



IBM Consulting

G-Cloud 15 IBM - Generative AI for Finance Function

Service Definition Document

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IBM's Generative AI for Finance Offering

Deliver growth, agility, operational efficiency and enhance finance customer experience powered by data and AI



E2E Finance Transformation

Reimagine your finance operations, embed finance expertise across your enterprise, and harness the power of hybrid-cloud and AI software technologies to transform end-to-end operational workflows.



Modernise core finance process

Modernise your core ERP and EMS systems and augment core finance processes like source-to-pay, order-to-cash, record-to-analyse, and financial planning and analytics with the capabilities of generative AI powered automation.



Boost efficiency w/ AI assistance

Enhance essential finance workstreams, improve reporting and customer experience with Ask Finance – an integrated generative AI-powered digital assistant that gets work done in more efficient and streamlined ways.



Data that drives AI value creation

Explore ways to enrich your data and equip your finance operation with AI-led insights that help maximise ROI, drive productivity, and extract greater value from investments in your core ERPs - with a unified data, AI and automation platform.

Our Key Principles - Unlock. Transform. Accelerate.

At IBM, we don't just implement AI—we lead end-to-end transformation with a focus on outcomes, scale, and trust. Our principles are grounded in delivering real business impact through intelligent design and execution.

Unlock early wins to build momentum

Kickstart transformation with targeted, high-impact initiatives that **deliver measurable productivity gains within 12–24 months**. Focus on core finance areas to achieve:

- 95% of sales orders require no human intervention
- 95% of invoices are paid on time
- 86% of J/E, 49%, intercompany and 48% of accruals are automated

These early wins build credibility and lay the foundation for scaled transformation.

Transform core finance processes with Agentic AI

Harness **IBM's deep research** and proven capabilities in Agentic AI to rearchitect finance workflows—driving speed, accuracy, and strategic value at scale. By embedding generative AI into core processes such as:

- **Order-to-Cash**
- **Procure-to-Pay**
- **Record-to-Report**

...we **eliminate inefficiencies, unlock real-time insights**, and enable finance to **operate as a proactive, data-driven partner** to the business

Accelerate with a Finance of the Future Team

Transformation doesn't stop at implementation. IBM recommends using a **dedicated Finance of the Future team** to sustain momentum, ensure alignment with the Client's enterprise AI vision, and drive continuous innovation.

Through **quarterly or bi-annual reviews with IBM's Finance Transformation thought leadership team**, the Client will gain access to best-in-class methodologies, emerging AI capabilities, and proven practices—keeping the transformation on track and ahead of the curve.

The Art of the Possible



Imagine if...

...agentic AI resolved supplier issues and timed payments automatically.

Source to pay

...AI agents ran the close, flagged anomalies, and prepared reports on their own.

Close and control

...every partner had an AI that surfaced insights and ran what-ifs.

Corporate finance partners

...AI agents adjusted plans in real time based on supply and cost shifts.

Supply chain finance operations

...AI agents handled filings and tracked regulations in real time.

Tax operations

This revolutionises finance and drives the urgent case for AI

Strengths of Human

- Planning & Architecture
- Intuition & Interpretation
- Engagement & Messaging
- Exception handling
- Policy definition & Governance
- Strategic judgement & Evaluation

AI

Strengths of Machines

- Computation & Forecasting
- Process execution
- Alerting & Notification
- Compliance execution
- Routine decision making
- Evaluation & Recommendation

The Opportunity



Transform finance from transactional to strategic through AI-embedded workflows



Optimise costs while boosting productivity through intelligent automation of high-volume activities



Orchestrate seamless human-AI partnerships across functional boundaries



Reimagine roles and skills for the digital finance function of tomorrow



Deploy governed, traceable AI agents that maintain regulatory compliance



Foster an AI-first culture that embraces continuous transformation

Potential Outcomes

~15%

Productivity gain through standardisation & optimisation

25-35%

Improvements in operational efficiency

40-60%

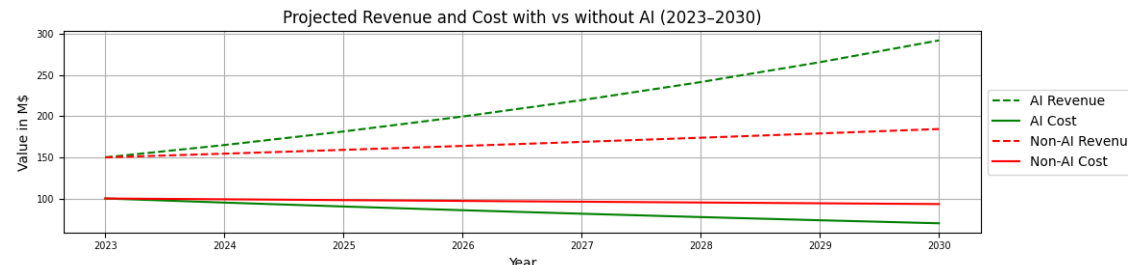
cost savings in select Finance functions

~90%

Improvement in time to decision support

3x

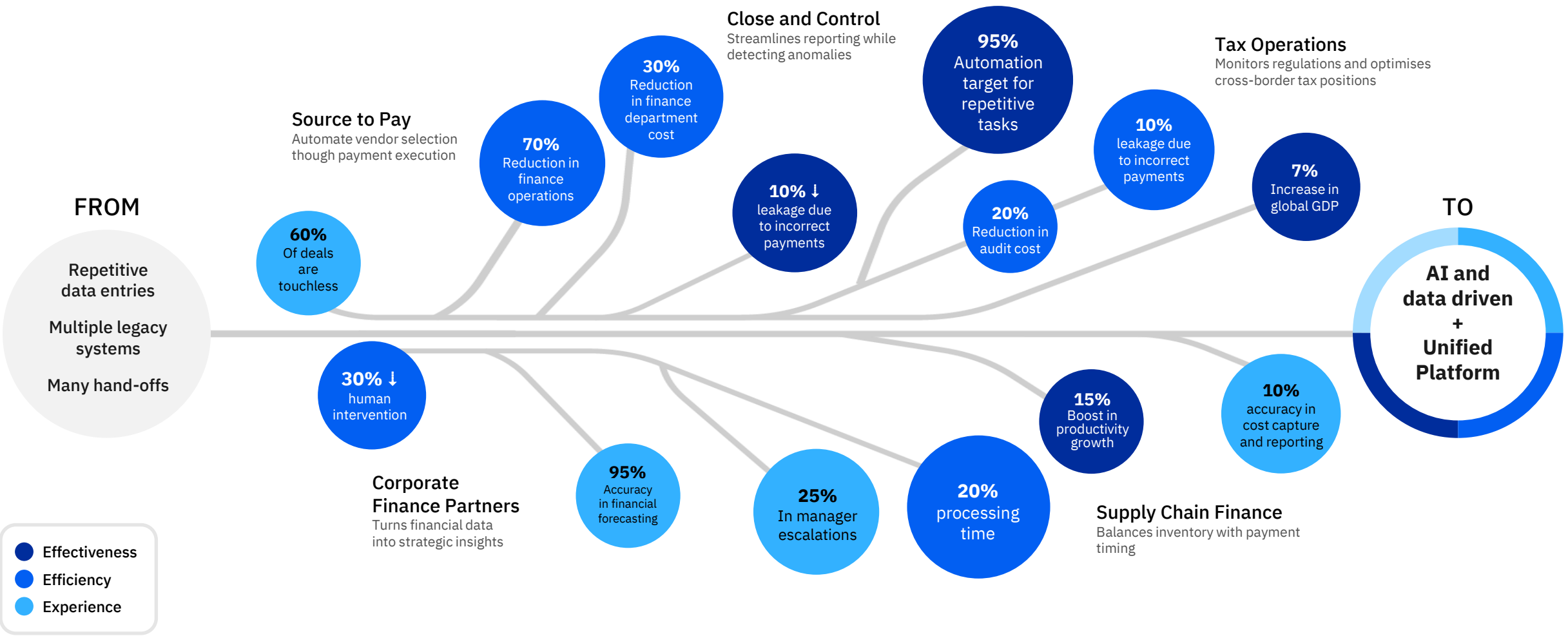
monthly close cycles with agentic automation



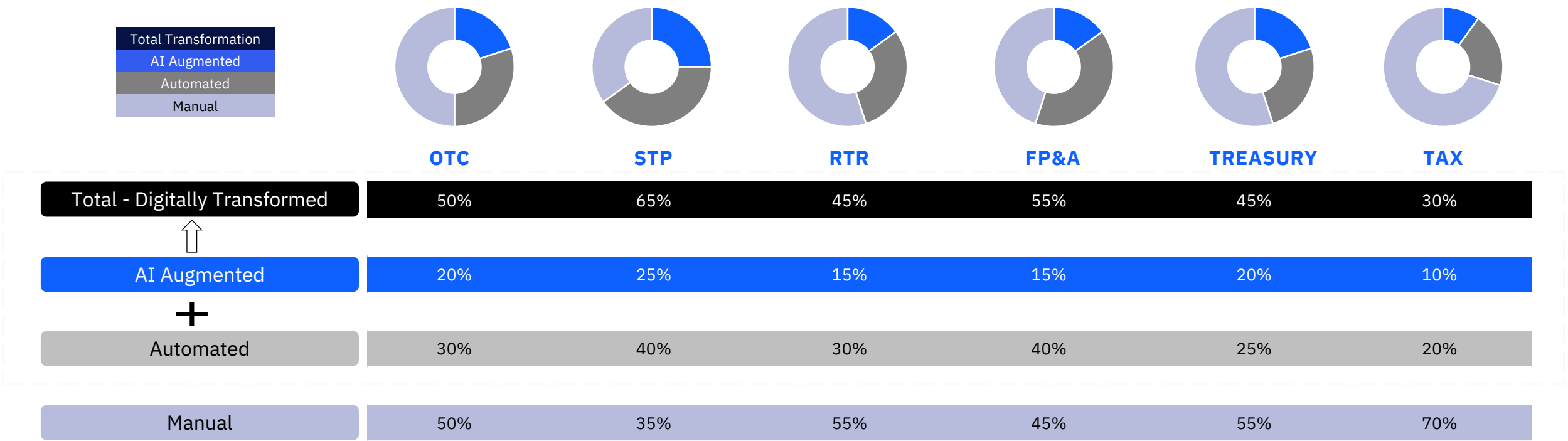
Illustrative chart

Outcomes to target for your Finance Digital Transformation

Orchestrate value across your organisation to achieve structural and enduring change to deliver 30 – 50% in efficiencies and value with a focus on the following areas.



IBM transforms our clients' finance organisations with Automation and AI



Expense Insight: Expense audit automation & Fraud detection

65% workforce efficiency through automation of receipt verification.

Close & Consolidations

AI for process standardisation & automation, identification of efficient personnel, redistribution of workload

24% increase in efficiency

Financial Planning

Real-time performance insight across business domains

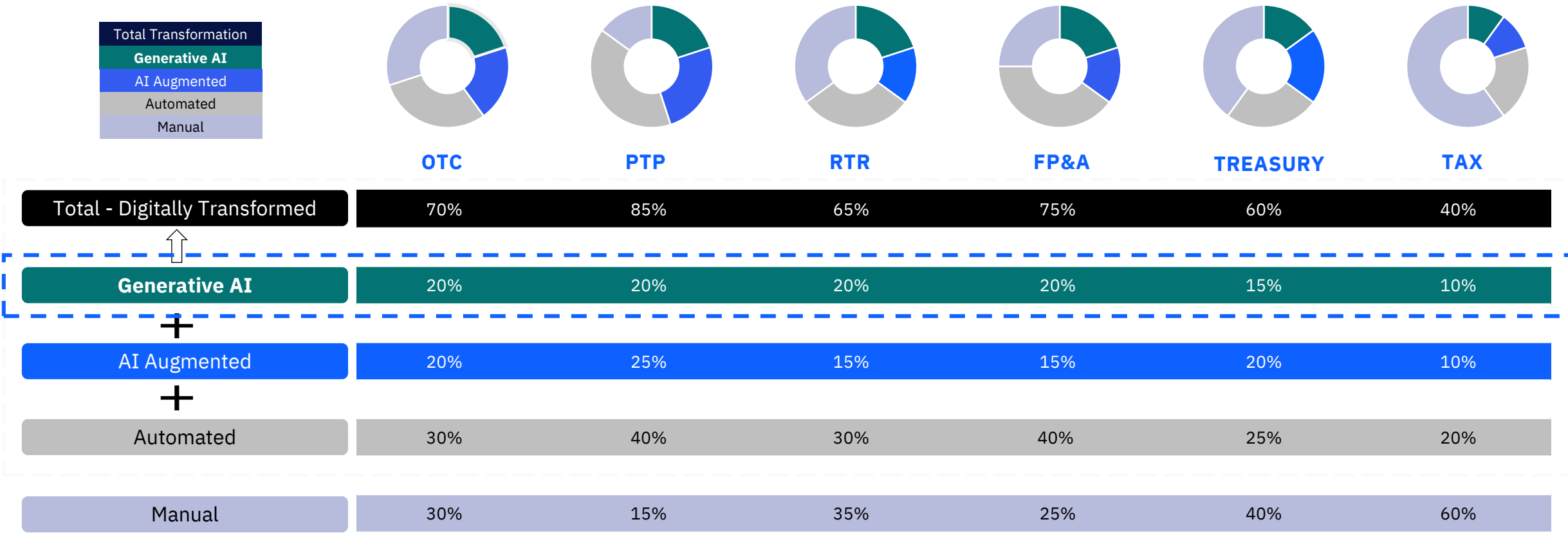
98% budget & forecast model integrated, +300 reporting application aggregated;

Market Performance Comparison

Quantitative capture of critical corporate events and trends

90% decrease in time spent on market research, 10x news reviewed

The next step is the inclusion of Generative AI within the Roadmap to future proof transformation and drive scalability



40% reduction in contract creation cycle time

75%+ of all POs have zero buyer involvement

70% increase in productivity through predicted and touchless processes

95% reduction in manual analysis and report creation

90% queries self-served

Service Definition

IBM Generative AI helps organisations step into the future of finance by enabling disruptive operating models, intelligent workflows, and proactive business insight. By leveraging next-generation ERPs, predictive analytics, and AI, we help finance move from retrospective reporting to forward-looking decision support.

We focus on the critical enablers required to deliver impact at scale—prioritised use cases, data and technology foundations, operating model design, and the talent and change capabilities needed to embed Gen AI sustainably across the finance function



Our Approach



Our Guidelines for effective AI-enabled business process transformation

Motivate, Don't Dictate To Do The Right Thing

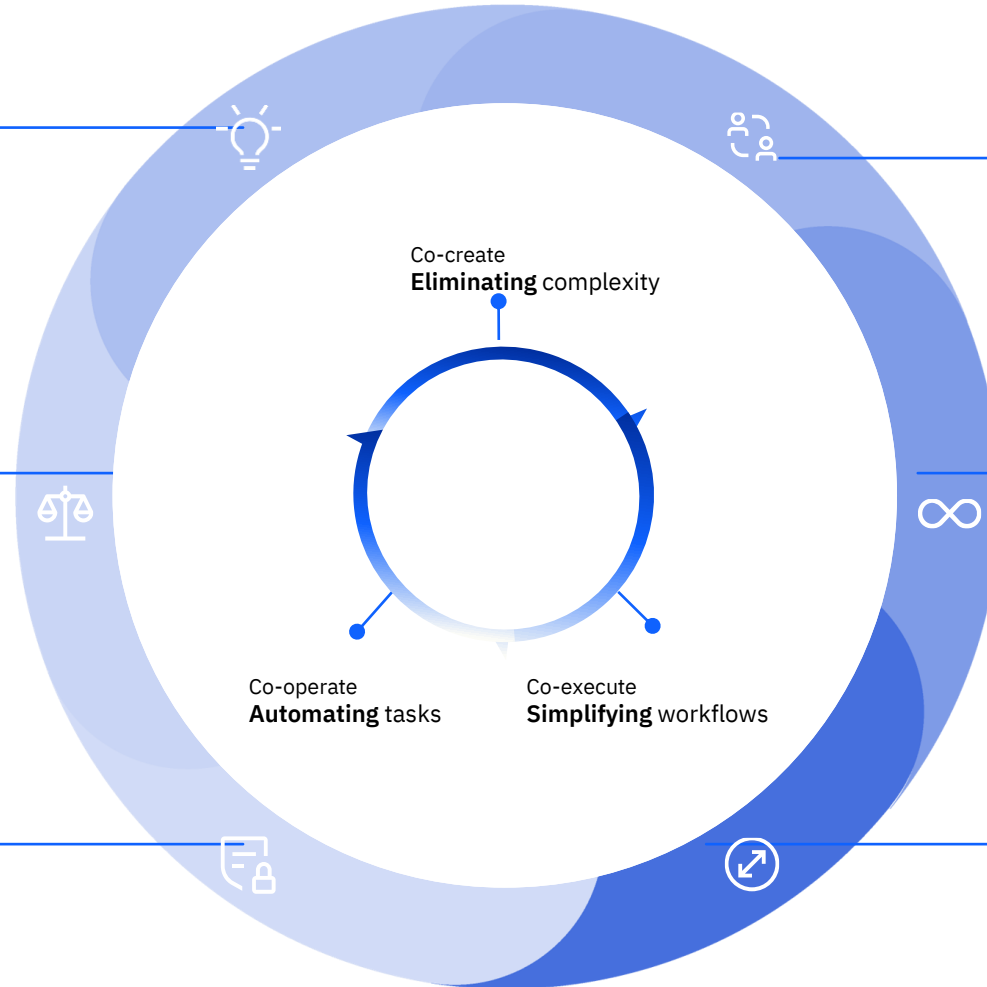
Empower product teams to make decisions autonomously and motivate each individual to do the right thing by emphasising on the value each team brings to Clients and their customers

Design with Ethics and Regulation in Mind

Prioritise ethical AI development, ensuring fairness, transparency, and accountability throughout the process

Ensure Security and Privacy

Protect data with strict and prominent adherence to data security measures and privacy regulations



Embrace Collaboration

Foster a culture of interdisciplinary collaboration and promote open communication to ensure development of effective and impactful AI products

Learn Continuously, Be Confident in Pivots

Continuously iterate by learning, gaining feedback, and adapting to changing needs

Optimise the “Whole” not the “Governance Part”

Focus on delivering solution outcomes, not governance outcomes, prioritise value to the builders

With steps to identify and assess the right opportunities to fast track your AI-fueled finance transformation

Deconstruct existing business workflows, eliminate redundancies, address pain points, and prioritise business problems by value and validate solution paths.

Determine the potential ROI for the prioritised sub-functions and reimagine each process to leverage people, process, data and technology to achieve the desired target state.

Actively manage technology to ensure performance, continuous improvement, product development.

Develop the business use case, value drivers, and key KPIs using the planned common value language developed by the IBM team

Determine how the workflow improvement will specifically sit within the Golden Thread impacting the the end-to-end experience

Scale and accelerate the impact of AI with trusted data and a proven delivery approach to assure your outcomes, at an unprecedented pace

Generative AI & Agentic AI Use Case Development

Value Realisation



Benefits Identification

- Determine benefit scope
- Agree on benefit areas of focus
- Identify benchmarks
- Collect historical performance data for baseline
- Establish baselines



Value Quantification

- Quantify benefit elements for each impacted process area
- Develop business case
- Gain approval on business case
- Identify specific, cascading KPIs
- Gather KPI baseline data
- Establish KPI targets and review with appropriate stakeholders
- Confirm and finalise targets with client's executive team



Ownership & Action Planning

- Identify executive benefit owners and any cascading ownership
- Adjust business case as appropriate
- Incorporate benefit targets into relevant "out-year" budgets
- Define any outstanding actions or initiatives required to realise benefits
- Communicate targets to project team and other relevant stakeholders

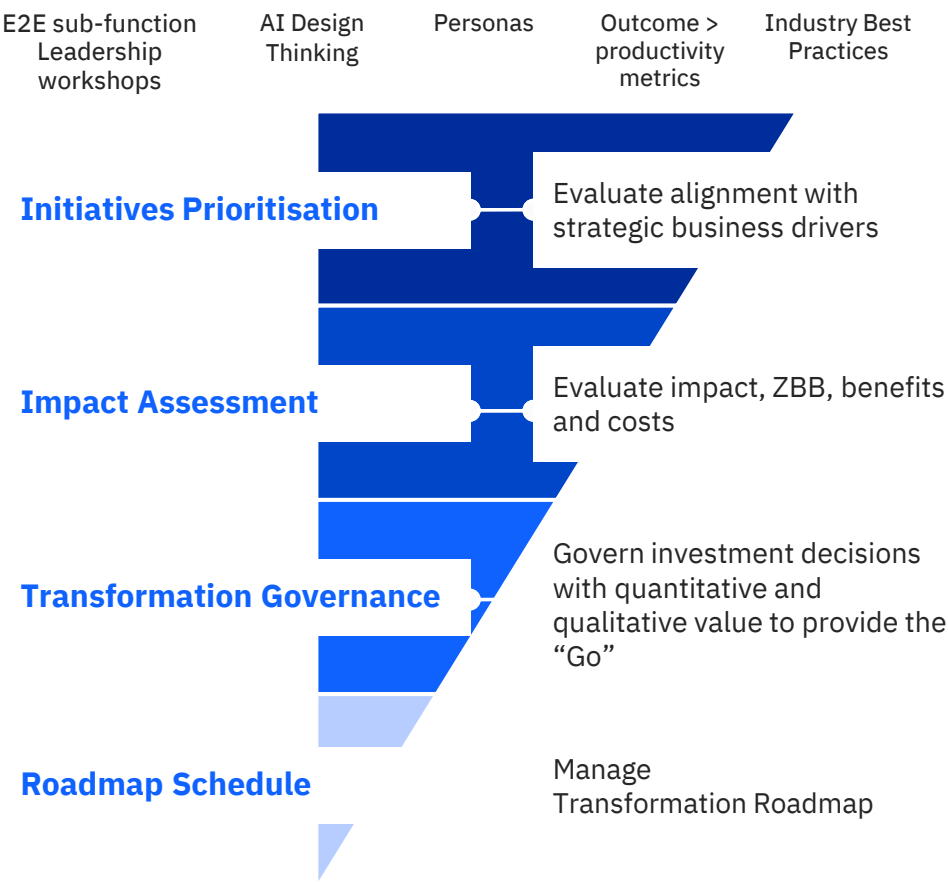


Benefits Scorecard & Reporting

- Establish reporting and meeting cadence
- Design and develop benefit scorecard/ dashboard
- Manage and close any outstanding actions/initiatives
- Develop reporting process
- Track benefit performance
- Compile benefit scorecard and report results

We apply a fact-based approach to use case value assessment and prioritisation leveraging several proprietary assets to identify the best starting point

Intake process and prioritisation framework

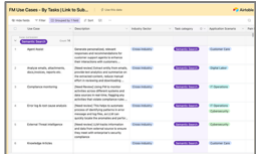


Tools

Jumpstart workflows



Use case libraries



Component business model



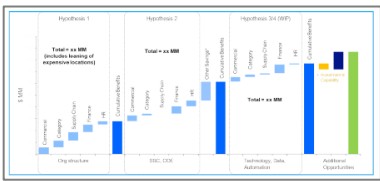
Value driver trees



Proprietary research and benchmarks



Business value model

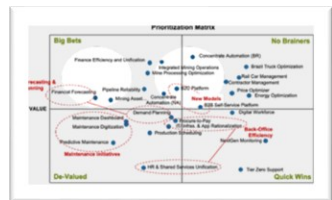


Outputs

Golden thread process



Prioritisation matrix



Value case and metrics



We will keep value orchestration at the heart of use case design and deployment to ensure continued rapid value realisation across all finance sub-functions

Value Orchestration

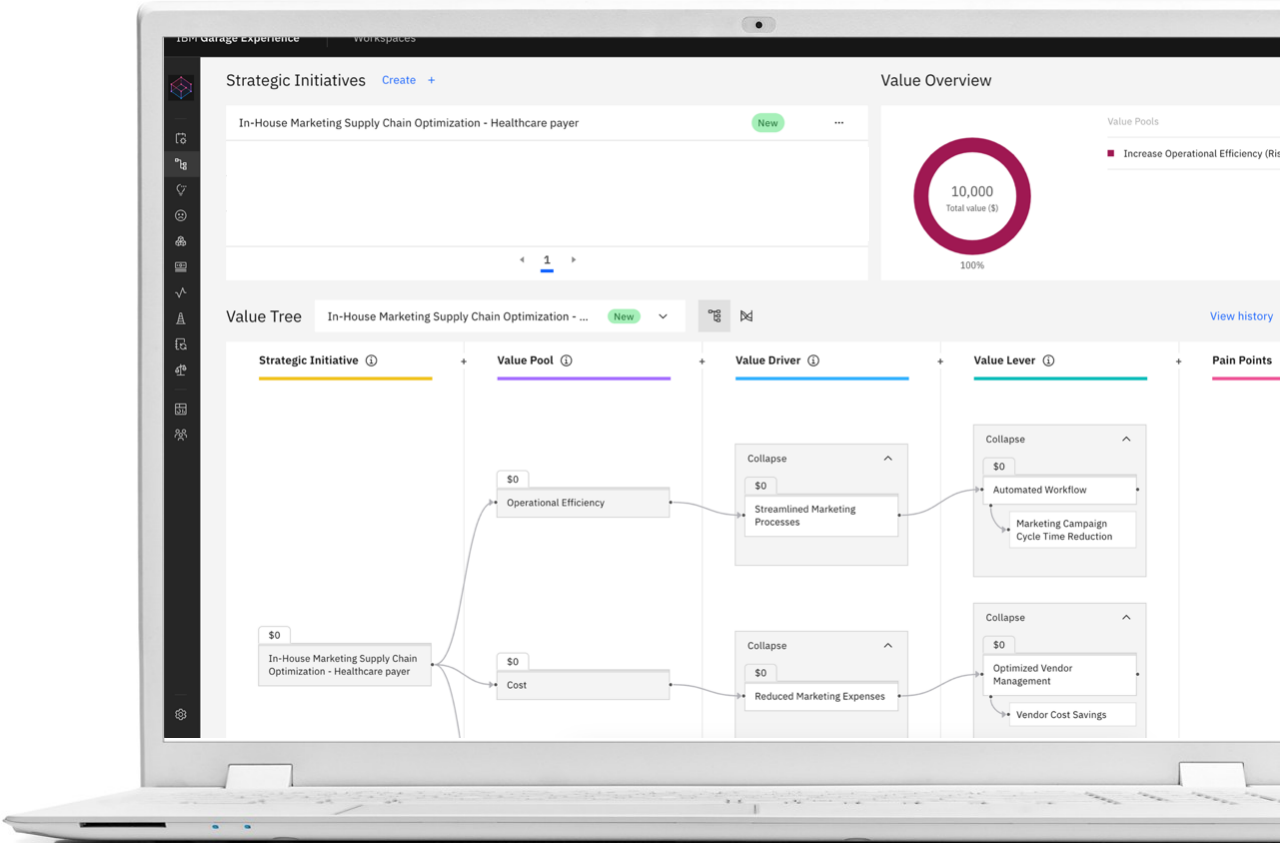
Understanding how generative and agentic AI can add meaningful value to your business is not a simple equation, it takes thought, research, models and data. This approach fosters collaboration based on hypotheses about what measures and conditions will change over time, allowing us to continuously de-risk and reprioritise objectively based on new learnings.

Prioritise use cases and align IBM and our Client on the opportunities for costs savings and roadmap for achieving their desired cost targets.



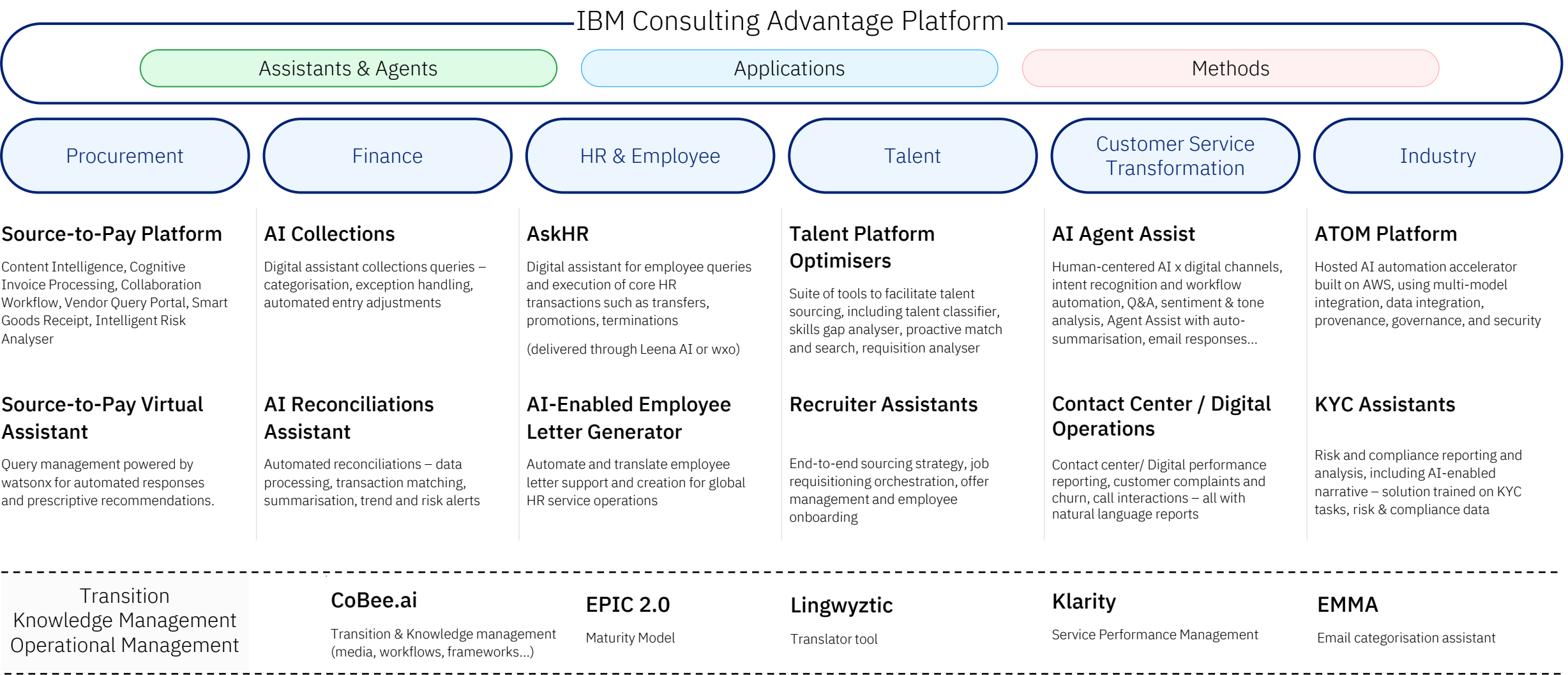
Key features include:

- Build opportunity canvases and value trees on use cases related to organisation restructuring, operational improvements, capacity management, process standardisation, and labor arbitrage
- Quantitative models that defines value pools, governs how we address pain points, and represents the impact of our work in alignment with those goals.
- Opportunity canvases to breakdown opportunity value across each sub-function
- Pain point tracker to prioritise the current state
- An accelerant to Agile that enables delivery teams with the freedom to change how they solve problems without requiring a new business case every time a solution pivots



We will leverage the IBM Garage Experience platform – An end-to-end workflow management and governance platform to drive a value-focused transformation.

Accelerating your end-to-end process transformation journey with our assets



Non-exhaustive list

Examples of Gen AI Finance use cases that we have developed for clients

1. Quick 'Decision-Support'

Crafting and narrating impactful management & statutory reports

Creation of commentary and narratives for financial dashboards and CFO Playbook (e.g., Analyst communications, Financial statements and Board of Directors reports, Sales Analysis, Cash Flow Analysis)



60%

reduction in manual report creation

90%

improvement in time to decision support

2. Ask 'Finance'

Conversing and engaging with self-service chat capabilities

Generation of interactive and intelligent human-like conversational answers to questions for vendors, customers and financial analysts (e.g., provide with operating expenses line items for this quarter)



70%+

Productivity Improvement

90%+

Improvement in time to decision support

3. 'Financial Intelligence' Advisor

Extracting and interpreting contract financial data

Automatic financial data extraction with recommendations for accounting treatment and actions (e.g., sales, real-estate, lease and project contracts, inter-company agreements)



85%

reduction in time spent reviewing contracts

40%

reductions in errors

4. Cash & Claims Advisor

Recovering cash by validating customer claims & deductions

Acceleration of claims & deduction processing time, identify patterns and trends (e.g., promotion deductions, chargebacks, insurance claims, rebates)



~60-70%

Revenue leakage savings

50%

Deductions management FTEs reduction

5. Intelligent Invoice Management

Matching and validating vendor invoices; Intelligent 4-way match

Identification of reasons for mis-matching and self-validation of data for exception handling (e.g., missing GR, price variance)



up to ~1%

Reduction in indirect spend

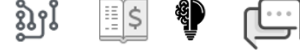
~400M\$¹

Reduction in indirect spend
¹based on selected client data

6. Policy & Compliance Advisor

Monitoring and enforcing policy changes, controls, and compliance

Detection of policy changes with impact assessment (e.g., labor, payroll, tax, environmental and sustainability requirement changes)



60%

productivity improvement in analysis and reporting

75%

improvement in quality

Built on Large Language Models (LLMs) optimising finance workflows, fueling creativity, and innovation

•The impact of generative AI | Accelerators and use cases



Unstructured Data



External Data



Hybrid AI/ML

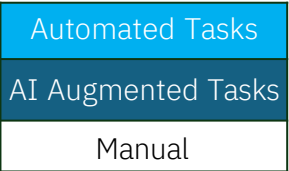


Visual Analytics

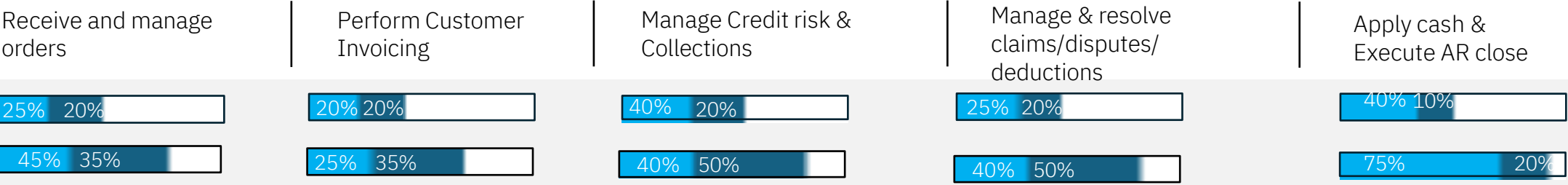


Interactive dialogue

Expected AI application and penetration across Finance processes

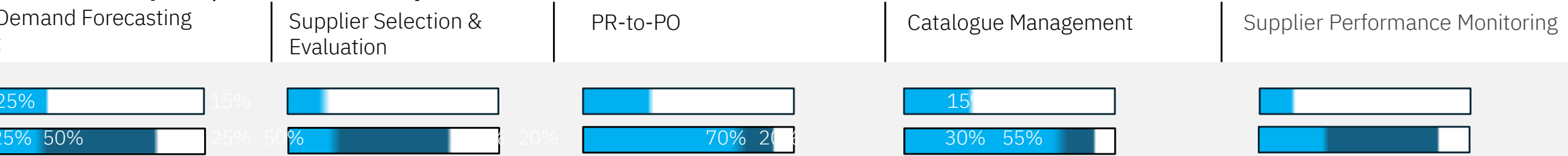


Order-to-Cash | Expected Productivity Gain >50%

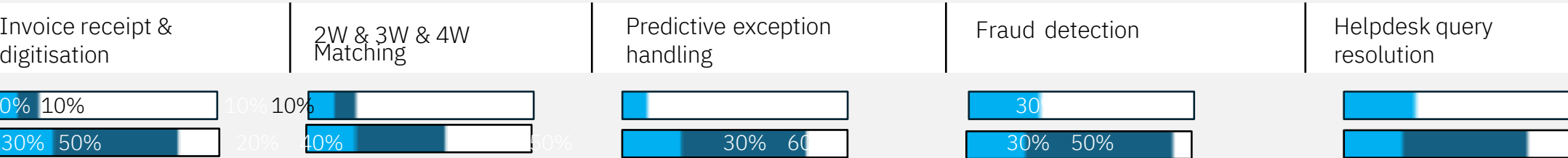


Source-to-Pay | Expected Productivity Gain >42%

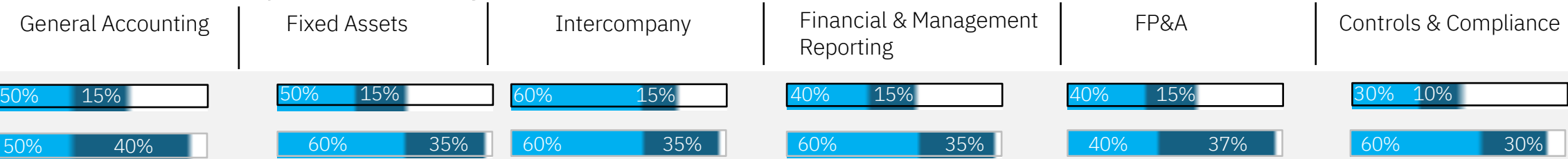
Procurement



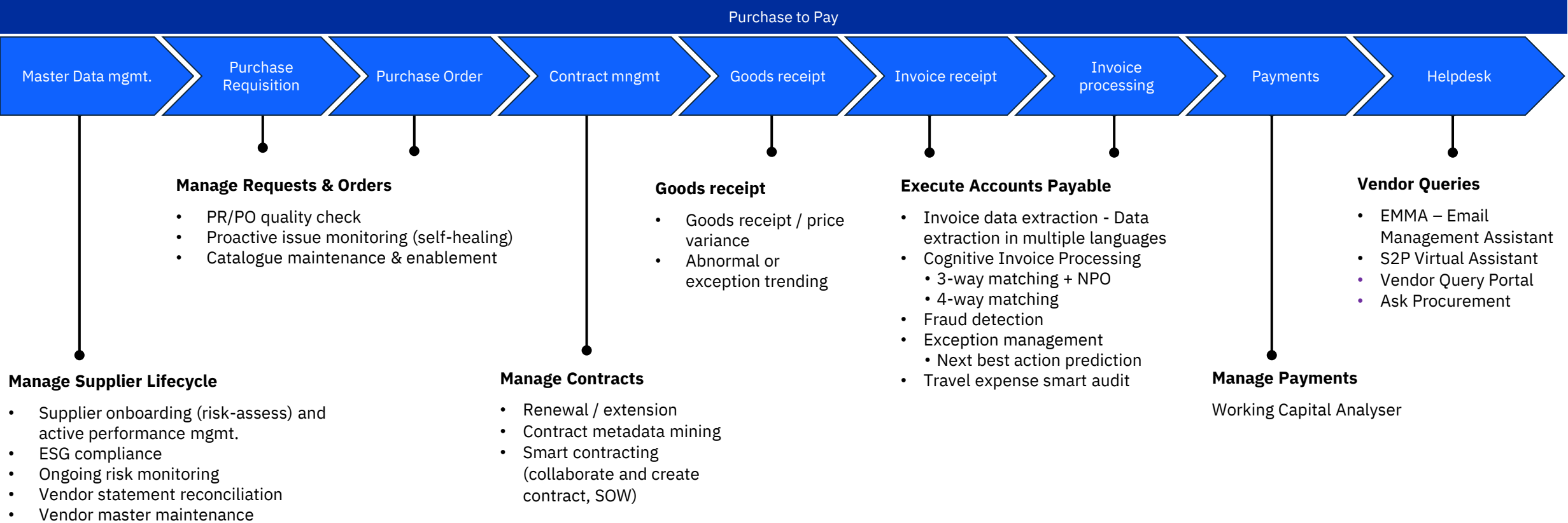
Payables



Record-to-Analyse | Expected Productivity Gain >52%



Our Agentic AI vision for the Purchase-to-pay enterprise process with potential outcomes



OUTCOMES

80% reduction for supplier onboarding time

90% e-invoicing globally

Real-time visibility to **100%** of enterprise spend

75% of all POs have no buyer involvement

40% reduction in contract creation cycle time

>10% Increase in Value from targeted Negotiation Contract Corporate Standards automatically enforced

> 90% reduction in processing turnaround time

< \$2 cost in touchless invoice processing

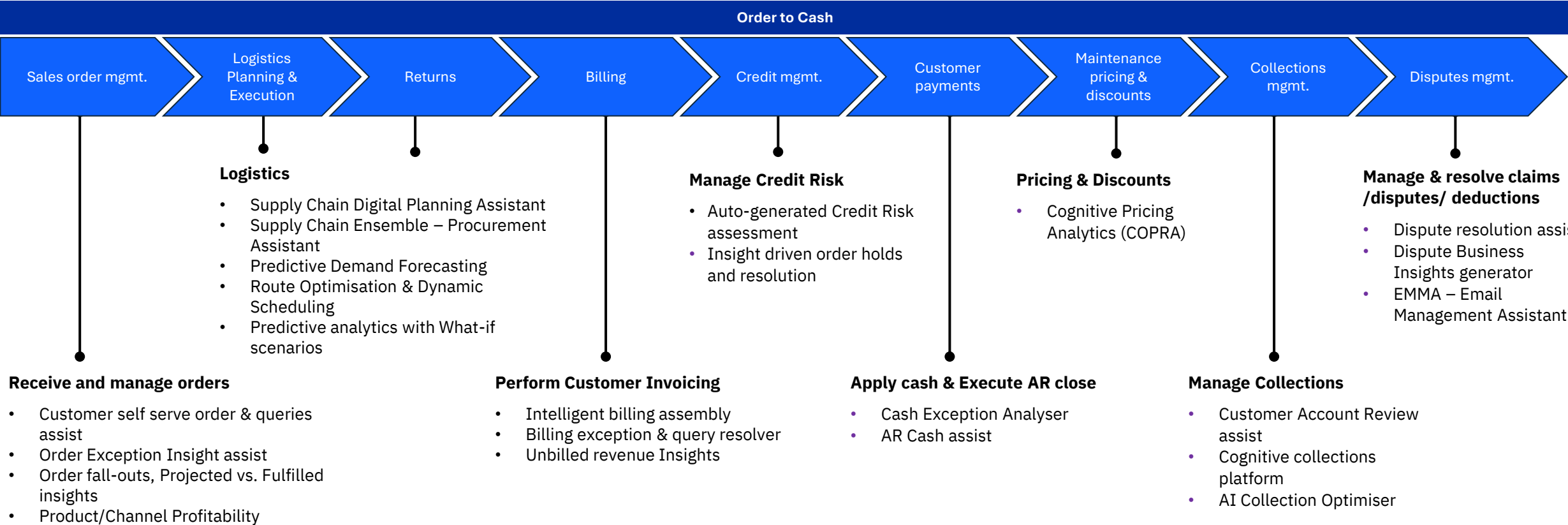
99% -time reduction for conducting pricing analyses

> 95% readiness to pay

90% query handling cycle time reduction

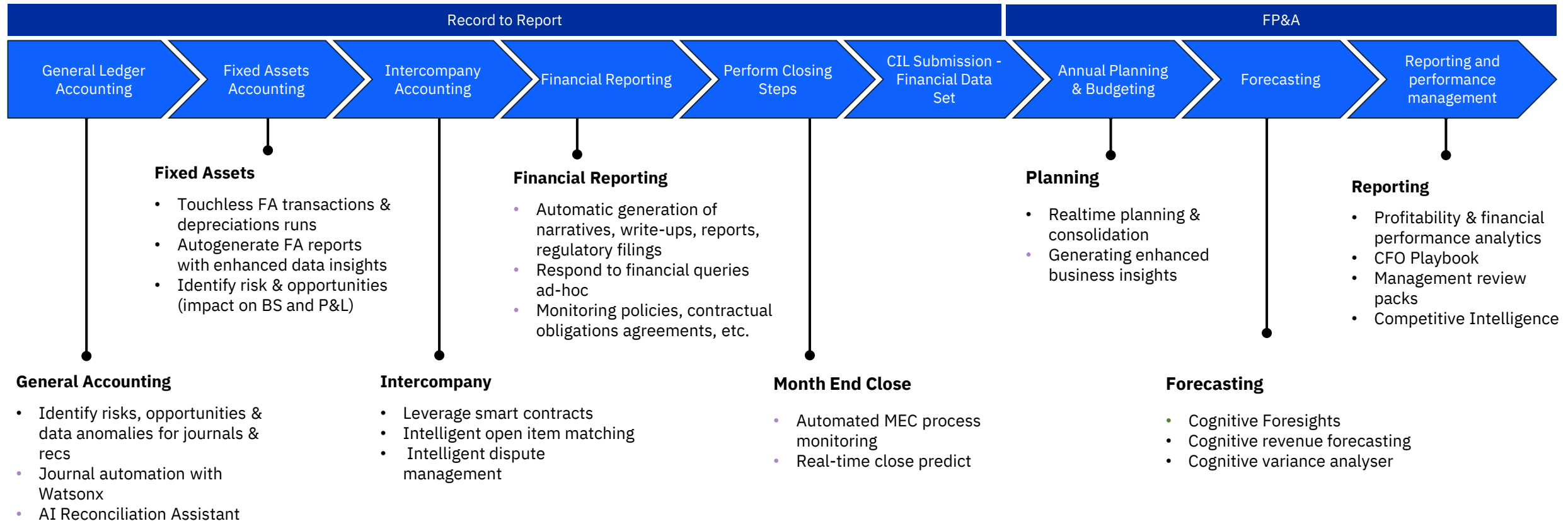
Up to **70%** query reduction

Our Agentic AI vision for the Order-to-Cash enterprise process with potential outcomes



OUTCOMES						
30-40% reduction in cycle time; order receipt to book	> 98% on time client deliveries	100% billing accuracy reducing revenue leakage	Real time & targeted business insights	90% touchless cash applications	15-20% reduction in DSO	50-70% reduction in cycle time; dispute receipt to resolution
100% Real-time visibility to Order status	> 95% Reduced time for supply chain issues resolution	> 99% Overtime billing reducing revenue leakage		50-70% faster reconciliations		Up to 50% increase in customer satisfaction

Our Agentic AI vision for the Record-to-Report enterprise process with potential outcomes



OUTCOMES

95% Touchless process with continuous financial closing

50%+ increase in productivity through predicted and touchless processes

95%+ Touchless FA transaction processing

20%+ cost reduction for FA function in the organisation

90% Intercompany disputes eliminated

Zero Intercompany aged open items

100% Real-time visibility to key decisionmakers of enterprise performance

90% improvement in time to decision support

Up to **98%** increased forecast accuracy

50-60% more time in business partnering through use of digital insights

> **95%** reduction in manual analysis and report creation

IBM Case Studies



Finance AI Collections



Challenge

The client's collections team received over 100K queries per month from multiple requestors through different sources. Traditionally, collectors handle these queries manually, consuming 30-40% of their time. This limits the collectors' availability for dedicated account coverage, resulting in high past due collections and high Day Sales Outstanding (DSO).

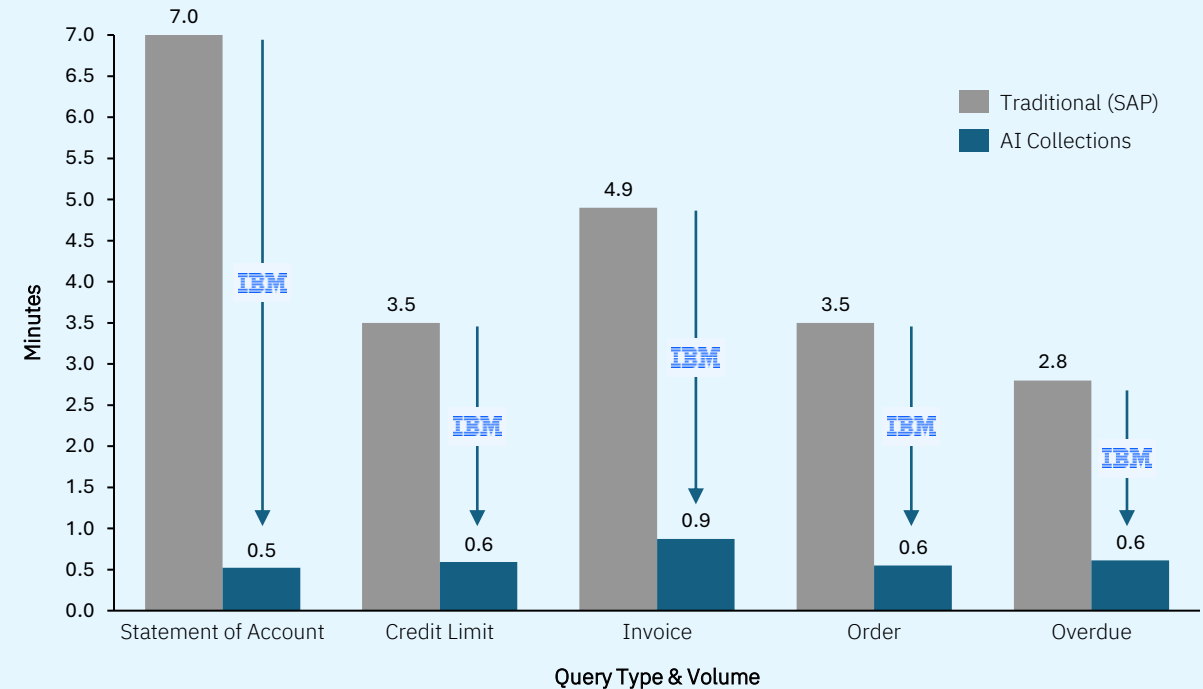
Solution

IBM partnered with the customer to deploy an AI Collections digital assistant to:

- **Integrate** different channels (Email, ServiceNow)
- **Auto-categorise** queries
- **Auto-extract** information
- **Create** insights and recommend actions
- **Generate** email responses / respond automatically

Scale and Operational Impact

Time needed to process query reduced by 75-90%



Outcomes

Query handling time
>50% reduction

Day Sales Outstanding
~10% improvement

Empower decision making using Gen AI infused Management Reporting



Key process challenges faced includes:

- Extensive manual labour driven excel/ppt based reporting
- Disparate source inputs with data challenges
- Dependency on members for narrative insights
- Potential Persona driven biased commentary
- Limited Market Insights/Competitor Data
- Crunched timelines for reviews

Joint Objectives:

- Reimagine Business Reviews through On-demand Digital Chat Services
- Automate Report Generation with Commentary
- Enhance User Experience with Risk Predictions and Dynamic Query Capabilities

Strategic Business Partner

€ 2 Mn
Gross
Savings over
5 Years

User Experience

100%
Visibility

- Leverage IBM Watsonx Platform features
- Automated commentary generation – reporting highlights and business performance narrative
- Variance analysis through GenAI-based insights
- Step-up analysis across regions/countries/BUs

- Business Review Advisor with focus on major risk & opportunities
- Controllers get enhanced narrative insights
- On-Demand Content Generation : Executive Packs, Audit Reports, Dashboards etc.

Improve Business Metrics

>75%
Manual
activities
reduction

>1.5X
Potential
ROI

- >50% More time in business partnering through use of digital insights
- Single source of truth through standardised dashboards with automated data ingestion and transformation
- “Ask Finance” chatbot capabilities with ability to query on any performance data or information on demand
- Generating additional content like dashboards, audit tables etc. leads to gainful insights/compliance
- Deeper Insights and Actionable Intelligence helps improve Financial Health

IBM as Client Zero

IBM has realised a \$3.5B productivity impact from our AI-enabled transformation journey, of which Finance is a key part

The productivity gains have enabled us to reinvest in Hybrid Cloud, AI, strategic partnerships, and 15 acquisitions in the past three years, expanding our ecosystem for innovation and growth

\$4.5B

To be realised by end of 2025, directly traceable in IBM's financial results, unleashing productivity to fuel innovation and growth.

10M+

Hours of work automated

25pts

Increase in customer NPS

20pts

Increase in employee engagement

50%+

Increase in R&D

50+

Acquisitions

Use cases implemented across Enterprise Operations

Finance

- Modernising Lead to Cash
- Reimagining Pricing Approval Workflows
- Unlocking Contract Intelligence
- Streamlining Order Registration and Billing

IT

- Scaling Automation
- Transforming Enterprise IT Operations
- Modernising IT Operations
- Turbo-charging Business Application Performance
- Strengthening AI Governance

Customer

- Reinventing Client Support
- Catalyst for Faster Insights

HR

- Transforming HR with Digital Workers
- Reinventing HR Support
- Augmenting HR Support

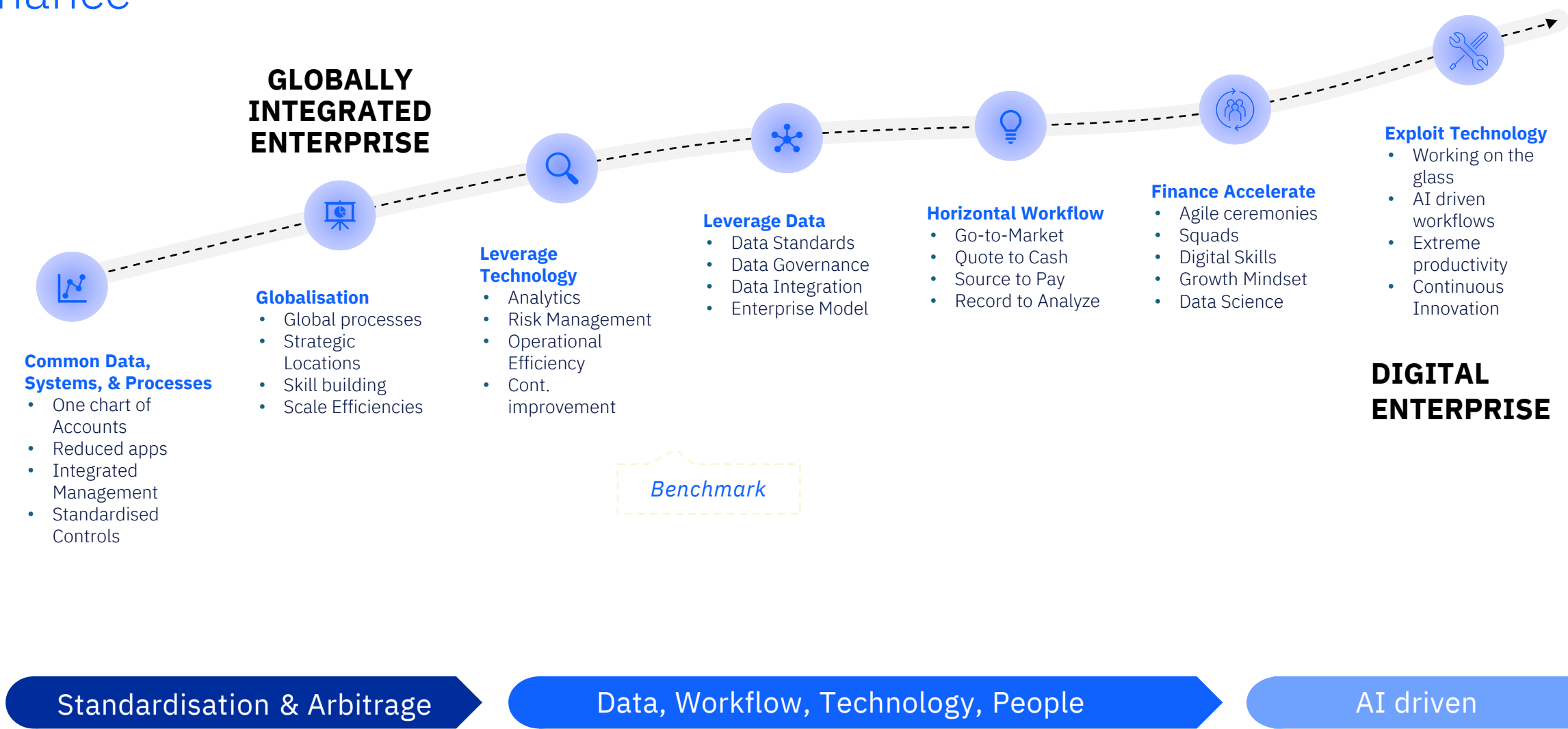
Supply Chain

- Digitising Supply Chain Orchestration

Vended Spend

- Subcontractor Optimisation
- Real Estate
- Footprint Consolidation

IBM as ‘Client Zero’ - the adoption of exponential technologies in Finance



Using an AI first data driven approach, we reimaged IBM finance

OUTCOMES

~1M

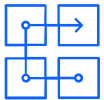
Tasks Delivered by Automation



Eliminate

operating complexity

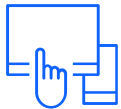
- Integrated global financial management system
- Unified data governance



Simplify

end-to-end workflows

- Reducing redundant handoffs
- EPM on-the-glass management systems



Automate

manual tasks

- Core repeatable processes automated and infused with AI including financial forecasting, pricing, and journal creation

AI INFUSED OUTCOMES

ACCOUNTING AUTOMATION

-  Journal automation
-  Contract review and analysis

84%→95%

Accuracy of risk automation

TAX COMPLIANCE

-  Tax compliance
-  Invoice validation

100k Hours saved

PRICING ANALYTICS

-  Cognitive pricing analytics
-  Pricing automation

\$100M+

Rev. uplift by optimal price and accelerated cycle time

INTEGRATED RISK MANAGEMENT

-  Continuous audit analytics
-  Investigation workbench

30% Cycle time reduction

COMPETITIVE ANALYSIS PLATFORM

-  Self-service platform
-  GenAI competitive benchmarking

10X Real-time competitive analysis

FINANCIAL & MANAGEMENT REPORTING

-  Integrated reporting
-  Touchless forecasting

40% Productivity in FP&A

Why IBM?



With **IBM** you will have a partner that has ...

Proven intelligent workflows, leveraging data and technology, across the finance function

Rapid Celonis process mining approach providing fact-based insights while minimising client business disruption without added licensing costs

Leader in delivering successful ERP programmes across SAP, Workday, Microsoft and Oracle; leveraging a vast talent pool of over 30,000 ERP trained consultants and a repository of over 1,000 developed assets

Teams leveraging an expanding catalogue of assets to deliver success

Pre-built Automated Unit & Integration Test, Fiori Apps - Enhanced Rapid ERP Data Migration with Data Models and Standards

270,000+ experienced consultants with deep, relevant industry knowledge for customised value differentiated solutions

A human centric approach and collaborative mindset, with IBM tools, methodology and frameworks targeted to discover and deliver value continuously

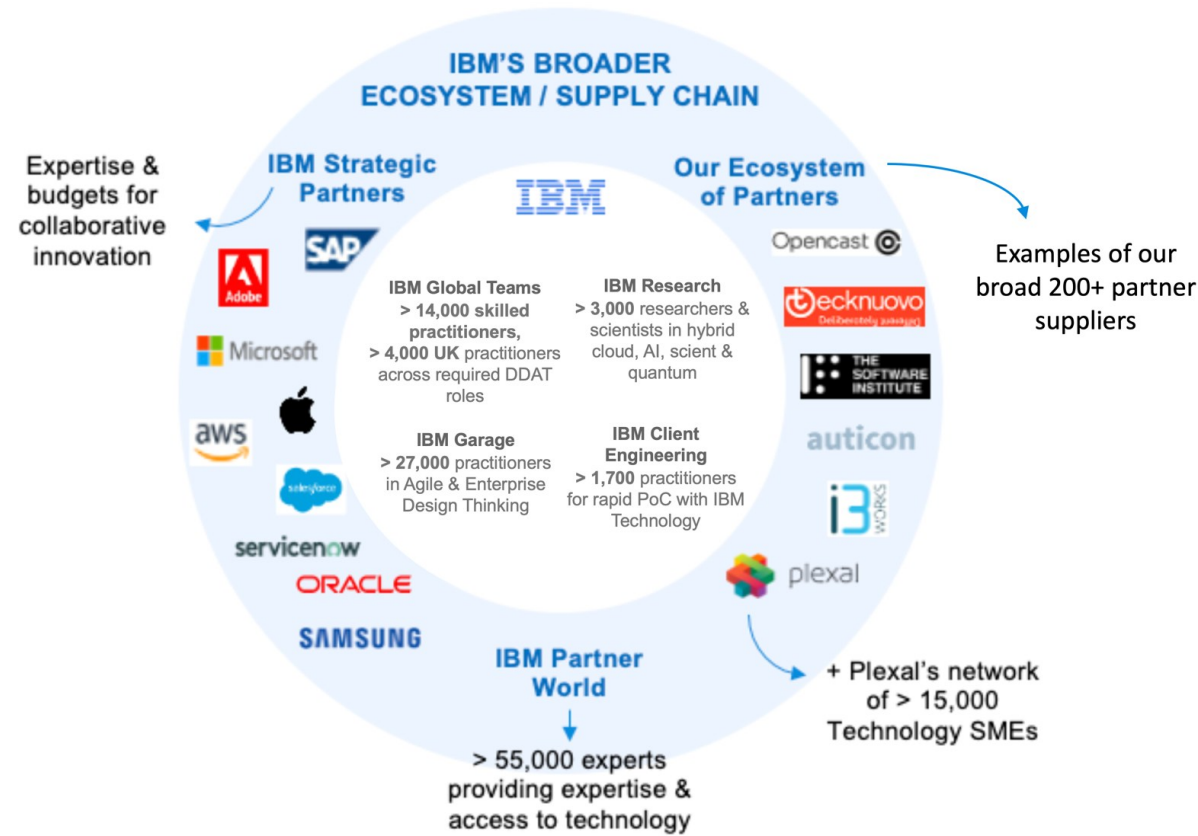
Experience in UK Government industry, aligning c-suites behind an integrated vision

Internal transformation expertise having transformed IBM over decades and learned lessons to share with clients

Partnerships with leading cloud, business application and accounting firms to rapidly establish an ecosystem for you to draw upon and apply AI/Gen AI

IBM drives collaborative transformation by co-creating solutions with leading partners alongside IBM assets and accelerators to deliver best-in-class outcomes

IBM's Partner Ecosystem



IBM's **Institute for Business Value (IBV)** provides thought leadership and insights on emerging business trends and technologies to help organisations decision making and drive innovation. We use all the thought leadership and tools from IBV to accelerate programmes and identify opportunities to move towards best-in-class.

C-Suite

Offers strategic insight, direction, planning analysis and advice to CxOs and leadership teams.

For our latest CFO report '6 power moves CFO's must make: Find out more [HERE](https://ibm.co/c-suite-study-cfo) (<https://ibm.co/c-suite-study-cfo>)

Benchmarking

Benchmark Wizard is IBM's open standards patented benchmarking tool to target leading practice

The tool contains 42,000+ organisations across 60 countries, from all major industries, front and back-office functions (including the 8 finance process groups) and technologies such as cloud, AI, GenAI and automation

Component Business Modeling

CBM is a patented framework for modeling and analysing a business or processes for the purpose of organising and grouping business activities into basic building blocks of a business called components.

These components are marked with opportunities for automation, AI and GenAI which will inform Leonardo on your process optimisation.

"IBM IBV has been ranked #1 in thought leadership quality by Source Global Research for the second consecutive year"

