PRESIDIO®

SOLUTION BRIEF

Digital

Data Broker Accelerator



Ask anything. Move nothing.

THE CHALLENGE

Decades of undocumented business logic and legacy schemas leave organizations vulnerable as experienced personnel retire, taking critical institutional knowledge with them.

At the same time, organizations must balance AI adoption with increasingly strict security, compliance, privacy, and audit requirements. Traditional modernization can take years, but businesses need to experience progress now. Together, these pressures make it harder to turn disconnected information into timely, trusted answers.

AI adoption is accelerating, but legacy technology remains a barrier to scaling it. Critical business information is distributed across disconnected systems, preventing AI from delivering complete, trusted answers. Employees spend hours manually reconciling information across applications, delaying decisions while increasing cost and risk.

WHY IT MATTERS

When legacy systems do not work together, every decision takes longer. Teams search across multiple applications, piece together incomplete information, and rely on institutional knowledge that may not be documented or available. This slows operations, increases the chance of error, and makes it harder to move forward with confidence.

Disconnected systems make AI less useful, modernization more problematic, and governance more difficult to enforce. Organizations continue carrying the cost and risk of legacy environments at a greater cost than they may have realized.

THE SOLUTION

Our Data Broker Accelerator provides an AI layer that finally lets your legacy systems talk to each other, without replacing a single one of them. It reads across disconnected sources, understands how they relate, and turns a plain-language question into one governed, trustworthy answer. No migration. No duplicated data. Just answers your teams can act on.

It discovers legacy schemas, identifies relationships across sources, and stores semantics in a knowledge graph rather than duplicating enterprise data. Enterprise systems stay in place, and the underlying data does not need to be migrated or copied.

Built on AWS, Data Broker Accelerator combines natural-language querying, cross-system entity resolution, explainable AI, confidence scoring, role-based access, human review, and auditability. Delivered through natural-language chat and a REST API, it helps teams move from fragmented information to trusted answers in minutes.

KEY BENEFITS

- **AI-Powered Interoperability**
  Get a straight answer across disconnected systems without hunting through multiple applications to piece one together.
- **Modernize Without Rip-and-Replace**
  Unlock knowledge from existing systems without disrupting the technology teams already rely on or launching a costly system overhaul.
- **Explainable AI**
  Give leaders the context needed to act on every answer, with confidence scores, source attribution, and data freshness indicators.
- **Enterprise-Grade, Cloud-Native Security**
  Support secure access across sensitive data sources with role-based permissions, governed retrieval, and audit trails built into the experience.
- **Speed to Value**
  Live in months and return answers in minutes, helping teams realize value without waiting years for a system replacement.

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HOW IT WORKS

The engagement starts with a high-value question and the systems needed to answer it. AI-powered schema discovery maps relationships across those sources, while the semantic knowledge graph stores approved mappings and business meaning without copying underlying data.

Users ask questions through natural-language chat or a REST API. Data Broker Accelerator retrieves and reconciles information across connected systems, then returns one governed answer with confidence scoring, source attribution, freshness indicators, role-based access, and auditability.

WHAT MAKES DATA BROKER DIFFERENT

- **Governed Extraction, Not Migration**
  Get answers from systems teams already rely on without replacing applications, copying enterprise data, or launching a rip-and-replace modernization project.
- **One Engine, Many Use Cases**
  Reuse approved relationships across departments, programs, and workflows instead of reconnecting and remapping systems for every new use case.
- **Trust Built In, Not Bolted On**
  Confidence scoring, source attribution, freshness indicators, role-based access, human review, and auditability are built into every answer.
- **AI-Powered Schema Discovery**
  Automatically identifies relationships across legacy schemas, accelerating source onboarding and reducing manual integration work.
- **Interoperability Without the Overhaul**
  Connects existing systems to deliver cross-system answers in minutes, without requiring a multi-year system rebuild.

WHY PRESIDIO

Presidio is here to guide your business transformation journey by helping you carefully navigate the fast-changing tech landscape. As the bridge between where you've been with foundational IT, and where you're going with modern AI and cloud services, we measure success with you on the terms you define. We strive to build lifetime relationships with each of our customers, and we do so by being fearless, fast, flexible, and compassionate. It's our mission to earn your trust and deliver innovative, high-quality outcomes at speeds once thought not possible, so you can achieve your business goals faster.

Start with a high-value question.
Take the next step with Presidio's Data Broker Discovery Workshop. Together, we'll map your systems, identify a priority use case, and return a governed answer in days - not years.

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

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