

## Database Tuning

Increase data accuracy and integrity for your operations with a Progress Software Professional Services (PSPS) Database Tuning. PSPS is uniquely trained and qualified to implement solutions designed to enhance your business and maximize your investment in Progress® technology. No one knows Progress better than Progress Software Professional Services.

### BENEFITS

- Get a complete evaluation of the current performance of your application and database system
- Avoid costly surprises like performance degradation and bottlenecks
- Prolong the life of your current hardware, versions and configuration while preparing for future changes

### OFFERING INCLUDES

- Onsite consulting to determine current performance and adjust database efficiency
- Complete examination of hardware configuration
- Removal of blockages and bottlenecks to increase efficiency
- A written summary report detailing all work performed and further recommendations

In today's highly competitive environment, you need to gain any advantage you can to overcome your competition and manage your business to success. That advantage can come from superior products, expert industry knowledge, dedicated customer service, or efficient business operations. Making sure your operations are running to full efficiency starts with flawlessly running systems monitored through periodic database tuning.

Tuning your database periodically to improve performance, ensure integrity and avoid performance degradation is crucial to keeping your business running well and positioned to handle growth. Progress understands this requirement and has developed a service offering to help you achieve your growth needs.

### The Progress Software Database Tuning Service

Our database tuning is a periodic service to keep your business running smoothly and prepared for the future. Our highly skilled consultants apply their global expertise to:

- Determine the operating condition and current performance of your database system
- Examine the hardware configuration including the:
  - CPU(s)
  - Memory
  - Disk Controller(s)
  - Disk Drive(s)
  - File Storage Method

Operating System

Application servers

Network hardware

- Identify bottlenecks by measuring the following factors:

Number of database segments

Startup parameters

Block sizes

Servers executing

Percentage of buffer hits

Current APW(s)

BIW metrics

Concurrent users

Record reads, writes, waits

Data volume per table

Virtual system table use

Buffer flushing frequency

Execution frequency

- Remove blockages and bottlenecks and adjust efficiency using the technical expertise of our highly skilled consultants

### Project Scope

The database tuning service includes onsite consulting; the duration and pricing for this consulting is dependent upon the number of databases and sites involved. Projects involving several sites or larger databases will require more time than a single-site, single database system. All services will be delivered subject to a mutually executed service agreement and proposal.

After the completion of the on-site consulting, your Progress consultant will deliver a written report detailing:

- Before and after measures
- A description of the work performed
- Recommendations on software product and technical alternatives appropriate for your future planning
- Identification of any training needs

### **Progress Software Professional Services**

Progress Software Professional Services offers strategic solutions to help you make the most of your technology investment and prepare you for the future. Whether you are looking to take your business to the web, gain operational efficiencies through better reporting and decision support, or enhance your technology environment to make it run faster and smoother,

Progress Software Professional Services can help you get there. We offer a comprehensive collection of consulting, mentoring, and training programs tailored to address the issues you're facing right now, including:

**Business Enhancement** – Take your business to a new level by enhancing your existing Progress-based applications with valuable business solutions

**eBusiness Migration & Optimization** – Master advanced strategies and tactics for moving your applications to the web

**System Enhancement** – Examine, tune, supplement, and manage your systems for maximum performance

**Globalization Empowerment** – Open your doors and start doing business with anyone in the world with speed and confidence

### **User Training & Education** –

Improve productivity by ensuring that everyone on your team is up-to-date on the latest Progress technology

*If you're interested in maximizing performance, optimizing productivity and running efficiently, contact your local Progress Software sales executive today.*

*Or, visit the Progress Software Professional Services web page at*

*<http://www.progress.com/consulting/index.htm>*

*for more information on these and other service offerings.*

#### **Corporate and North American Headquarters**

Progress Software Corporation, 14 Oak Park, Bedford, MA 01730 USA Tel: 781 280-4000 Fax: 781 280 4095

#### **Europe/Middle East/Africa Headquarters**

Progress Software Europe B.V. Schorpioenstraat 67 3067 GG Rotterdam, The Netherlands Tel: 31 10 286 5700 Fax: 31 10 286 5777

#### **Latin American Headquarters**

Progress Software Corporation, 2255 Glades Road, One Boca Place, Suite 300 E, Boca Raton, FL 33431 USA Tel: 561 998 2244 Fax: 561 998 1573

#### **Asia/Pacific Headquarters**

Progress Software Pty. Ltd., 1911 Malvern Road, Malvern East, 3145, Australia Tel: +61 3 9806 8500 Fax: +61 3 9885 9473

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