Coforge
Investor Day
2026

Why AI led Engineering is central to the emerging world

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The market is bigger than ever due to Agentic AI

AI and Agentic AI execution techniques have redrawn the business case for large-scale, complex tech transformation

There are programs CIOs wanted but couldn't justify

They knew they had to modernize, platformize and build new products. But they were limited by

- **Budget availability:** 60% of budgets are trapped in Run costs
- **Risks of Modernization**
- **Timelines for new builds**

What AI changes about the equation

We can now use AI Agents to significantly change the business case while tapping into our traditional strength in Engineering

- **Run & fix applications**
- **Surface legacy complexity**
- **Build applications & platforms**

What it means for us

This unlocks three massive opportunities for us

01. Modern AMS

02. Tech Modernization

03. AI-Native Product Engineering

We have redefined our Engineering offerings to being AI-led

AI-assisted

Conventional pods of human engineers with AI used as copilots

AI-led

Humans and AI Agents working together in Mod Squads

AI-native Product Engineering	Tech Modernization	Modern AMS	Enterprise Integration
Build innovative products and platforms, adopt a product-centric mindset.	Transform systems into scalable, cloud-ready, future-proof AI-ready platforms.	Enhance reliability, performance, and resilience with AI-driven application management.	Enable seamless secure connectivity between enterprise systems and the AI ecosystem.

AI-enabled SDLC Transformation & Organizational Change Management

Enable transformation to fully agentic execution through structured change enablement aligning people, processes and technology.

Deal Archetype 1

Modern Application Management Services (AMS)

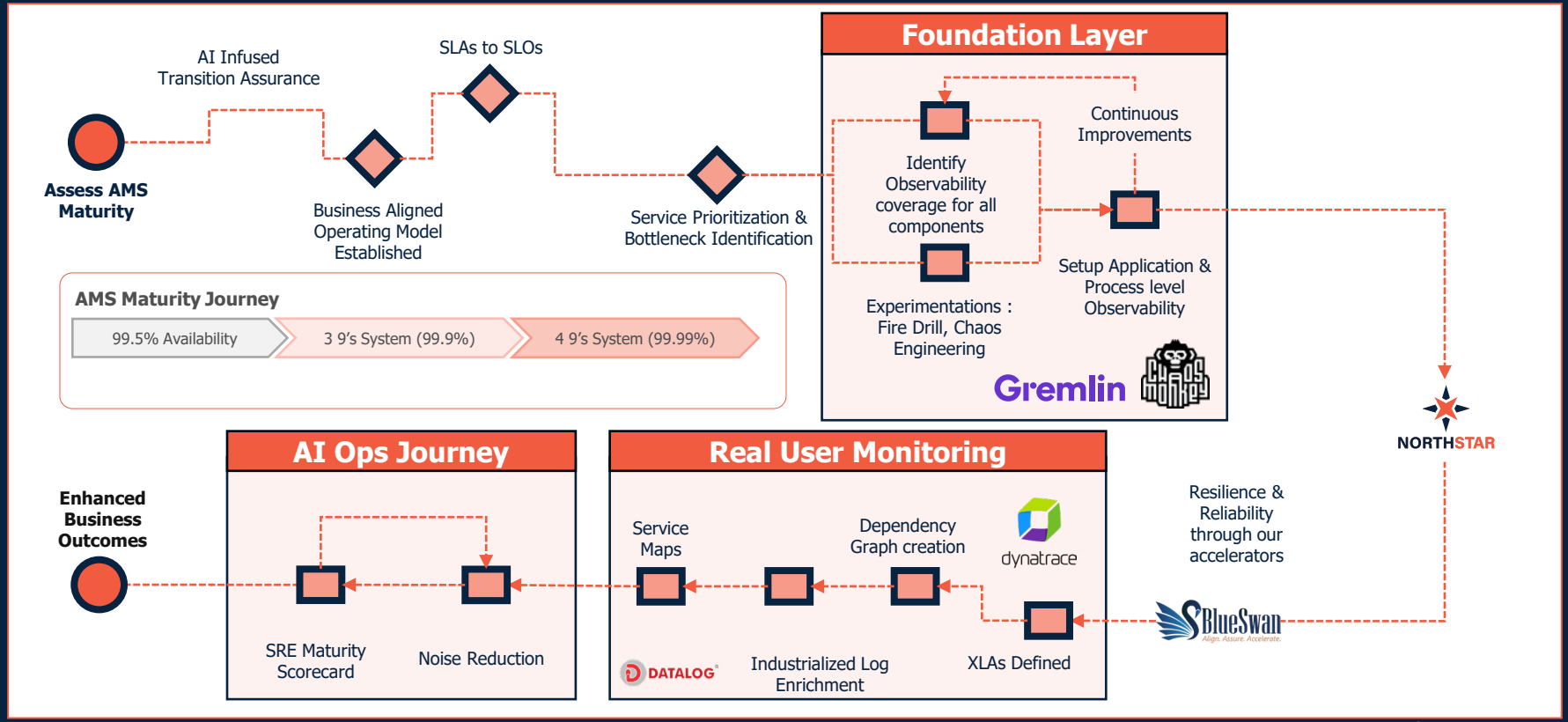
01

AI-led application management

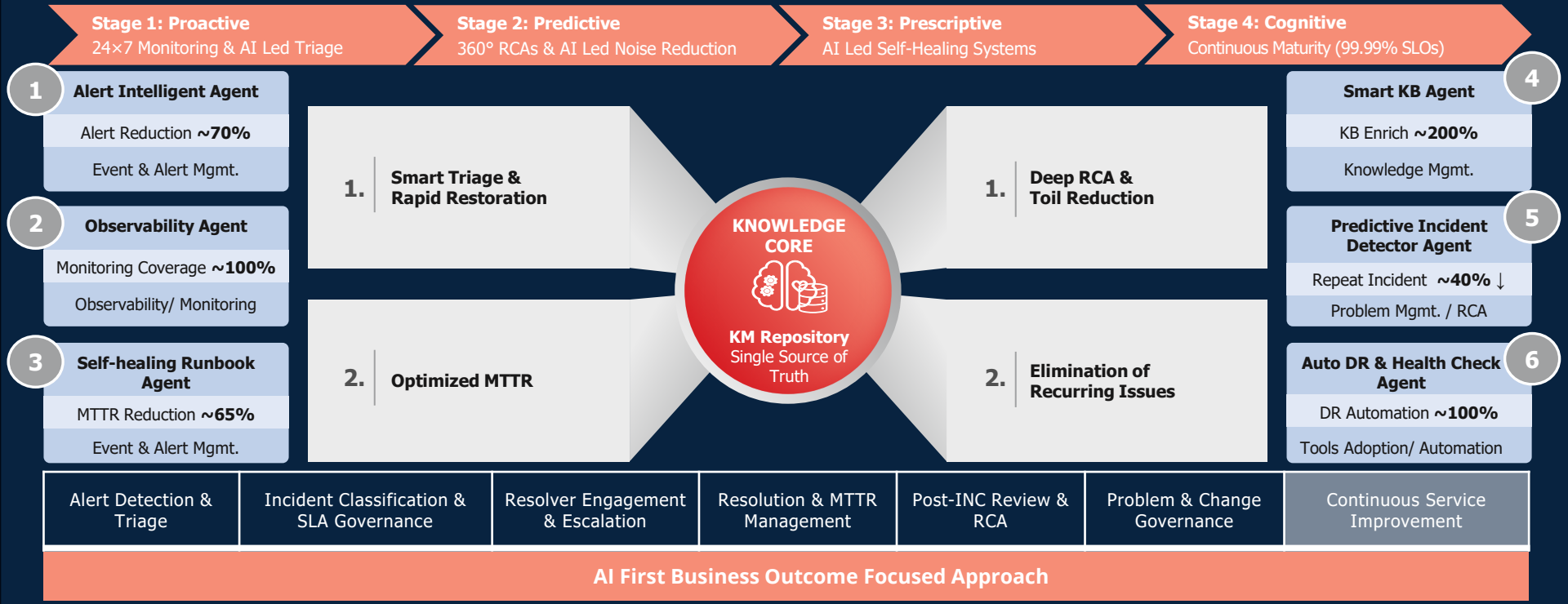
The Global Bank Payments AMS story

- High escalation load on Application Run teams & Subject Matter Experts
- Knowledge gap limits first-time fix
- Opportunity to reduce toil by institutionalizing tribal knowledge
- Service loss due to SME dependency wait

This is how we would have addressed this need before…



...this is how we are addressing it now



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Deal Archetype 2

Tech Modernization

02

From high-risk, high-cost legacy programmes to AI-accelerated transformation

Leading Financial Services Client in North America

Modernizing a monolithic Electronic Invoice Presentment and Payment platform

Losing competitive deals

Inability to scale globally

Architecture is blocking agility

Reliability gaps impacting clients

THE BUSINESS OPPORTUNITY

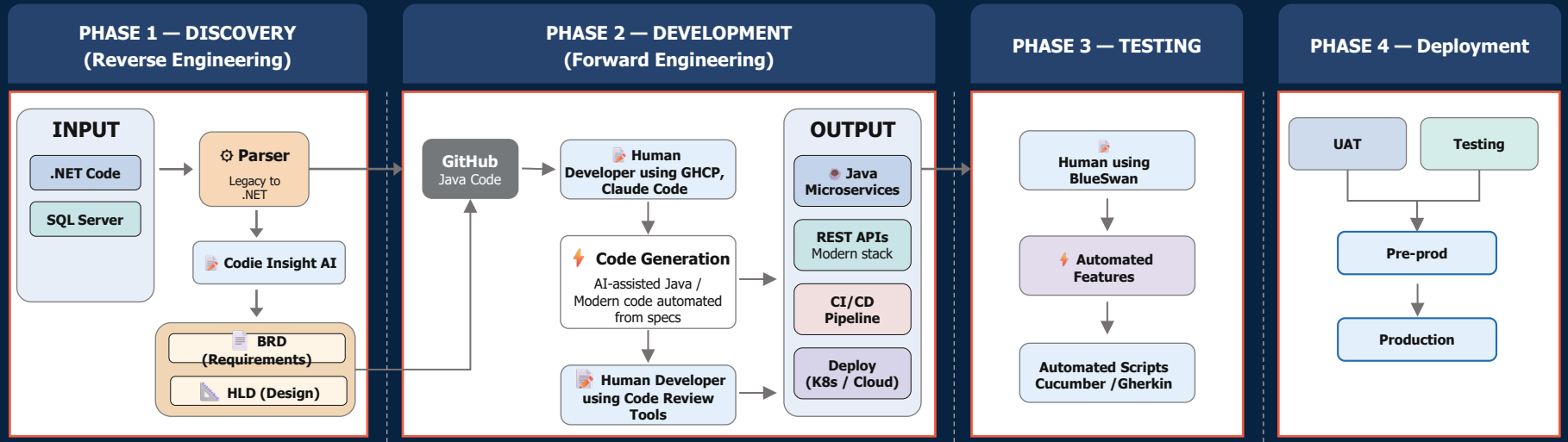
6M+ Merchant base

Global Market
North America, APAC, Latam, EMEA

Needs Modern Architecture
24x7, zero downtime, Active-Active, Auto Scaling

Timeline
Modernize 20+ year application much ahead of June 2027

This is how we would have addressed this need before…



- ✓ Code Insight AI
- ❑ BRD Generation
- ❑ Technical Specifications
- ❑ High level Design
- ❑ Low Level Design

- ✓ ForgeX – HLD
- ✓ Github Copilot
- ✓ Claude Code
- ✓ Code Review Agent
- ✓ SRE Agent
- ❑ Code Development/Acceleration
- ❑ Code Reviews
- ❑ Coding standards, Rules
- ❑ Deployment

- ✓ BlueSwan
- ✓ ECS Plugin
- ❑ Automated Test Cases
- ❑ Automated features
- ❑ Defect Analysis & Tagging
- ❑ Defect Fix

- ✓ Activation Agent
- ❑ Client Migration
- ❑ Services Migration

...this is how we are addressing it now

Phase 1 — Ingestion Pipeline

Spoon JSON Parser Agent
Reads Java/C# AST JSON, extracting symbols with names, signatures, file paths, and source lines.

Writer Agent
Inserts all symbols into PostgreSQL tables for code files, docs, chunks, and comments

Graph Builder Agent
Constructs a labeled property graph (Apache AGE) with deterministic UUID v5 node identities.

Embedding Writer Agent
Generates 768-dim semantic vectors via Ollama nomic-embed-text; stored in VectorChord.

PageRank Scorer Agent
Computes symbol importance from the call graph using iterative power-method PageRank.

Drift Detector Agent
Validates import edges against DDD layer rules (Domain → Infra → Presentation).

Phase 2 — Domain Analysis Pipeline

Projection Builder Agent
Loads raw graph, filters noise (Swagger DTOs, generated code), adds cosine-similarity semantic edges.

Community Detector Agent
Runs multi-resolution Leiden algorithm to cluster symbols into candidate bounded contexts.

LLM Refiner Agent
Names and characterizes each community as a DDD bounded context via LLM prompting.

Iterative Restructurer Agent
Multi-pass LLM optimization of bounded context boundaries for cohesion and clarity.

LLM Judge Agent
Scores each context on cohesion, naming quality, and boundary definition; prunes weak ones.

Artefact Derivation Agent
Generates user stories, Gherkin scenarios, domain events, aggregate roots, and glossary.

Phase 3 — Forward Engineering

DDD Snapshot Agent
Transforms Phase 2 analysis into a structured domain snapshot with rubric gating.

BRD Generator Agent
Produces a business requirements document from the DDD snapshot via LLM reasoning.

Workflow + Gherkin Agent
Derives workflow diagrams and acceptance test scenarios from requirements.

API Contract Agent
Generates the OpenAPI spec — the pivot point from which all code generation flows.

.NET Scaffold + FE Agent
Creates full .NET Clean Architecture solution with domain, infra, and presentation layers.

KEDA + Postman Agent
Deterministically generates KEDA manifests for event-driven scaling and Postman collections.

Deal Archetype 3

AI-Native Product Engineering

Deep Engineering expertise supported by Agentic AI

03

The Australian Airline story

- Legacy Passenger Service System (PSS) exit by 2029 with no room for slippage
- Business transformation at scale enabling new operating models
- Multi platform ecosystem needs a partner to orchestrate effectively
- Parallel-run integrity, ensuring zero business disruption

This is how we would have addressed this need before…

01 Requirements

BAs run workshops with Q Group SBSMs across 6 domains. Each domain separately. Weeks of meetings before a user story is written.

No AI tool applied

This stage remains entirely manual with no AI assistance in a traditional model.

02 Architecture

Architects review requirements documents, manually cross-reference IATA NDC standards, and produce design artefacts. No automated validation.

AI: Standards lookup

ChatGPT used ad hoc to query IATA docs. Output not connected to design tooling. Architect still writes every artefact manually.

03 Development

Engineers write integration code, EDIFACT adapters, and API connectors by hand. Requirements are re-interpreted from static documents. Context drift is common.

AI: Code completion

GitHub Copilot suggests code snippets inline. Useful for boilerplate. Does not understand the broader architecture, IATA constraints, or programme context.

04 Testing

QA engineers write test cases from requirements documents. Test cases are created after development completes. PNR-Order reconciliation is manually checked.

AI: Test case drafts

AI generates first-draft test cases from user stories. Disconnected from code changes, test coverage gaps only discovered during execution.

05 Deploy & Operate

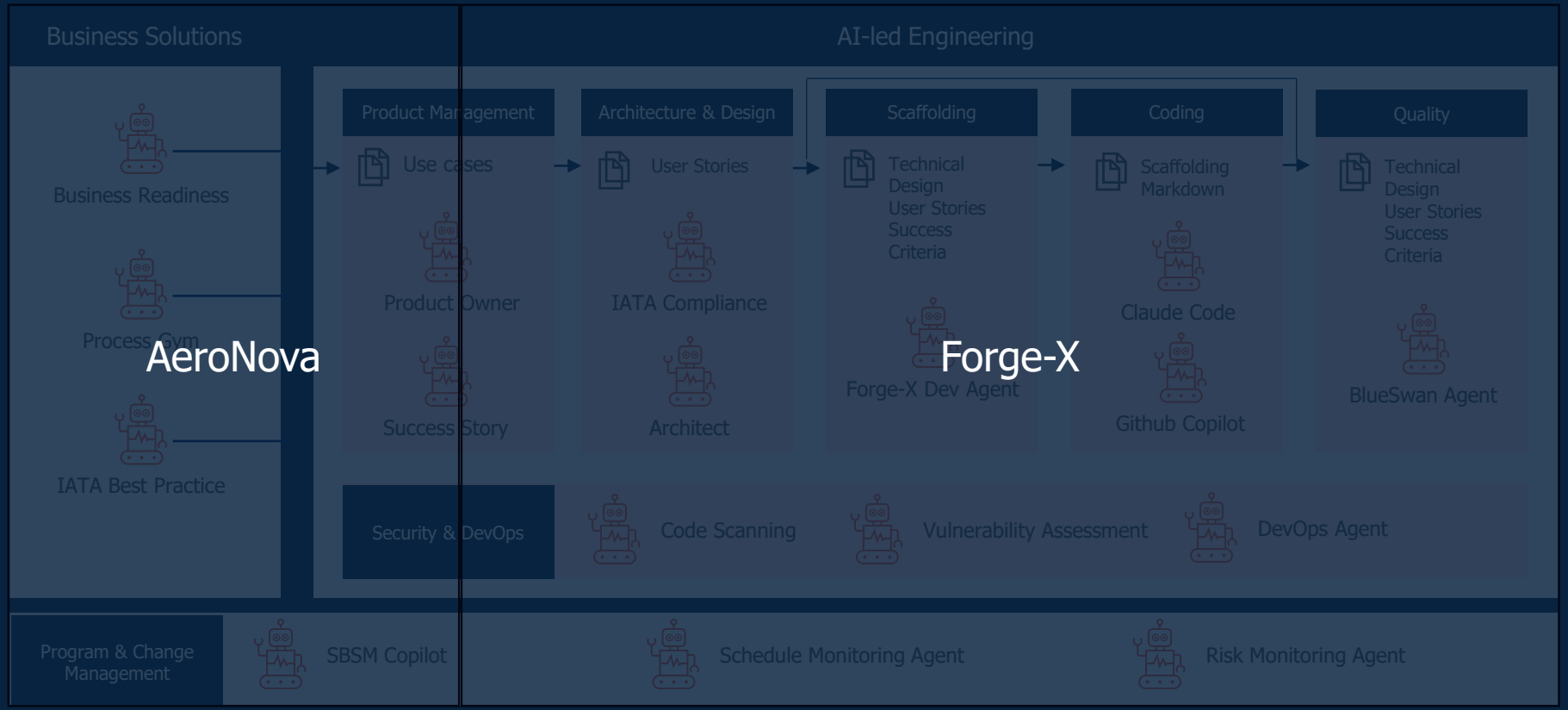
Cutover runbooks authored manually. Production monitoring is reactive — incidents detected after they surface. No predictive risk detection before go-live.

AI: Ticket Analysis

Very little reactive AI

...this is how we are addressing it now

Output of previous stage, input to current stage



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Key Takeaways – Coforge AI-led Engineering

01 We have dismantled and rebuilt our Engineering offerings on an AI backbone

02 Our demonstrable solutions are making the business case come alive for clients

03 Our hyperfocus on domain puts us at an advantageous position as code becomes commodity

04 Together, these factors are helping us unlock the business case for CIOs enabling them to kick off large NECESSARY transformation programs that they so far could not

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Thank you