

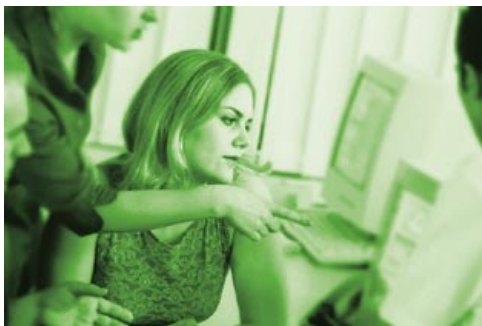
## IMS Batch Terminal Simulator for z/OS, Version 3.1

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### Highlights

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- **Enhances DBA productivity with comprehensive testing and checking of IMS™ databases**
- **Offers flexible application test periods for easier scheduling and execution**
- **Provides a stable online system in test and production environments.**



IMS Batch Terminal Simulator is a time-saving tool that also supports IBM DB2® Universal Database™ applications.

### Comprehensive testing and debugging

When it's time for a check-up of your IBM IMS database, you might think you're in store for multiple, time-consuming manual steps. Not if you're using IBM IMS Batch Terminal Simulator (BTS) for z/OS™, Version 3.1, a comprehensive tool for testing and checking IMS application program logic, IMS application interfaces, teleprocessing activity, 3270 format control blocks and database activity.

BTS automates the comprehensive testing and debugging of your application program logic. It supports IMS user-written transaction code (input) editing, provides dynamic modification of the contents of main storage, and accepts abnormal end (ABEND) and SNAP DUMP requests. Because BTS covers these bases, your DBAs don't have to.

BTS simulates the operation of IMS applications in a time-sharing option (TSO) or batch environment. The tool intercepts each application program call to IMS and reports pertinent details. It can supply useful statistics for

uncovering system resource contention problems and evaluating the impact of new applications on an IMS system.

### Powerful interactive test facility

BTS allows the formatting of 3270 input and output during the simulation, so you can test the format control blocks generated by the IMS Message Format Services (MFS) utility. By either implicitly or explicitly specifying the position on the display screen, you can pass field-oriented input to the application program using IMS MFS.

With BTS Full Screen Image Support (FSS), you can run BTS in the TSO foreground. BTS uses the TSO terminal as an IMS screen image for formatted output from the application program. The tool also allows you to enter new data from the IMS formatted screen image and, upon request, writes a trace of the application program call to the TSO terminal. During this trace, you can stop the application and invoke the TSO test monitor, a powerful interactive test facility, to inspect the program and make temporary modifications.

## Complete reports and extensive call tracing

BTS also supports DB2 Universal Database applications using the IMS Attachment Facility for batch message processing (BMP), message processing program (MSG) mode and DB2-DL/I Batch Support for DLI or DBB modes. BTS operations are transparent to the application, requiring no changes to the IMS code, control blocks, libraries or application load modules. Directly, or through IMS, BTS utilizes the IMS access control blocks (ACB), program specification blocks (PSB) and database description (DBD), as well as batch program (PGM) libraries, to simulate IMS applications. BTS can be used to simulate IMS Fast Path, BMP, MSG, Java batch processing (JBP) and batch applications, as well as conversational and non-conversational applications.

From TSO terminals, BTS provides a comprehensive report showing all activities during program execution. The tool produces a sequential data set that contains all data input to BTS during the TSO session. This data set can be used as a regression test file for subsequent executions.

BTS reporting provides extensive call tracing and includes support for:

- *DL/I calls*
- *DB2 Universal Database SQL calls*
- *Instrumentation facility interface (IFI) calls*
- *IBM WebSphere® MQ calls.*

The latest version of BTS supports the Java™ programming language in the JBP region. It also provides a new BTS playback utility that:

- *Generates the BTSIN control statement using the corresponding MFS associated with the MODNAME from the IMS transaction log records*
- *Prints screen images of transactions including data, USER/LTERM identification and time stamp by extracting from BTSOUT.*

IMS Batch Terminal Simulator is part of a comprehensive, affordably priced portfolio of IBM Data Management Tools for application management. It supports IMS Version 6 and later for the z/OS and IBM OS/390® platforms.

## For more information

Please contact your IBM marketing representative or an IBM Business Partner, or call 1-800 IBM CALL within the U.S. Also, visit our Web site at [ibm.com/software/data/db2imstools](http://ibm.com/software/data/db2imstools)

When ordering IBM IMS Batch Terminal Simulator for z/OS, Version 3.1, please specify program number 5655-J57.



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