PRESIDIO®

SOLUTION BRIEF

Digital

Forward-Deployed Engineering

AWS FDE OFFERING

Getting Agentic AI Right

THE CHALLENGE

Most enterprise AI never leaves the pilot. The models are capable, but the pilots sit far from the business teams that own the work.

Agentic AI is living software. It acts inside a process that keeps changing, so it has to be tuned against real usage, which a spec-and-handoff delivery model cannot do.

FIVE PHASES, ONE POD



- **Embed:** pod joins your business team
- **Baseline:** name the KPI and its starting number
- **Build:** agentic workflows in live operations
- **Evolve:** tune until the KPI moves and holds
- **Hand off:** ownership moves to your engineers

First production release in 45 to 90 days

THE SOLUTION

Presidio Forward-Deployed Engineering (FDE) embeds a small pod of senior engineers inside your business team to build custom agentic AI on AWS and take it to production.

The pod owns a defined business problem and its KPI, works beside the people who run the process, and changes the system in days as real usage reveals what no specification could.

First production release lands in 45 to 90 days, and as short as 6 weeks for a focused use case.

In production, alive, and yours.

HOW IT WORKS

Every engagement follows five phases:

- **Embed.** A senior pod joins your business team. Your own engineers can optionally pair into the pod.
- **Baseline.** We measure the current state and agree the business owner and the target KPI before building.
- **Build to production.** Agentic workflows go into live operations on AWS, running against real data.
- **Co-evolve to the KPI.** We tune the system through the early-production window until the baselined number has moved and holds.
- **Transition and redeploy.** Ownership passes to your engineers through a designed capability ramp, and the pod moves on.

Aligned to the AWS FDE lifecycle: Discover and Ground, Build and Orchestrate, Prove and Release, and Operate and Compound.

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CAPABILITIES

AGENTIC TRANSFORMATION

- Custom agentic workflows built around a business problem and KPI, on Amazon Bedrock and Amazon Bedrock AgentCore, and tuned in production until the KPI moves and holds.

AI-DRIVEN DEVELOPMENT LIFECYCLE (AI-DLC)

- Presidio helps customers adopt AI-DLC by working with their teams and enabling them, with specifications, steering files and quality gates applied in the engagement itself.

HARNESS ENGINEERING

- A reusable harness of nine control layers carries from one engagement to the next, with review, approve, intervene and escalate paths for human oversight.

Identity and access	Safety and guardrails
Context and grounding	Intent and routing
Action and tool control	Quality and evaluation
Reliability and recovery	Observability and economics
Governance and lifecycle	

WHERE FDE FITS

FDE is the right fit when the problem only reveals itself in production: it is ambiguous, hard to read and make sense of up front, and becomes clear only by building against real usage.

PROOF IN PRODUCTION

National sports-betting operator

60 min → 5 to 10 min

An agentic investigation platform on Amazon Bedrock assembles chargeback dispute evidence across internal systems for human review. It runs in production today and is owned by the client's team.

State health program audit organization

Reads policy documents, extracts the billing rules, converts them to SQL and runs them against claims data to surface overpayments.

Major music label

A governed content pipeline at catalog scale with automated quality scoring, human approval and a full audit trail.

WHY PRESIDIO

Presidio helps you navigate the fast-changing tech landscape, bridging foundational IT and modern AI and cloud services. As a Premier consulting partner in the Amazon Partner Network, Presidio builds embedded, stays through the volatile early-production window, and hands ownership to your team.

GET STARTED

Schedule an FDE opportunity qualification session with Presidio's Digital team.

Contact Presidio today: presidio.com/contact-us/

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