

Microsoft Dynamics AX Code Review



Evaluate the Risk,
Be Proactive

*A review of your existing
Microsoft Dynamics AX
customizations for any
deviations from Microsoft
Best Practices*

Overview

The Microsoft Dynamics AX Code Review helps you to get a holistic view of the quality of your entire custom code base (X++ only). With this 360° view, you can easily identify the most efficient approach to get your custom Microsoft Dynamics AX solution to a healthier and better performing state. The Code Review will concentrate on how well the code conforms to the recommended best practices in the following areas: Conceptual Integrity, Maintainability, Performance, Reliability, Reusability, Security, and User Experience or Usability.

In addition to the architectural and infrastructure design, code quality is a the core of a Microsoft Dynamics AX solution. To help you to minimize the costs associated with remediating code defects in each phase of the application lifecycle, the code review service is delivered according to your most important development milestones. The code review can also be completed after go live to review the original code or any new customizations written since the original development. If you are unsure about the code review service, ask your Microsoft representative to ensure the best results for your Microsoft Dynamics AX implementation.

The Premier Field Engineering team will start the review by gathering all the relevant material to perform a thorough review of the custom code. After the review is complete, a Premier Field Engineer will meet you to review the findings, answer questions, and assist with determining the next steps. If required, Premier Field Engineers can be engaged to assist with any remediation items.

Utilize expert advice to ensure your custom code is written to meet best practice standards in terms of conceptual integrity, maintainability, performance, reliability, reusability, security, and user experience and usability

What Code Review Can Do for You

- **Uncover any risks** that might impact Conceptual Integrity, Maintainability, Performance, Reliability, Reusability, Security, User Experience / Usability.
- Highlight areas of your code that do not meet Microsoft best practices and provide detailed guidance on how to fix these violations based on real code examples.
- Guidance on how to use Microsoft Dynamics AX standard toolsets to identify code violations and how to interpret and **estimate the impact** of these findings to your Microsoft Dynamics AX environment.
- Provides an opportunity to work with a Premier Field Engineer Developer resource to review any findings, answer any questions, and determine the next steps for any necessary remediation.

Prerequisites

- A designated contact to work with the Premier Field Engineering team to obtain all customizations and documentation prior to and during the code review.
- Any application documentation related to the customizations.

Deliverables Include

Microsoft will provide a detailed report that includes the following items:

- Scope items included in the review
- Detailed information about the custom code base
- Lines of code reviewed
- Findings and recommendations

Important Note

Code reviews focus on identifying code that is not compliant with the documented best practices. A code review is NOT a substitute for thorough and well-executed testing and debugging.

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