Infor CloudSuite vs Dynamics 365 Finance & Operations

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A modernization comparison across finance, manufacturing, supply chain, platform and AI

For organizations deciding whether to continue optimizing Infor CloudSuite (LN / Industrial / M3) or move to a broader Microsoft ERP operating model built around Dynamics 365 and the Microsoft cloud.

At a glance

Where Infor can remain the strong fit

- Industry-specific CloudSuites remain strong for manufacturing, distribution, automotive, aerospace, food & beverage and other micro-verticals.
- Modern CloudSuite is AWS-native; Infor OS / ION unify integration, workflows and analytics across product lines.
- Infor is investing aggressively in Velocity Suite, GenAI and industry AI agents. AI should not be treated as a competitive gap.

Where Dynamics 365 F&O can change the operating mode

- Dynamics 365 fits organizations prioritizing a connected Microsoft operating model across ERP, CRM, data, productivity and automation.
- Microsoft 365, Dataverse, Power Platform, Fabric and Azure can connect ERP with collaboration, analytics, low-code apps and AI.
- Microsoft-first strategy, growing finance complexity, fragmented integrations and enterprise-wide AI or low-code plans can strengthen the migration case.

Executive comparison

Decision area	Infor CloudSuite	Dynamics 365 F&O
Best-fit purpose	Industry-specific ERP for manufacturers, distributors and service businesses that value deep micro-vertical processes and CloudSuite fit.	Cloud ERP for global finance and complex supply-chain operations with tight alignment to Microsoft 365, Azure, Dataverse and Power Platform.
Platform model	AWS-hosted CloudSuites built on product lines such as LN, M3 and CloudSuite Industrial, unified through the Infor Industry Cloud Platform / OS.	Microsoft-managed cloud ERP connected to Dataverse, Power Platform, Azure, Microsoft 365 and the wider Dynamics 365 application ecosystem.
Manufacturing depth	Major strength. LN / Industrial support complex discrete, ETO and project-driven manufacturing; M3 supports process and mixed-mode industries.	Deep mixed-mode manufacturing using production, batch, lean, project and engineer-to-order patterns, integrated with planning, warehouse and finance.
Finance / global operations	Strong core finance and multi-company capability within relevant CloudSuites, especially for manufacturing-centric operating models.	Global finance with multi-entity operations, reporting, project accounting, compliance and expanding automation across the Microsoft cloud.
Supply chain / planning	Strong inventory, procurement, WMS and planning capabilities, including APS and vertical-specific supply-chain depth.	End-to-end SCM spanning procurement, Planning Optimization,Demand Planning, advanced WMS, native TMS, fulfillment and asset management.
Integration / extensibility	Infor OS / ION, APIs, workflows and platform services connect CloudSuites and third-party systems; extensibility varies somewhat by product lineage	Dataverse, APIs, business events, dual-write and Power Platform support integration, low-code applications and cross-Dynamics workflows.
Implementation / operating model	Industry templates can reduce configuration effort, but product/version selection and older on-premises estates can add migration complexity.	A standardized SaaS operating model with continuous Microsoft updates; migration scope depends heavily on process redesign, data and customization debt.
AI direction	Infor AI, GenAI, Process Mining and Industry AI Agents are active investment areas across ERP, production, supply chain, assets and finance.	Copilot and agent capabilities are expanding across Finance and SCM and can connect with Copilot Studio, Microsoft 365, Fabric and Power Platform.

Business capability comparison

Capability	Infor CloudSuite	Dynamics 365 F&O
Finance	Core GL, AP, AR, assets, cash management, budgeting and multi-site finance are strong within relevant CloudSuites; depth varies by product family.	Global finance with multi-entity operations, close and reporting automation, project accounting, compliance and integrated planning / analytics.
Manufacturing	Deep vertical manufacturing: LN / Industrial for discrete, ETO and project-driven operations; M3 for process and mixed-mode environments.	Mixed-mode production with production and batch orders, kanbans, lean, project / ETO patterns and integrated costing, planning and warehouse processes.
Planning	APS, finite/infinite scheduling, demand and supply planning, MRP and predictive signals are available across relevant CloudSuites.	Planning Optimization and Demand Planning support scalable supply planning, CTP and richer demand inputs with expanding AI-assisted forecasting.
Warehouse / logistics	Strong inventory and warehouse capabilities, plus dedicated Infor WMS / SCM options for sophisticated distribution and fulfillment.	Advanced WMS supports configurable work, waves, mobile execution, replenishment, batch / serial control, manufacturing integration and native TMS.
Integration / automation	Infor OS / ION, APIs, workflows and process automation connect CloudSuites and third-party applications.	Dataverse, Power Platform, business events, APIs and dual-write support low-code apps, automation and cross-application integration.
Data / analytics	Embedded analytics and platform services provide role-based insights across CloudSuite environments.	Power BI, Microsoft Fabric and Azure extend ERP data into broader analytics, data engineering and enterprise AI scenarios.
UX / AI agents	Role-based CloudSuite experiences plus GenAI, Process Mining and Industry AI Agents across the modern Infor platform.	Modern cloud UX with embedded Copilot experiences and an expanding agent ecosystem across Finance, SCM, Microsoft 365 and Copilot Studio.
Global scale	Supports multinational operations and localizations, particularly within focus industries; consistency can vary by CloudSuite / product lineage.	Globalization and localization tooling support multi-country operations, compliance and complex multi-entity operating models.
Extensibility / low-code	Configuration, APIs and workflow tools are available, but extension patterns differ somewhat across LN, M3 and other product lineages.	Power Apps, Power Automate, Dataverse, Copilot Studio and Azure services provide a broad low-code and extension environment around ERP.

What a move to Dynamics 365 F&O can change

- Move from a specialized ERP operating model to a broader Microsoft platform connecting ERP, CRM, collaboration, data, low-code apps and AI.
- Standardize finance and supply-chain processes across entities while retaining complex manufacturing, warehouse and transportation capabilities.
- Use Dataverse, business events and Power Platform to reduce selected point-to-point integrations and extend workflows outside the ERP core.
- Connect ERP data to Microsoft Fabric, Power BI and Azure for enterprise analytics, planning and AI use cases.
- Use Copilot Studio and custom agents to extend ERP workflows with human-governed AI across finance, supply chain, sales and service.
- Use the migration to rationalize historical data, reports, integrations and customizations instead of carrying them forward by default.
- Decision principle: Infor CloudSuite is not an obsolete platform. Build the migration case on operating-model fit, Microsoft ecosystem strategy, customizations, skills, data / integration complexity, TCO and change impact - not on a legacy-ERP narrative.