT>]</code>	Bind TP/PROF/CAL (+ SB core) for preset-based WPs.
<code>Suggest Tasks WP###</code>	Stage tasks (no Tasks table writes).
<code>Add Suggested Tasks WP### [indices]</code>	Commit selected staged tasks into Canvas.
<code>Plan tasks <dd-mm-yyyy></code>	Write planned Start/Finish/Owner; set tasks to Planned.
<code>Apply Plan to WP###</code>	Set tasks to In Progress; set WP status to In Progress.
<code>List Standards Bundles</code>	Show available SBs.
<code>Set Standards Bundle SB=<SB-ID>@<ver> to WP###</code>	Replace core standards bundle.
<code>Add Standards Add-on SB=<SB-ID>@<ver> to WP###</code>	Add add-on SB (add-ons only).
<code>Build Report</code>	Build a report projection.
<code>Export WP###</code>	Export WP### to CSV template (downloadable file).
<code>Download Artifacts</code>	Zip all session artifacts and return a link.



Appendix A. Valid intents (as shipped in this release)

These intent values are derived from the installed selector preset libraries (PS-*). They may expand over time as more libraries are added. In chat, always confirm by running List Valid Intents.

Domain	Supported intents	Typical usage
PE (Process Equipment)	HIGH, PV, POSTDEV, POSTCHANGE	HIGH for full lifecycle; PV for performance verification; POSTDEV/POSTCHANGE for post-development or change control qualification.
UT (Utilities)	HIGH, QUAL, POSTDEV, POSTCHANGE, COMM-ONLY	QUAL for qualification assurance; COMM-ONLY for commissioning-only WP separation; HIGH for full scope.
CR (Cleanroom)	HIGH, QUAL, PV, COMM-ONLY	QUAL/PV for ISO 14644 oriented qualification and performance verification; COMM-ONLY for commissioning split.
CS (Computerized Systems)	HIGH	BMS/EMS full lifecycle validation / qualification context.



10. Troubleshooting / FAQ

My timestamp is drifting after I leave the chat for hours.

VALOR must recompute a fresh UTC time every reply and convert using Africa/Cairo. If you see drift, confirm the model is still 5.2 Thinking Extended and ask VALOR to re-assert the timestamp policy.

VALOR refuses with 'Wrong canvas open for WP###'.

Open the Canvas whose first line is exactly 'Work Package WP###' and re-run the command. VALOR will not mutate a WP in the wrong canvas.

Suggest Tasks returns 'Task Pool not resolved'.

Bind planning invariants for preset WPs: 'Bind Planning Invariants WP### [intent=...]' . For manual WPs, you must add tasks manually in Canvas.

Export is refused.

Exports are strict. VALOR will refuse if it cannot guarantee the CSV matches the template exactly. Build a report first, ensure required fields exist, then re-run Export.

How do I get everything as a single file?

Use 'Download Artifacts' to zip all artifacts created during the session into one downloadable archive.

VALØR, Your Smart CQV Agent , The Nexus of Engineering Complexity
& Discipline of Quality

VALØR VIII Owner & Sole Architect

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