



ENTERPRISE AI READINESS · ASSESSMENT SUMMARY

Enterprise AI Readiness & Opportunity Assessment Executive Summary

· CONDENSED FROM THE FULL DIAGNOSTIC ASSESSMENT

CLIENT	ABC Manufacturing Inc.
CONSULTANT	Alplay Technologies Pvt. Ltd.
ASSESSMENT TIER	Premium Diagnostic Consultation · USD 499 Portal
INDUSTRY	Industrial Manufacturing & Distribution
HEADQUARTERS	Dallas, Texas, USA
EMPLOYEES	300 Employees · 4 Locations
ANNUAL REVENUE	USD 10,000,000
ASSESSMENT DATE	June 2026
CURRENT AI MATURITY	2.5 / 5 (Developing)
TARGET OPERATIONAL STATE	4.2 / 5 (AI-Unified Enterprise)
ANNUAL AI BUDGET	USD 50,000
REPORT TYPE	Executive Summary (condensed from 27-page report)

1. THE BOTTOM LINE

ABC Manufacturing scored **62.15% (Developing Maturity)** across an 83-point AI readiness review. Strong IT infrastructure provides an excellent foundation, but a Security & Governance gap must be closed first. Deploying six MCP-connected AI agents into existing systems will reclaim **15,340 staff-hours** and **USD 536,900** in year-one labor savings — a **1,018.5% ROI** on a USD 48,000 investment, with breakeven in **32 days**.

62.15% AI READINESS	USD 536.9K YEAR-1 SAVINGS	1,018.5% YEAR-1 ROI	32 DAYS PAYBACK
USD 48K INVESTMENT	15,340 HOURS RECLAIMED	6 TIER-1 AGENTS	90 DAYS TO PRODUCTION

KEY POINTS

• CORE PROBLEM:

An estimated 15,340 staff-hours are lost annually to manual reporting, invoice matching, and support triage — direct costs exceeding USD 537,000.

• STRATEGIC FIX:

Six AI agents connect via API into existing QuickBooks, Salesforce, SAP MES, and Zendesk — automating high-friction workflows without replacing any software.

• THE ONE BLOCKER:

Shared plant-floor logins and a missing AI governance policy must be resolved in a focused 30-day remediation window before any agent goes live.

2. READINESS SNAPSHOT

Six weighted pillars determine the composite score. IT Infrastructure is a strength; Security & Governance is the critical gap that must be remediated first.

Pillar	Score	Status	Implication
IT Infrastructure	88%	STRONG	Hybrid Azure + Entra ID ready for MCP deployment
Data Foundations	65%	DEVELOPING	Needs Azure AI Search vector index before RAG
Human Capital	58%	DEVELOPING	Early AI adoption; needs prompt training
Process Quality	55%	WEAK	Email-driven workflows; 3-5 day reporting gaps
Data Governance	50%	WEAK	No classification or PII tagging framework
Security & Governance	42%	CRITICAL	Shared logins, partial MFA, no AI policy — fix first
COMPOSITE	62.15%	DEVELOPING	Strong base, clear path to Optimized (4.2/5)

3. PRIORITY AI OPPORTUNITIES

The four highest-density Tier-1 agents account for USD 486,700 of the USD 536,900 total projected annual savings and are recommended for immediate deployment.

Agent	Dept	What It Does	Year-1 Impact	Tier
Invoice Matcher	Finance	OCR + 3-way match in QuickBooks	USD 227,500 · 0% errors	TIER 1
CS Triage Agent	Support	RAG Zendesk reply drafting	USD 163,800 · 70% auto-resolve	TIER 1
Sales Compliance	Sales	Salesforce quote + pricing checker	USD 145,600 · +18% win rate	TIER 1
MES Log Summary	Mfg	NLP shift summaries + OEE alerts	Real-time visibility (Phase 2)	TIER 1
PO Routing / Exec Briefing	Ops	Approval routing & KPI briefings	50% faster approvals; live dashboards	TIER 2

4. FINANCIAL CASE

Savings by Dept	Investment (USD 48K)
Finance (25 users)	RAG pipeline engineering
Customer Service (15)	MCP server & API setup
Sales (40)	Tokens + training + security
TOTAL (Year 1)	TOTAL

KEY POINTS

• **DIRECT VALUE:**

USD 48,000 drives USD 536,900 in first-year savings — a 10x return grounded in pre-audited hours, not projections.

• **YEAR-2 COMPOUNDING:**

Manufacturing deployment adds ~USD 280,000; by Q4 monthly savings exceed USD 165,000 (annualized trajectory above USD 1.98M).

5. CRITICAL RISKS TO RESOLVE FIRST

These findings are hard blockers or high-priority guardrails. All must be addressed within the first 30 days as a precondition for agent deployment.

Vulnerability	Risk	Compliance	Fix	By
Shared SAP MES logins	CRITICAL	ISO 27001 · SOC 2	Individual Entra ID accounts for 120 plant users	Day 14
No AI governance policy	HIGH	GDPR · CCPA · EU AI Act	Write & ratify AI Acceptable Use Policy	Day 30
Excess admin permissions	HIGH	SOC 2 Least Privilege	RBAC audit; user-scoped agents	Day 21
Inconsistent MFA	MEDIUM	ISO 27001 Core	Universal Entra ID MFA across 300 users	Day 21

6. 90-DAY & 1-YEAR ROADMAP

Phase	Timeline	Focus	Outcome
Foundation	Days 1-30	Security remediation + MCP infra	100% MFA · AI policy signed · zero shared creds
Build & Integrate	Days 31-60	Agent build + sandbox testing	3 Tier-1 agents pass UAT · <20ms retrieval
Pilot & Launch	Days 61-90	Production pilot, 80 users	Live savings validated · zero security alerts
Q2 Scaling	Months 4-6	All 300 users + Mfg agent	6 agents live · USD 112K/month run rate
Q3 Integration	Months 7-9	ERP-MES sync + stock optimization	9 agents · USD 140K/month run rate
Q4 Predictive	Months 10-12	Predictive maintenance + forecasting	12 agents · full USD 536.9K · AI CoE established

RECOMMENDATION

Proceed immediately with Phase 1 security remediation while provisioning the Azure AI Search index and MCP infrastructure in parallel. This ensures all three Tier-1 agents enter sandbox testing by Day 31, deliver live production savings by Day 61, and reach the full USD 536,900 annual run-rate by the end of Quarter 1. The infrastructure is strong, the ROI is defensible, and the only barrier — the Security & Governance gap — is resolvable in 30 days.

This summary condenses the full 27-page Enterprise AI Readiness & Opportunity Assessment. Refer to the complete report for detailed diagrams, department-wise recommendations, and the full KPI framework.