

# Veeva CDB

Veeva CDB is a Clinical Data Workbench that automates clinical data cleaning tasks and harmonizes patient data to clean study data 50% faster with 50% less effort. It aggregates clinical trial data from all sources, cleans data in a centralized workbench, and transforms data for downstream use.



## Benefits

- **Aggregate and harmonize data across all sources.** Veeva CDB consolidates EDC and third-party data through durable connections to data providers. Incoming data is mapped to a common study backbone, providing a complete and concurrent view of all clinical trial data in one place.
- **Streamline collaboration with a centralized workbench.** The CDB Workbench provides a single location for data managers and data providers to work together. Users access listings and manage queries centrally, eliminating spreadsheet trackers and communication delays.
- **Automate cleaning to speed time to data lock.** CDB automatically identifies discrepancies, creates queries, and closes queries when issues are resolved. Automatic change detection ensures only new or updated data is reviewed, removing the effort of re-reviewing already cleaned data.
- **Get faster access to clean and concurrent data.** Users see data readiness at the subject level with the clean patient tracker, refreshed hourly. Instantly deliver clean data packages via FTP or API to downstream systems, without requesting or paying for exports. Clinical Query Language (CQL) simplifies data transformations for clinical programmers while supporting complex scenarios. Access data quickly the way you need it with out-of-the box, no-code configuration, or custom programming export options.

## Features

### Durable Ingestion Engine

Veeva CDB's ingestion engine eliminates the burden of building and maintaining fragile custom integrations by empowering data managers to quickly configure them instead. Inbound data is instantly checked for consistency with defined data types, ranges, and formats, via inbuilt capabilities that lower the cost and complexity of system integrations.

### Automated Change Detection

Data that has been already verified does not need to be verified again. Veeva CDB recognizes what incoming data are new or changed and focuses efforts on just that data, saving time and reducing redundant work.

### Autochecks and Query Automation

New and incoming data are automatically checked when loaded into Veeva CDB, even from third-party sources. If an error is found, a query is created automatically to reduce manual review effort. Query resolutions may also be automatically recognized and closed.

### Centralized Query Management

An intuitive, spreadsheet-like Data Workbench lets users access all study data from one place. All listings and queries are viewable directly from the Data Workbench without needing to log into EDC or refer to an external tracking sheet.

### Task Orchestration

Built-in approval workflows and activity logs ensure data integrity. Role-based permissions guide user activity and maintain security around restricted data

### Clean Patient Tracker

A built-in report that summarizes all data collected by patient, with drill-down to patient and query data. It provides a simple way to manage data across sources and patients, without jumping between source systems or relying on an external spreadsheet.

### CDB Study Backbone

Diverse data sources are aligned to a common study backbone, making it easier to compare and reconcile data from different sources. Clinical Query Language (CQL) understands the clinical backbone, to work with the data and its metadata

### Veeva CQL

Veeva CQL is a Veeva-built clinical query language that reduces the effort and technical expertise needed for data cleaning and transformation. Clinical programmers can build sophisticated listings with minimal effort, and calculate derived values. Pre-built functions reduce hundreds of lines of code to a few.

### Export Delivery

Consolidate EDC and third-party data in a single export package, including clinical and operational data. Standard export definitions aid downstream users. Export packages can be downloaded ad hoc or set up to run on a recurring schedule and delivered to an external destination.

### Listing Builder

Veeva Listing Builder is a drag-and-drop tool that lets users build Listings, Checks, or Views without writing code. An intuitive interface helps you build and modify listings quickly while pulling data from multiple forms, visits, and data sources. Listing Builder automatically generates CQL code based on the selections made.



**Veeva Clinical Platform** improves clinical research by providing the most complete and highest-quality solution built for the unique needs of patients, research sites, and trial sponsors. With seamless connection and data flow across all stakeholders, the Veeva Clinical Platform enables faster, more efficient trials that achieve higher data accuracy, and deliver a better experience for sites and patients.

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