

# Fast Path Indexer/EP

Improve IBM® IMS™ Fast Path performance  
by creating secondary indexes

## PRODUCT DESCRIPTION

Fast Path Indexer/EP lets you easily build and maintain secondary indexes associated with Fast Path data entry databases (DEDBs) to provide alternate processing sequences for your applications. When a database is updated, Fast Path Indexer/EP updates secondary indexes and ensures that the database and indexes remain synchronized.

## BUSINESS CHALLENGE

IMS Fast Path provides industrial-strength capabilities for managing and distributing data. Secondary indexes offer significant speed and resource usage advantages for IMS databases and improve performance and convenience for the applications they support. However, creating and maintaining DEDB indexes for application processing is time consuming and cumbersome. You need an easy way to enhance application processing and improve performance by using DEDB secondary indexes.

## BMC SOLUTION

Fast Path Indexer/EP maximizes data availability and improves database performance to meet the demands of digital business. It enables creation of secondary indexes for Fast Path DEDBs to provide an alternate access path to high volume, high availability databases. Fast Path Indexer/EP improves performance for transactions that use secondary access paths. It provides easy-to-use tools for building, verifying, and managing associated indexes and supporting native Fast Path indexes.

## KEY FEATURES

- **Adaptable** – Add index functionality to Fast Path databases
- **Flexible** – Create an index source from up to five source fields and create multiple index records from one source
- **Easy** – Build a partitioned index with up to 500 partitions and 4G per index
- **Comprehensive** – Store up to five duplicate data fields and support an inversion of hierarchy up to the root segment

## KEY BENEFITS

- **Increases transaction throughput** with direct access to data you need
- **Uses IMS services to update the index** automatically when changes are made to the primary DEDB
- **Uses standard IMS services to recover an index** to the same point in time as the primary DEDB
- **Enables applications to process the primary DEDB** in an alternate processing sequence



Build and Maintain  
Secondary Indexes



Provide Organized  
and Efficient Indexing



Achieve  
Fast Transactions

## PRODUCT DETAILS

**Create indexes:** Build up to 500 indexes and create multiple index records from one source segment of the database. Use up to 5 fields from the primary DEDB segment to create the index key. Use any field in the segment as the key in the index. With Fast Path Indexer/EP, you can:

- Automatically update indexes when changes are made to the primary DEDB.
- Use the product's batch utilities to rebuild an index from the recovered primary DEDB.
- Build a partitioned index and include as many as you need.
- Process native IBM indexes for DEDBs
- Concurrently rebuild indexes during change or reload. If you change the primary DEDB, you can simultaneously rebuild the associated secondary index database by using the offline change or reload commands.
- Choose the structure you need - SHISAM or HISAM. Both structures store the index data in sequential order.

**Improve performance:** Reduce processing time for scan or browse operations because an index contains only a portion of the data in the primary DEDB. In addition, you can process an index that was created with Fast Path Indexer/EP as a standalone database for retrievals.

**Concurrently initialize source and indexes:** When initializing a DEDB that has registered indexes of the DEDB structure type, you can simultaneously initialize the primary DEDB and its indexes in one job step.

**Scan indexes:** Scan a single area or multiple areas in a primary DEDB in offline or online mode.

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### FOR MORE INFORMATION

To learn more, please visit [bmc.com/ims](https://bmc.com/ims)

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**BMC – Run and Reinvent**

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