



Seven Ways to Optimize Your Sage X3 Environment

How the Right Services and Support Can Extend Your Technology



Transforming Companies

The right software helps businesses thrive and stay competitive in the face of growing complexity and industry pressures. Complete business management solutions, like Sage X3, transform how you manage operations, processes, and people, allowing you to respond faster to changing customer demands. However, some solutions are more technical in nature, which can lend its fair share of challenges for those without technical expertise. As with any technical software product, expertise in many disciplines of IT is required to create and maintain an optimized user experience. To be successful in IT, specifically when it comes to ERP, requires knowledge around hardware, server operating systems, storage, networking, databases, and a deeper knowledge of the ERP itself. Building, training, and cross training an IT team that can efficiently work together comes at a high cost even when workload is low. To help maximize your software investment, we have developed unique service offerings to provide technical expertise while saving you time, money, and resources.

Extending Your Technology Team

IT staffing for many companies is a challenge— finding resources with the right set of skills for a reasonable salary is hard. When it comes to certain software solutions, finding a technical resource can be nearly impossible. At Blytheco, we aim to become a true extension of your team. Whether you are looking for support, development services, or assistance with a special project, we can help.

If you already have an ERP partner, our team can provide an additional layer of guidance for tasks including SQL tuning, network performance challenges, and disaster recovery planning. Here are seven ways Blytheco can help you streamline, optimize, and extend your current technology.



1

Protecting Your Investment | Data Backups

Are you backing up data regularly? If your system failed tomorrow, is your critical data protected? What if your database server gets hit by malware or your facility is hit by a natural disaster? Unfortunately, many companies are not protected, and that's where we come in.

Our team can help you develop a plan and put processes in place to ensure your security. We offer backup assistance for servers, databases, files on file shares, and files on users' computers, as well as testing and recovery.

2

Networking | Infrastructure

Newer enterprise-level equipment has become less expensive and offers a greater degree of initial security and network speed. If you are looking to upgrade, or you are planning to move facilities, we can assist with equipment selection, provisioning, and placement. If you have a networking project, performance issue, or need to expand your network, we can help guide you through the process to ensure your system is optimized and continue monitoring to ensure high performance.

3

Email Notifications and Configuration

Our team can connect your on-premise devices and software with Office 365. A successful SMTP server configuration allows your software and devices to send notifications to your team via email. Additionally, we can assist in Office 365 email and Active Directory setup.



4

Servers and Cloud

One common question for growing businesses is, “Should we deploy on-premise or in the cloud?” We offer advisory services to help your team determine if cloud, on-premise, or a hybrid deployment is best based on your business needs.

Our team offers assistance with Windows server configuration and system maintenance as well as VMware, Citrix, and Terminal server setup. We even have our own data centers geared specifically toward hosting ERP for those looking to move from on-premise to the cloud.

Our goal is to help ensure your team has the right solutions in place to successfully execute upgrades and maintain a high-performance environment for all users.

“Since working with Blytheco, I have noticed a quicker response from within Sage X3 when loading different functions. While this may not seem like a big deal in the grand scheme of things, user complaints about slowness or “getting stuck” have been cut down dramatically...”

—Blytheco Manufacturing Client
Sage X3

5

Automated Tasks and Data Exchange

Monitoring the health of your network and servers can help prevent costly outages and lost data. We can implement and assist with health protocols, automation, and alerts to improve productivity and reduce costs and frustrations.

These protocols can help with issues like disk space filling up, cleaning up old files, and organizing logs from various applications that are not maintained. We can also set up monitoring and alerts to notify you of high CPU, low-memory, or low-disk.

Additionally, we offer assistance in setting up automated data feeds from your systems by ensuring proper provisions for either EDI or flat files. We can create custom processes, consolidated databases, or combine data between products. If you do not have an EDI team, our resources have extensive knowledge and expertise in this area.

6

Support

Our team can become a true extension of your team. This means, if there is ever an issue that you or your existing partner are having difficulty solving, we are here to offer an additional layer of support. We want you to lean on us to solve challenges that would take resources off existing projects or require you to increase internal staff. Our extended support plans even provide 24/7 coverage nationwide.

7

SQL Performance | “The Need for Speed”

We can help by increasing your system speed and performance. If you feel your software is running slower than it should be or that operations are taking longer to complete, we can help. Our SQL-tuning packages can help boost performance, better retrieve data, improve processing times, reduce software error messages when trying to load/save, and more.

Fine tuning your servers and database results in faster data retrieval, less table locking, higher user productivity, better customer service, and reduced disk operations. This efficiency can also reduce operational costs. Beyond database optimization, some SQL databases suffer from blocking and sustained locking caused by applications running against it. We can examine locking events, analyze their root cause, provide suggestions, and implement solutions.

Tuning Evaluation Package	Tuning Implementation Package
<p>Evaluation will be performed to determine any areas in SQL that can benefit from optimization.</p>	<p>Implementation is performed on the database and schema (X3 folder) in which the evaluation took place.</p>
<ul style="list-style-type: none"> • Determine if X3 primary folder can benefit from indexing optimization • Review disk latency and size • Review database backup strategy • Review database index maintenance plan • Evaluate SQL server setup and settings • Evaluate X3 database level settings • Evaluate Temp DB settings • Evaluate SQL load on server • Evaluate ALISTER usage (An X3 table that may be written to by reports or modifications) • Present recommendations based on review 	<p>Requires Evaluation package</p> <ul style="list-style-type: none"> • Change SQL settings that need adjusting • Change database level settings that need adjusting • Adjust log or temp database setting changes or moves to provided disks • Implement database backup plan to a backup location available to SQL • Determine which indexes need clustering • Update indexes in X3 • Implement database and index and statistics maintenance • Post change reevaluation



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Call or email today to discuss any of these offerings or to develop a custom optimization plan with our team.