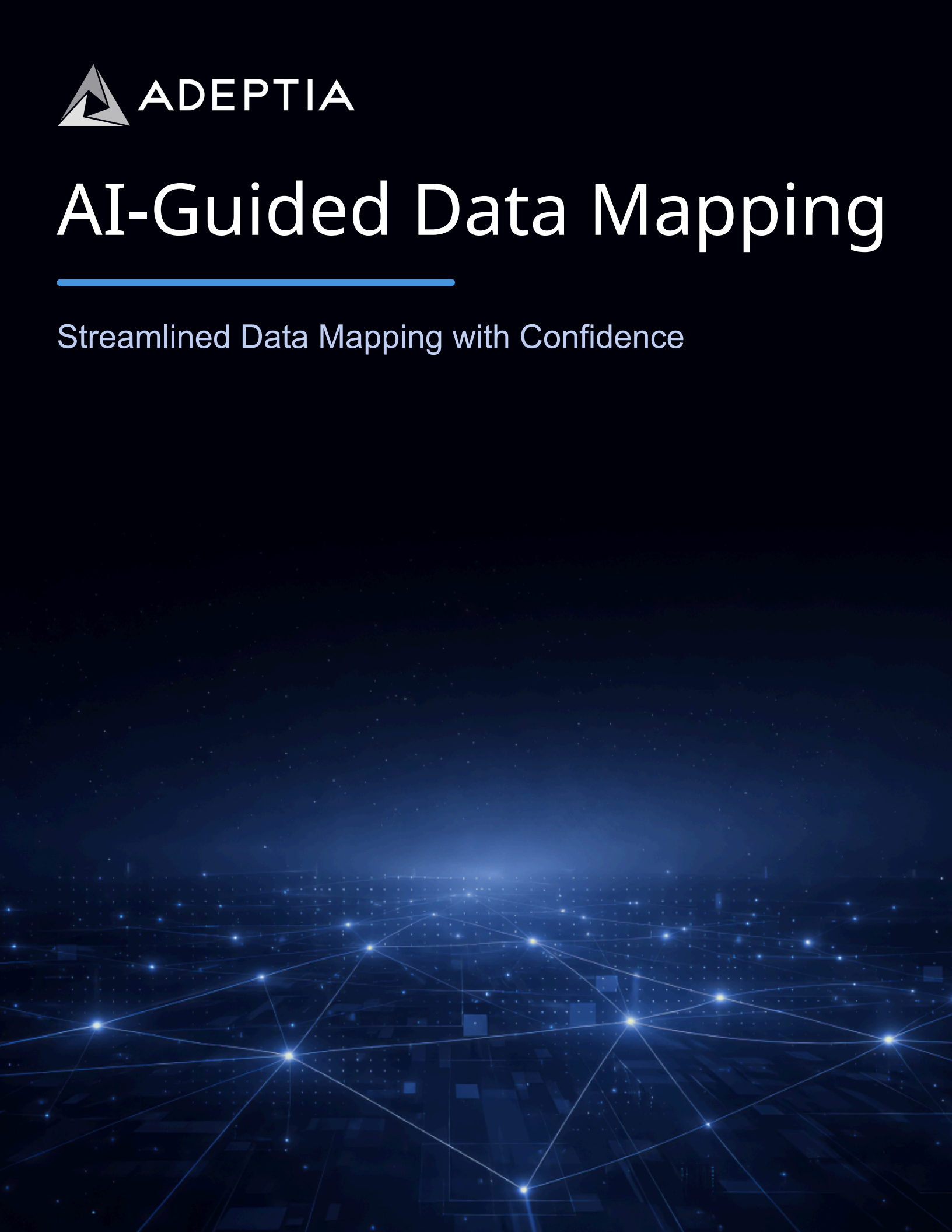
ADEPTIA

AI-Guided Data Mapping

Streamlined Data Mapping with Confidence

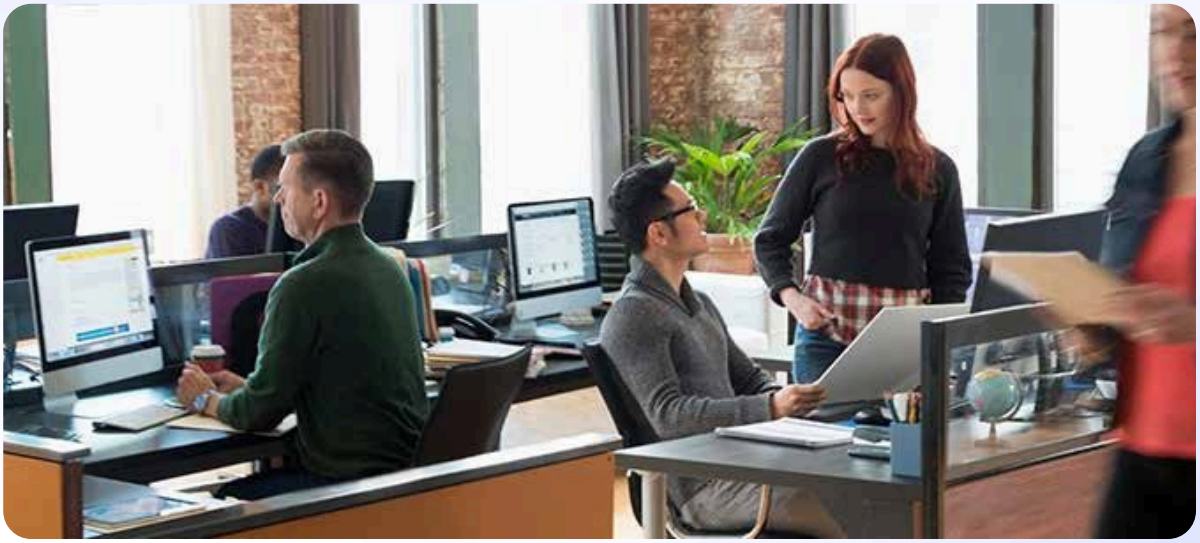


Exchanging data between businesses is time-consuming and expensive to set up, especially when it involves a large variety of data formats and standards. Your partners and customers are using different versions of applications, and each of those versions requires data in a unique format. Similarly, while supplying data to your partners, your applications may deliver data in a unique format that may require significant IT skilled labor before it can be used by your partners.

Older formats, like EDI, are used to keep metadata and the actual data separate to enable smaller document sizes, thereby saving on storage space and transmission times.
Newer formats, like XML and JSON, are syntax-based and include data hierarchy and field label clues that can help facilitate data mappings.

> **While improved formats have solved part of the problem, the proliferation of APIs and other data standards and integration access methods have added new challenges.**

Each major trading partner and customer may have a different requirement, and when you scale that to thousands of partner and customer connections spanning numerous document types, you have a daunting challenge that can delay new customer implementation and slow down revenue. It's a growing maintenance problem that you are either solving with a lot of IT skilled labor or consultants, or you are imposing on your customers to solve with their own IT labor.



Manual Data Mapping Is Tedious, Cumbersome, and Repetitive

Manual data map authoring in data translation software has been the de facto approach to enable B2B data integration for decades.

Over time, expensive IT resources have built these data map libraries manually, and some organizations have as many as tens of thousands of these data maps in use. However, in many cases, the software supporting these data mappings is beyond (or at least nearing) end-of-life.

But the fundamental efforts and costs of creating and maintaining these data maps hasn't changed. They collectively serve as an encumberment of IT productivity while simultaneously providing for the lifeblood of your B2B data integration.

With an increasing scarcity of IT resources who can masterfully manage this data mapping, your business growth and customer experiences that involve digital business integration is often at the mercy of the availability of the expert IT integration skill sets. And those skill sets are both expensive and much-needed in other aspects of your business data eco-system.

Rethinking the Process with Adeptia's AI-Guided Data Mapper

As machine learning and AI technology mature, many of these data mappings can be automated.

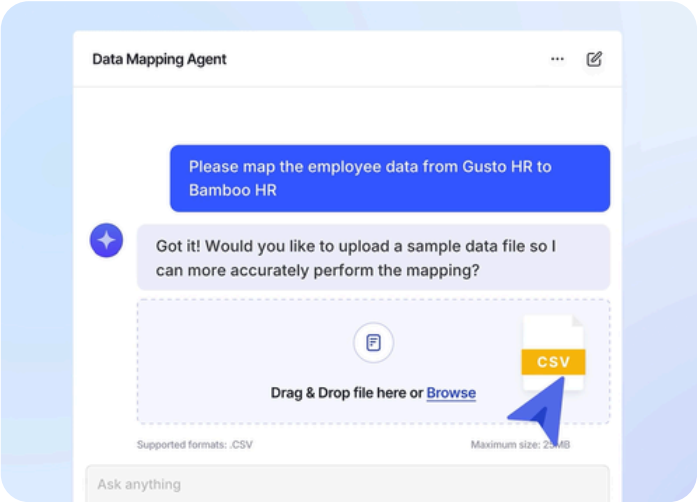
Adeptia's AI-powered mapping draws on decades of embedded industry knowledge to intelligently translate incoming source data to your destination schema automatically, accurately, and in minutes. Every mapping enriches the platform's knowledge base, making future mappings faster and smarter.

> **Adeptia's AI-guided data mapper analyzes existing data mappings and provides suggestions as new maps are authored.**

Like most machine learning and AI use cases, Adeptia's AIMap provides guidance to IT data mappers, with field-by-field data mapping recommendations backed by specific confidence levels. It also supports each mapping suggestion with the rationale for the suggestion as well as possible cautions. For example, AIMap may recommend a mapping by observing a similar mapping appearing in prior maps built for similar profiles of trading partners or customers.

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As a result of the suggestions AIMap provides, the software can automate many of the mapping steps, thereby freeing IT experts to focus on more productive tasks. It also promotes the rapid development of robust data maps that are durable and reusable across the larger segments of your customer or supplier network, instead of limited viability data maps of traditional manual mappings.



Data Mapping Doesn't Have to Take Weeks

Adeptia's simple, drag-and-drop interface and AI-powered suggestions help you map even the most complex integrations in a matter of minutes. The process works in three stages:

- **Training:** Adeptia pre-trains its AI data mapper with common mapping rules based on 20+ years of industry experience. The platform gets smarter every time it is used, creating more accurate and comprehensive data maps with each new integration.
- **Suggesting:** Adeptia scans the source and destination schemas, utilizing AI to identify and suggest mapping rules for each target field.
- **Reviewing:** Users accept or reject the mapping suggestions, then run a data file to see the results of the mapping and make any adjustments necessary.

The latest evolution of this capability, the AI Mapping Co-Pilot, delivers improved mapping suggestions, faster generation times, and richer context through file uploads and persistent chat history. That last piece matters more than it might seem:

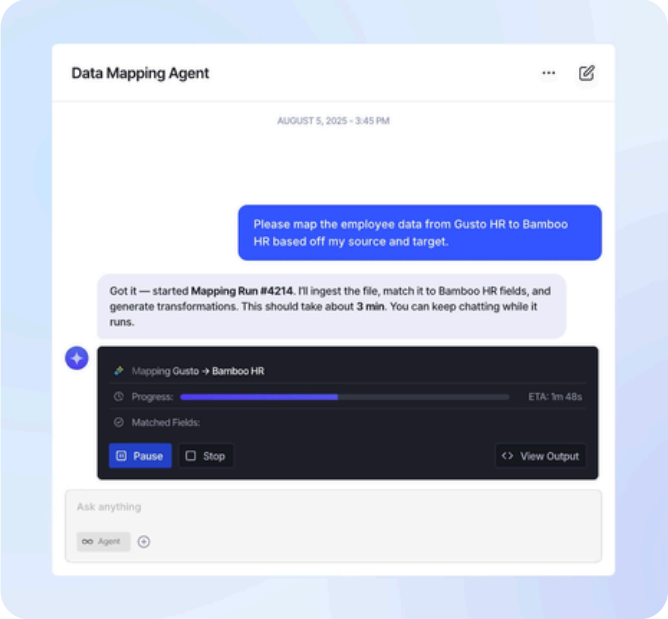
> **Being able to carry context across a mapping session means the AI builds on what it already knows about your data, rather than starting fresh every time.**

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Experience Profound Productivity Gains with AI Data Mapping

Further, because the Adeptia platform provides that data mapping is performed by IT users and defined into trading partner profile templates, business users can perform self-service integration with customers and partners by assigning new connections to those pre-built profile templates.

> **These predefined templates include intelligent AI mappings, transaction types, secure data access methods, and other aspects of B2B integration.**



By using intelligence from existing mappings to suggest mappings to support new connections, AIMap enables business users to use predefined templates to more quickly implement B2B integration. That reduces the manual IT workload, and creates business mappings easier and faster.

Instead of waiting a few weeks (or even months) to create the data mappings that support new business relationships, your business users can quickly build connections through self-service integration, thus delighting your customers by connecting faster, speeding to value, and accelerating your revenue.

Contact us to request a demo of Adeptia Automate's AI Data Mapping feature and see how Adeptia and artificial intelligence can dramatically speed your data integration.

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