



# Microsoft Dynamics Product Comparison

| Item Description                       | Microsoft Dynamics AX  | Microsoft Dynamics NAV   | Microsoft Dynamics GP   |
|--|--|--|---|
| <b>Typical Number of Users</b>         | 25-5,000+  | 5-50   | 5-50  |
| <b>Approximate Number of Customers</b> | 21,000+  | 102,000+   | 47,000+   |
| <b>Markets Served</b>                  | Mid-Market and Enterprise  | Primarily Mid-market   | Mid-market  |
| <b>Customer Needs</b>                  | International companies or companies with multiple locations that want to run on a single instance.  | International or domestic companies that can run on a single instance.                                     | Simple company structure with strong financial capabilities and broad US user adoption.   |
| <b>Global Operations</b>               | Supports complex organizational structures with multiple currencies and reporting needs.   | Supports simplified organizational structures but does allow for multiple companies on a single instance.  | Dynamics GP has multi-currency capabilities but is not considered a strong international product.   |
| <b>Industry Fit</b>                    | Microsoft Dynamics AX has specific industry capabilities for Service, Manufacturing, Distribution, Financial, Public Sector and Retail.                        | Very broad industry capabilities including manufacturing, service, professional services and distribution. | Dynamics GP has strong financial capabilities and some industry functions for manufacturing and project but more from an accounting perspective; not strong manufacturing and project process management. |
| <b>Manufacturing Modes</b>             | Supports discrete, process and lean manufacturing.   | Primarily discrete manufacturing but can fit other industries with third party solutions.                  | Primarily make to stock.  |
| <b>Global Planning</b>                 | Advanced manufacturing planning including multi-plant and multi-schedule.  | Multi-site planning.   | Limited   |
| <b>Implementations</b>                 | Microsoft Dynamics AX is very functionally rich and requires more decisions during the implementation process generally resulting in a longer deployment time. | Dynamics NAV has moderate to low cost to implement and maintain.   | Dynamics GP has moderate to low cost to implement and maintain.   |

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| <b>Architecture</b>                              | 2-Tier N-Tier, multiple Application Object Servers (AOS) can be installed depending on a company's needs.   | N-Tier, typically implemented as 3-Tier.   | 2-Tier  |
| <b>Deployment Options</b>                        | On-Premise<br>Private cloud hosting<br>Microsoft Azure hosted offering.   | On-Premise<br>Private cloud hosting<br>Microsoft hosted.   | On-Premise<br>Private cloud hosting.  |
| <b>Development Environment</b>                   | The integrated development environment (IDE) in Microsoft Dynamics AX, called MorphX, is a X++ development language easily adopted by a .net developer. The IDE has a built-in data migration framework, upgrade analysis tools and integration with Visual Studio.net. | Any required modifications are done in C/AL (Client Application Language), a simple programming language used by customers around the world. NAV also offers interoperability with the Microsoft .NET Framework. NAV offers a built in data management suite called Rapid Start Services and reports can be customized using SQL Reporting Services. | Proprietary development environment native to Dynamics GP. Dynamics GP allows for minor customizations using the Dexterity development environment but is not a product that is usually customized. |
| <b>Embedded Customer Relationship Management</b> | Yes   | Yes  | No  |
| <b>Reporting</b>                                 | Uses Microsoft SQL Server Reporting Services (SSRS) for the out of the box reports.   | Native reports and report writer.  | Native report writer.   |
| <b>Financial Reports</b>                         | Leverages Microsoft Management Reporter.  | Uses native financial reporting tool.  | Leverages Microsoft Management Reporter.  |
| <b>Licensing</b>                                 | Named Users   | Concurrent Users   | Concurrent Users  |

**For more information on how a Microsoft Dynamics ERP product could fit your business contact [info@stoneridgesoftware.com](mailto:info@stoneridgesoftware.com) or call 612-354-4966.**

