





















Which ERP Provides Stronger Functionality: Active ERP (aERP) or Microsoft Dynamics 365 Business Central?

Active ERP (aERP) and Microsoft Dynamics 365 Business Central (BC) are both powerful, cloud-native ERP solutions, designed to streamline operations across various industries. They each offer a range of features, but the differences in customization, integration, and automation capabilities may make one a better fit for your business than the other.

Feature Comparison: Active ERP vs. Microsoft Dynamics 365 Business Central

Feature / Area	Active ERP (aERP)	Microsoft Dynamics 365 Business Central
Core ERP Modules	✓ Full suite: Finance, CRM, Inventory, Sales, Manufacturing	✓ Full suite: Finance, CRM, Inventory, Manufacturing, HR
Manufacturing / MRP	✓ Traditional + AI-augmented MRP (BOMs, routings, scheduling)	✓ Discrete manufacturing with some advanced MRP features
Financial Management	✓ Complex financials: multi-entity, multi-currency, tax, GAAP/IFRS, statutory compliance, global consolidation, audit trails	✓ Strong financial management with multi-currency and multi-entity, but less flexible for complex needs
Customization Approach	 No-code model — modify data structure, UI, logic at runtime	 Customization via AL language, extensions, and Microsoft's Power Platform
Automation / Intelligence	 Native Auto Pilot engine — smart workflows, dynamic decisions	 Automation through Power Automate , but lacks native AI
User Interface / UX	 Modern, responsive, real-time editing and configuration	 Flexible UI with Power BI and Office integration, but may require configuration
Deployment Model	 100% Cloud-native SaaS, also supports on-premises	 100% Cloud-native SaaS with hybrid deployment options
Adaptability to Change	 Highly dynamic — evolves without developer input	 Flexible, but change often requires technical resources
Integration Capabilities	 Built-in no-code integration layer	 Deep integration with Microsoft products, Power Platform , and third-party systems
Globalization Support	✓ Multi-language, multi-currency, tax localization	✓ Multi-language, multi-currency, tax localization, supported by Microsoft's global infrastructure

Feature / Area	Active ERP (aERP)	Microsoft Dynamics 365 Business Central
Partner Ecosystem	 Vendor-led, lean, high-touch support	 Extensive partner ecosystem and Microsoft's partner network
Implementation Time	 Fast (weeks to a few months)	 3-6 months or longer, depending on complexity
Pricing Model	 Transparent usage-based pricing	 Subscription-based pricing with modular tiers
Ideal Customer Profile	 Agile organizations needing adaptability and lower TCO	 Established businesses looking for deep Microsoft integration

Conclusion: Which System Has Stronger Functionality?

Both **Active ERP (aERP)** and **Microsoft Dynamics 365 Business Central** are capable ERP systems with strong functionality, but they differ in how they cater to businesses.

Choose Active ERP (aERP) if you want:

- A system with **AI-augmented MRP** and **flexible manufacturing workflows** that can scale with your business
- **No-code customization** for quick adaptation to changing business needs
- Advanced **financial management** with capabilities like **multi-entity**, **multi-currency**, **statutory compliance**, **global consolidation**, and **audit trails**
- A **modern, highly responsive UI** and **AI-driven automation** to streamline decision-making and improve efficiency
- The ability to run the system **on-premises**, in addition to the cloud

Choose Microsoft Dynamics 365 Business Central if you want:

- A **mature ERP** with deep integration into the **Microsoft ecosystem**, including **Power BI**, **Office 365**, and **Azure**
- **Strong financial capabilities**, especially for organizations already embedded in Microsoft products
- A solution that leverages **Power Automate** for workflow automation and integrates well with third-party tools
- A **robust partner network** for implementation and support

Final Thought:

- **aERP** is the right choice for businesses that need **flexibility**, **low-code customization**, **AI-driven automation**, and **rapid scalability**. It's particularly beneficial for growing companies with evolving needs.

- **Microsoft Dynamics 365 Business Central** is ideal for organizations looking for a strong ERP system that integrates seamlessly with Microsoft's suite of products and has deep reporting and financial capabilities.