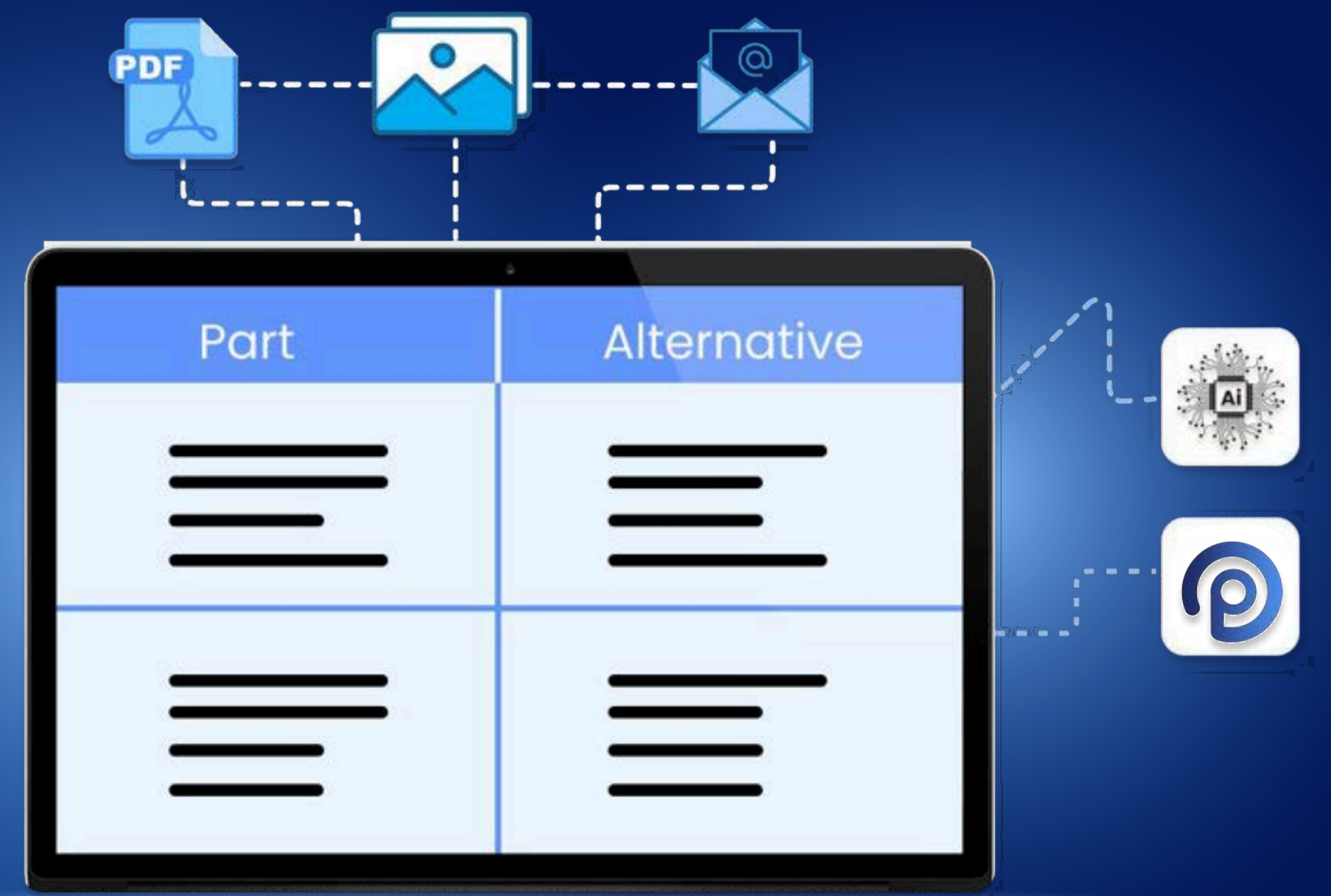


Data Extraction

From Unstructured To Structured

IDP – Document Processing
Ingest content from company sources
and online search



Overview

The core technology lies in its ability to extract and convert unstructured data from diverse sources into structured formats, enabling advanced AI-powered search and analysis.

The solution creates a structured, searchable parts database—empowering teams to reduce costs, improve fulfillment, and discover reliable substitutes even when part names or numbers are vague or incomplete.

The Smart Part Advantage

- **Powerful Search:** Straightforward part lookup by part number or description
- **AI-powered matching:** Discover similar parts, even with variations in terminology
- **Business rule filtering:** Define what "similar" means to your organization using natural language rules
- **Alternative part detection:** Identifies and flags lower-cost or equivalent parts, along with source visibility
- **Natural Language Matching:** Tailor similarity criteria to your needs with flexible, rule-based logic

Key Capabilities

Collect & Categorize from Multiple Sources

- Upload PDFs, Excels, emails, and URLs into the platform.
- Define preferred and excluded data sources (e.g., include manufacturer websites, exclude marketplaces like eBay).
- Use AI to transform unstructured content into structured, categorized data.
- Customize database fields such as part number, unit type, origin country, price, etc.

Smart Matching & Alternatives

- AI-powered matching of parts based on:
- Part number
 - Natural language description
 - Configurable logic and rules to identify matching alternatives (e.g., "must have aluminum")
 - Identifies parts with identical or similar descriptions, even when written differently
 - Automatically flags cost-saving alternatives, or options with different sources



Order Optimization

- Paste or upload an order list to instantly receive:
 - Part breakdown
 - Alternative options.
 - Visual cost-saving indicators.
- Use internal catalogs or global data to cross-reference against market alternatives.



What Makes Smart Part Unique

- **From Unstructured to Structured:** Converts emails, PDFs, and webpages into a searchable parts database
- **AI search in Database records** - Not Just Document Search: Searches for Database records that are most like the company part using AI Similarity and keywords search
- **Custom Natural Language Rules:** Define what makes an item a valid alternative based on your business logic
- **Modular & Configurable:** Tailored field extraction, categorization, and site selection to match your procurement needs
- **Optimized for Cost and Efficiency:** Highlights cheaper or better-sourced parts with visual indicators

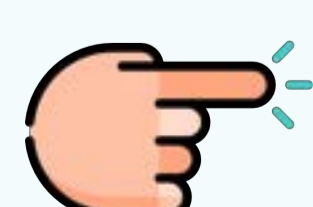


Benefits

- Reduce costs by finding lower-priced alternatives.
- Ensure fulfillment with high-accuracy part matching.
- Shorten procurement cycles through instant analysis.
- Eliminate manual catalog comparison.
- Gain visibility into any configured attribute for the OptiPart to manage such as End of Life.

Explore More AI Suite

Models:



● [Knowledge Assistant](#)

● [AI Data Analysis](#)

● [AI Code Assistant](#)

● [AI Agents](#)