

Is your *Dynamics AX* **SLOW?**

20 years AX Experience

AX Performance Methodology

1

Hardware and Software Check

2

Data Collection

3

Reporting

4

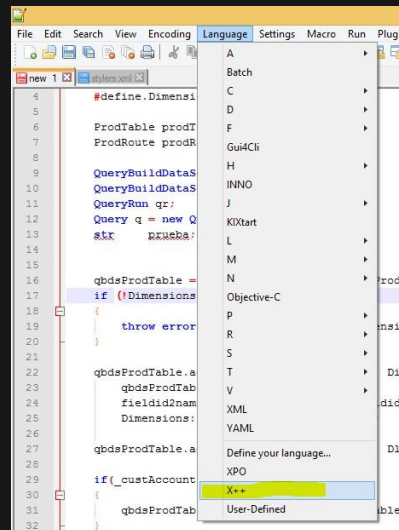
Action for high priority findings



Hardware



Network



Software (X++)



Best Practices

We use Microsoft's best practices tools like Perfmon, Netmon, SQL Server Profiler, Trace Parser Tool etc.



CheckLists

ETG check-lists will give an assessment of your AX to identify the areas in which performance can be restored/enhanced through Microsoft's best practices

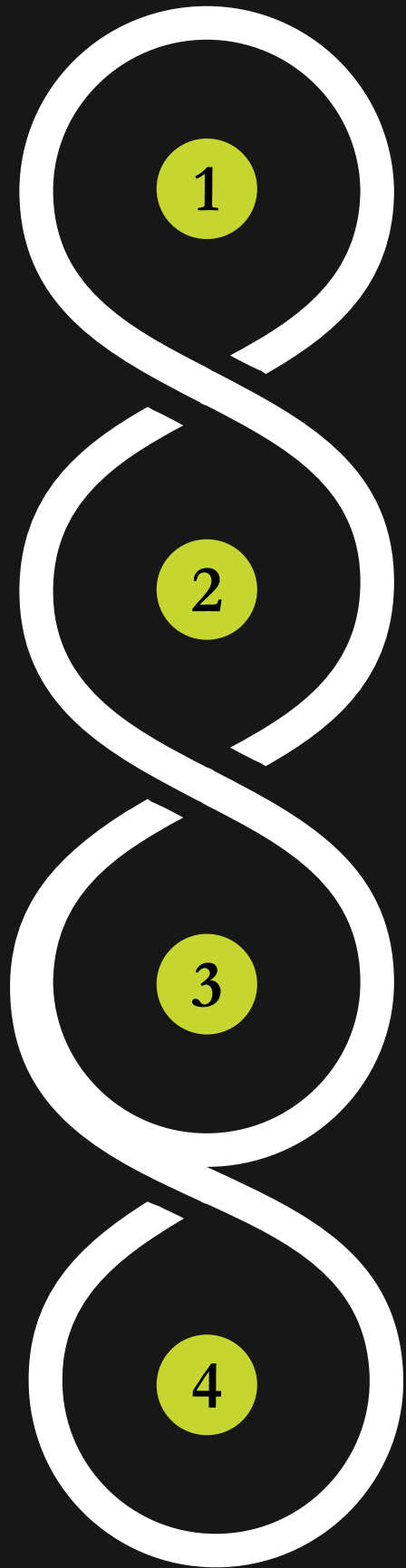


Microsoft Dynamics AX



Microsoft Dynamics AX

Performance Methodology



1 *Hardware and Software Check*

- Check hardware
- Disk Setups
- Networks
- Operating Systems
- Performance Monitoring (Perfmon)
- Under OS Administrative Tools
- Reliability and Performance Monitor
- Microsoft Network Monitor (Netmon)
- SQL Server Profiler
- System monitoring / Perfmon / PAL tool
- Activity Monitor (SQL Server Management Studio)
- Event logs, SQL logs, Dynamic Management Views (DMVs)
- SQL trace (sp_trace TSQL)
- System Stored Procedures (sp_who, sp_lock...)
- DBCC statements
- Built-in functions (@@CPU_BUSY, @@CONNECTIONS...)
- Trace Flags
- Database Engine Tuning Advisors
- SQL Server Settings, Database Settings
- SQL OS settings, SQL administration
- SQL Trace Flags for AX
- AOS settings

2 *Data Collection & Monitoring*

- Long term data collection (AXPERF, IDM)
- Analyze the process (Trace Parser, Profiler...)
- Evaluating SQL Server Performance
- Latest Service Pack for SQL Server
- Recent CU Packages
- Latest Service Packs
- AX application settings
- Turn on tracing both on AX client and server side

3 *Reporting*

- AX Code Profiler
- AX SQL Statement log
- SQL Server DMV's, Standard reports
- SQL Server Performance Dashboard reports
- identifying issues in the X++ code
- recommendations on infrastructure enhancements

4 *Action for High Priority Findings*

- Action for pain points in the current system
- Recommendations for poorly written X++ codes
- Fixing SQL Indexes & Query performance
- Dynamics AX application and code maintenance
- SQL Server maintenance plan
- Dynamics AX data cleaning