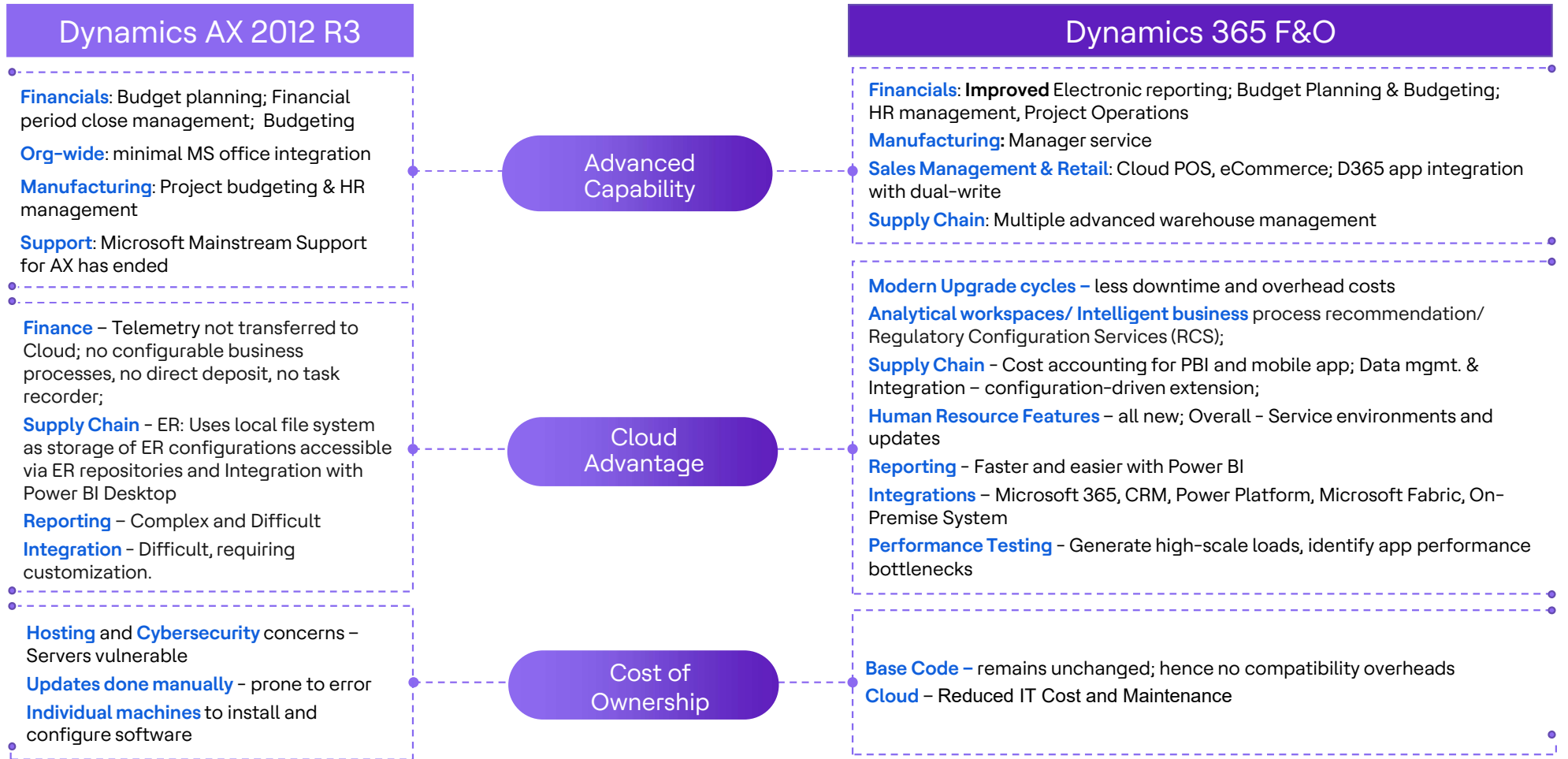HCLTech | Supercharging Progress™

AXcelerate

Scaled Framework for AX 2012 to Upgrade, Migrate and Modernize to Dynamics 365 (F&O)

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Dynamics AX 2012 R3 and Dynamics 365 (F&O) – Key improvements

Dynamics AX 2012 R3

Financials: Budget planning; Financial period close management; Budgeting

Org-wide: minimal MS office integration

Manufacturing: Project budgeting & HR management

Support: Microsoft Mainstream Support for AX has ended

Finance – Telemetry not transferred to Cloud; no configurable business processes, no direct deposit, no task recorder;

Supply Chain – ER: Uses local file system as storage of ER configurations accessible via ER repositories and Integration with Power BI Desktop

Reporting – Complex and Difficult

Integration – Difficult, requiring customization.

Hosting and **Cybersecurity** concerns – Servers vulnerable

Updates done manually - prone to error

Individual machines to install and configure software

Dynamics 365 F&O

Financials: **Improved** Electronic reporting; Budget Planning & Budgeting; HR management, Project Operations

Manufacturing: Manager service

Sales Management & Retail: Cloud POS, eCommerce; D365 app integration with dual-write

Supply Chain: Multiple advanced warehouse management

Modern Upgrade cycles – less downtime and overhead costs

Analytical workspaces/ Intelligent business process recommendation/ Regulatory Configuration Services (RCS);

Supply Chain - Cost accounting for PBI and mobile app; Data mgmt. & Integration – configuration-driven extension;

Human Resource Features – all new; Overall - Service environments and updates

Reporting - Faster and easier with Power BI

Integrations – Microsoft 365, CRM, Power Platform, Microsoft Fabric, On-Premise System

Performance Testing - Generate high-scale loads, identify app performance bottlenecks

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Base Code – remains unchanged; hence no compatibility overheads

Cloud – Reduced IT Cost and Maintenance

Center nodes:
- Advanced Capability
- Cloud Advantage
- Cost of Ownership

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Upgrade, Migration and Modernization Drivers

Upgrade/ "Lift and Shift"

De-risk operations through minimal investment

- End of support from Microsoft. More of a compulsion
- Keeping lights on with no clear technology roadmap yet
- Minimal involvement of business
- No possibility of business expansion across GEOs or business units

Migration/ "Reimplementation"

Enable and empower the business for growth

- Reduce technical debt through significant reduction in customizations
- Enhance business user experience through modern user interface
- Introduce Self-service analytics for business for informed decision-making
- Increase teamwork and operational efficiency through enhanced collaboration
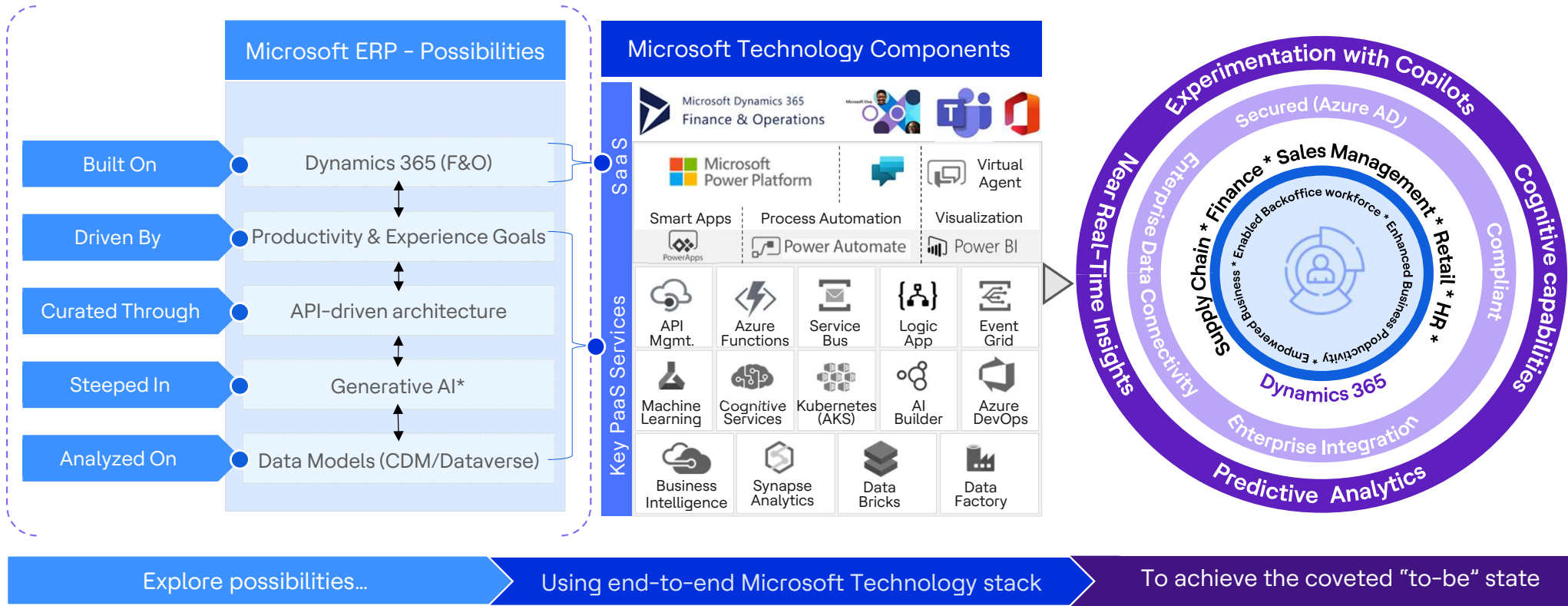
Modernization

Prepare the business for future disruptions

- Experiments with latest Microsoft offerings like Copilot
- Help business to be ready for disruptions through Open AI
- Assist business to derive actionable insights based on intelligence across the enterprise and not just ERP
- Citizen Development – Creation of business applications and features by the employees who use them
- Make way for Digital Transformation

According to a report published by "App Run the World" in September 2022, Microsoft Dynamics ERP is the fastest growing major vendor in the market, amongst the likes of SAP, Intuit and Oracle, growing at well over 25%. Also, it is one of handful of leaders in the Gartner's magic quadrant for cloud ERP
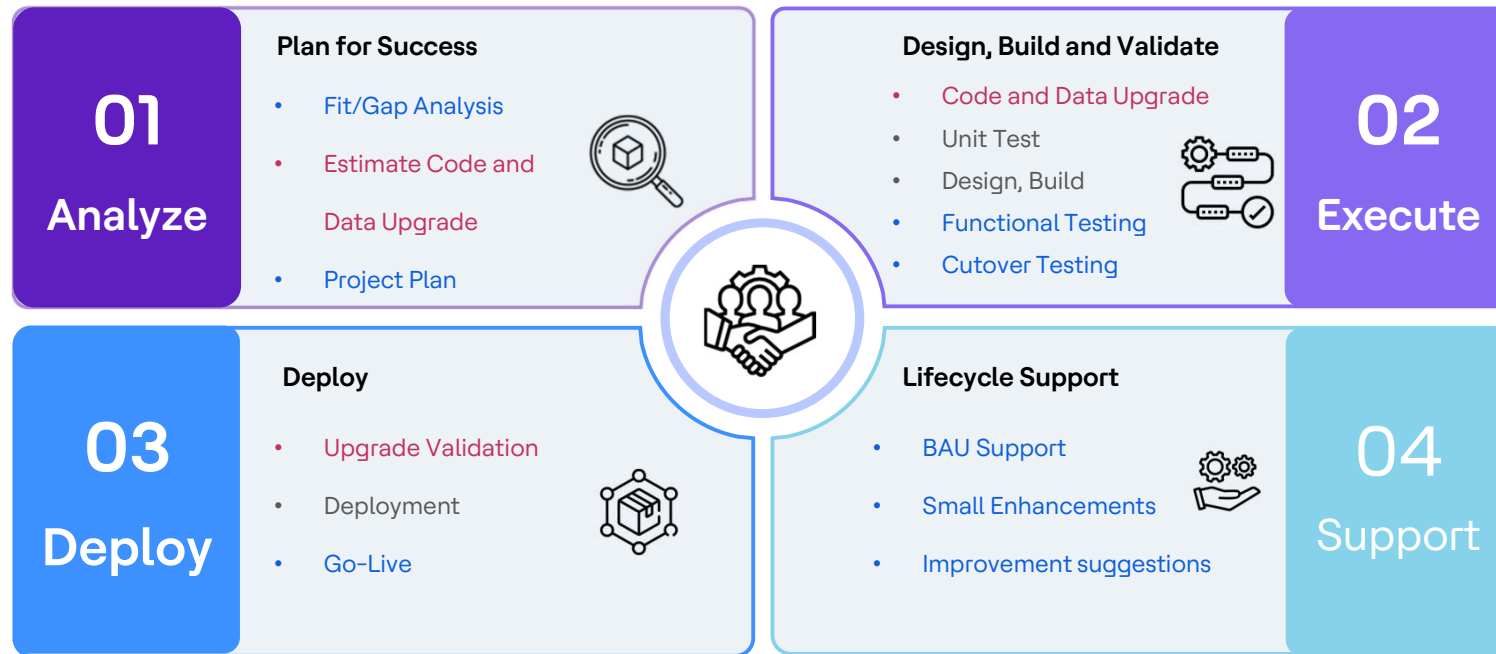
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Why modernize?

To bring back office closer to the front-office, where the customer meets the enterprise...

Microsoft ERP - Possibilities

Built On	Dynamics 365 (F&O)
Driven By	Productivity & Experience Goals
Curated Through	API-driven architecture
Steeped In	Generative AI*
Analyzed On	Data Models (CDM/Dataverse)

Microsoft Technology Components

SaaS

Microsoft Dynamics 365 Finance & Operations

Microsoft Power Platform

Smart Apps — PowerApps
Process Automation — Power Automate
Visualization — Power BI
Virtual Agent

Key PaaS Services

- API Mgmt.
- Azure Functions
- Service Bus
- Logic App
- Event Grid
- Machine Learning
- Cognitive Services
- Kubernetes (AKS)
- AI Builder
- Azure DevOps
- Business Intelligence
- Synapse Analytics
- Data Bricks
- Data Factory

Outer ring labels

Experimentation with Copilots · Cognitive capabilities · Predictive Analytics · Enterprise Integration · Enterprise Data Connectivity · Near Real-Time Insights

Secured (Azure AD) · Compliant

Supply Chain * Finance * Sales Management * Retail * HR *

Empowered Business * Enabled Backoffice workforce * Enhanced Business Productivity *

Dynamics 365

Explore possibilities...	Using end-to-end Microsoft Technology stack	To achieve the coveted "to-be" state

*Details on the next slide

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The high-level approach – Upgrade or Migrate

01 Analyze

Plan for Success

- Fit/Gap Analysis
- Estimate Code and Data Upgrade
- Project Plan

02 Execute

Design, Build and Validate

- Code and Data Upgrade
- Unit Test
- Design, Build
- Functional Testing
- Cutover Testing

03 Deploy

Deploy

- Upgrade Validation
- Deployment
- Go-Live

04 Support

Lifecycle Support

- BAU Support
- Small Enhancements
- Improvement suggestions

Legend for **Text color:** ■ Upgrade ■ Migrate ■ Both

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Differentiation in Tooling

Object State	Microsoft Upgrade Tool	HCLTech Upgrade Tool
New Data Types	●	●
Simple new Logic / DB related	●	●
New Security Related	●	●
Modified Security Related	○	●
Modified Data Types	○	●
Medium complexity modified Logic / DB related	○	●

● Fully addressed   ○ Not available or partially addressed

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