Fastpath Change Tracking vs. D365BC Database Log

While the native Change Log in Dynamics 365 Business Central (D365BC) offers basic change tracking, it was originally designed for troubleshooting, not auditing. It is manual to manage, limited in reporting, and is known to slow performance.

Fastpath Change Tracking is a smarter, more efficient alternative. Built specifically for auditing, it uses a lightweight event-driven design that minimizes system performance impact. With prebuilt templates, powerful and flexible reporting, and automated data management, Fastpath makes it easy to see who changed what, when, and why.

The result: stronger controls, faster insights, and complete confidence in your data integrity — without the performance or maintenance burden.

	D365BC Database Log	Fastpath Change Tracking
Purpose	Built for troubleshooting	Built for auditing
Tracking methodology	Database level tracking	Based on the eventing system built into D365BC. Built from the ground up with minimal system impact in mind.
Templates	Manual setup	12 prebuilt tracking templates. Fully customizable with granular field-level control.
Reporting	Basic log report, not conducive to auditing. Limited drill-down, no flexible filtering or scheduling.	Comprehensive reports allow for easy searching and filtering. Link tickets and track approvals on your changes via third party ITSM solutions. Export reports to PDF, Excel, and CSV, with support for scheduling and sign-off.
Data management	Manual data management. No native archiving or purging of audited data is provided.	Built-in data management to archive and purge data, with the option to schedule these processes.
Ease of use	Manual setup and review	Template-based setup. Intuitive UI, reporting, and maintenance.
Performance impact	High	Negligible

See how key features of Fastpath Change Tracking eliminate performance impact, automate data management, simplify setup with prebuilt templates, and deliver comprehensive reporting.

Audit Data Storage

The audit data captured in D365BC is stored in a series of custom tables within your D365BC environment. This audit data is never moved to Fastpath. An overview of the table structure is below:

Tracking Tables → Reporting Tables → Archive Tables
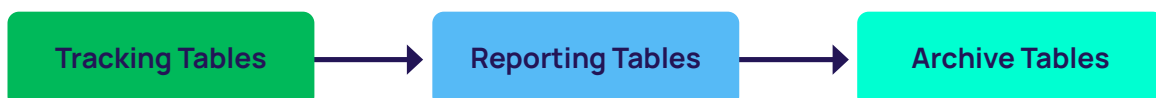
Audit Data Management Processes

Audit data captured is initially stored in the 'tracking tables', this process stores the least amount of data possible to keep performance high. To report on audit data the 'Collect Data' process is executed which moves the data from the tracking tables to the reporting tables. During this process business logic is applied and additional data about the changes is gathered. This process can be executed manually from D365BC or can be executed ad hoc or scheduled within Fastpath.

Once in the reporting tables, data can then be moved via the 'Archive Data' process to the archive tables. This process can be executed ad hoc or via schedule within Fastpath.

Once the data is within the archive tables, if needed the data can be 'restored' into the reporting tables. This process can be executed on an ad hoc basis within Fastpath.

Finally, once the data is within the archive tables, data can be purged via the 'Purge Data' process. This process can be executed manually within Fastpath.

Tracking Templates

To determine what data changes you would like to capture, Fastpath Change Tracking relies on tracking templates. These templates contain the table, table field, and event types you would like to capture changes for.

Fastpath provides a set of out of the box tracking templates that include:

- Accounting Period
- Bank Account
- Company
- Customer
- Fixed Asset
- General Ledger Setup
- General Posting Setup
- Inventory Setup
- Item
- Security
- User
- Vendor

Out-of-the-box templates can be cloned to allow modifications, or you can create new tracking templates from scratch.

Change Tracking Reporting

The tracked audit data is always stored within your D365BC environment; therefore reporting can be performed from Fastpath or from D365BC itself.

From Fastpath:

From D365BC:

Learn more at https://delinea.com/products/fastpath-change-tracking

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