# ProTech Professional Technical Services, Inc.

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## IMS Database Utilities

## Course Summary

### Description

This course prepares the student to use IMS utilities to generate, monitor and maintain IMS full -function databases.

### Objectives

At the end of this course, students will be able to:

- Generate and maintain IMS full-function databases, secondary indexes and logical relationships
- Use Image Copy to backup IMS databases
- Use Database Tools to monitor space usage, data distribution and performance

### Topics

- DBD, PSB and ACB Generation
- HISAM Reorganization Unload/Reload
- HD Reorganization Unload/Reload
- Prefix Resolution/Update
- Image Copy
- Batch Backout
- Change Accumulation

- HALDB Utilities: Migration Aid, Partition Initialization, Index/ILDS Rebuild, PDU ISPF
- Database Tools: Pointer Checker, HD Tuner, HD Physical Sort/Reload
- IMS Log Utilities

### Audience

Database administrators, system programmers and senior application programmers who have responsibility to install, manage, and maintain IMS databases.

### Prerequisites

TSO/ISPF, MVS JCL, knowledge of IMS database structures.

### Duration

Four days