

# The TeraText® Database System

## Unlock Your Intellectual Capital

Your company's most valuable intellectual property is locked up in structured text. If you're using a relational database, you know how difficult it can be to store and share text resources across your enterprise.

You need to add to your text, manipulate it, and save it — without wasting space. You need instantaneous retrieval for thousands of users around the world.

## The Next Generation of Text Management

The TeraText Database System (DBS) is your key to unlocking valuable text. Designed to maximize the value of your text assets, the TeraText® DBS is a comprehensive text management system that links information sources into a single companywide resource.

It's fast. It's accurate. It's scalable — from a few gigabytes to terabytes and beyond. It integrates with legacy systems and desktop applications. Its sophisticated compression and indexing save space and search time.

The TeraText DBS is multilingual, supports more than 250 document types, and has been proven in applications including:

- Military intelligence
- Legislation management
- Technical documentation
- Information portals
- Education
- Publishing
- Pharmaceutical research, patenting and FDA clearance.

## Text from the Best

The TeraText DBS is a product of the TeraText Solutions Division of SAIC, a leading provider of information technology solutions. It integrates SAIC expertise and tools to meet the needs of virtually any text environment.

The TeraText DBS is the best way to bring your company's intellectual property together — no matter how many points on the globe you need to connect.

## Features:

- Creates, manages, and searches a terabyte of information or more
- Makes new information available enterprisewide in real time
- Scales to support thousands of concurrent users
- Produces accurate results for complex searches
- Performs thousands of interactive updates per second
- Is based on industry standards for interoperability

## For more information

1997 Annapolis Exchange Parkway  
Suite 200  
Annapolis, MD 21401

866-TEXTXT (839-8898)  
sales@teratext.com

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## Flexibility for Maximum Utility

The TeraText DBS uses client/server protocols and industry standards for flexible configuration. Plug-in adapters enable it to support XML, SGML, Unicode, RTF, HTTP, and many other document types, in addition to Z39.50, the worldwide standard for information retrieval.

An XML-native solution, the TeraText DBS was designed specifically to store, retrieve and manipulate structured text. With native XML, you get back what you put in — without time-consuming decomposition or reconstruction.

Advanced compression technology enables the TeraText DBS to perform ultrafast searches, with indexes that use only a fraction of the disk space required by competing systems.

An application server provides immediate access to any TeraText database to enable searches of structured elements and document characteristics. The TeraText DBS also interfaces with common desktop products such as Microsoft® Word and plug-and-play modules for Web services.

## Technical Specifications

### Platforms

- Microsoft® Windows®
- Sun Solaris™ (Solaris™8 or later)
- Linux®-32
- Linux-64

### Hardware

- Processors: X86 (200 MHz and up), SPARC™, Ultra SPARC™, Intel® Itanium®
- RAM: 128 MB minimum, 256 MB recommended
- Disk space: 70 MB minimum, 170 MB recommended

### Operating System

- Windows NT® 4.0
- Solaris™8 (64-bit)
- Enterprise Linux (32- or 64-bit)
- Windows® 2000

## High-performance searches for high-value text

- Cross-database searches
- Boolean operators (and, or, not, xor)
- Ranking searches
- Word proximity
- Grammatical structure within sentences and paragraphs
- Term and sentence highlighting
- Fielded searches by author, title, caption and more