

## Intelligent Document Automation with Generative AI

### The importance of document automation

It can be challenging to manage large volumes of diverse digital documents, templates, and content in day-to-day work as it requires time-consuming manual processes, human comprehension, sorting, and cataloging. With Generative AI, organizations can automate a considerable portion of document-oriented processes, empowering decision-makers with data and content-aware rich context.

### Scale document-oriented processes with the power of AI

Generative AI empowers organizations to rapidly generate, populate, organize, and contextualize information into a consumable, structured, and relevant responsive document knowledge base. Generative AI document automation helps reduce the time and effort typically required for document handling, freeing employees to be more productive and better informed. From creating and auto-filling contracts and reports to personalizing communications and reinforcing consistency and accuracy across documents, Generative AI-powered document automation enables organizations to do more with less.

### Key document automation use cases



**Document pipeline automation**  
Optimize end-to-end processes and document handling workflows at scale, accelerating data consumption and summarization.



**Data entry and extraction**  
Minimize human errors in data entry and extraction processes to enhance data accuracy and standardize data preparation.



**Report and template generation**  
Generate reports and templates based on specific data points, audiences, document formats, and user requirements, improving accuracy and relevancy.



**Proactive communications**  
Rapidly create personalized communications based on operational data to improve consistency, accuracy, speed, and recipient engagement.

### How it works

Organizations should start by identifying the specific documents, processes, and workflows that would benefit from automation, including understanding document types, automation objectives, data sources, and any information relating to regulatory compliance requirements. Next, businesses should:



Gather successful versions of the needed documents and upload them to the model



Upload preferred template and instructional documents to complete the template



Prompt model to generate new documentation with provided situational information



Review content and provide feedback to finalize needed documents, adding instructional prompts as needed

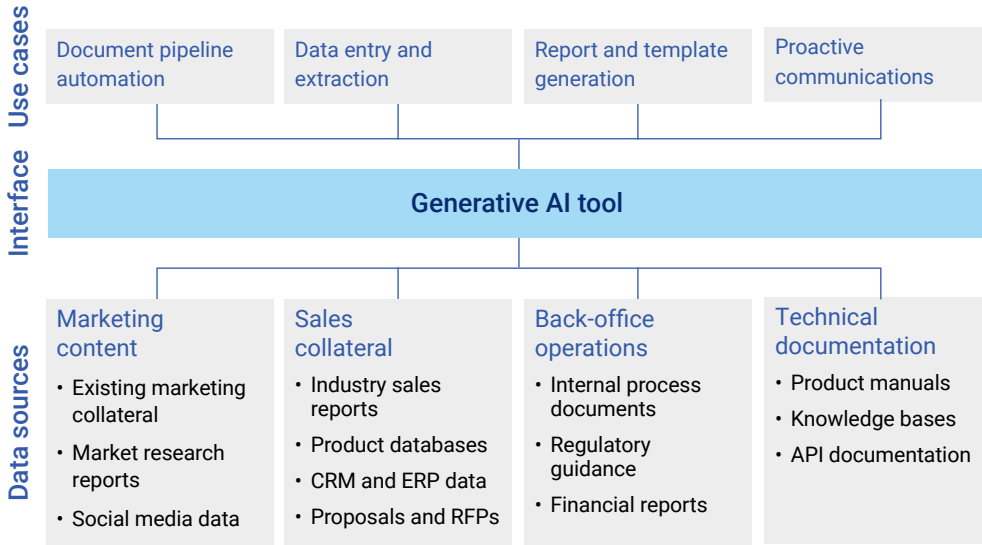


## Your data informs your document automation processes

Integrating your organization's unique data with Generative AI-powered document automation improves processes and accuracy by understanding the structure, style, language, and components of every document contained within the primary data set. Generative AI can then use that information to ensure document handling, processes, and content creation are aligned with established formats, structures, and processes.

The quality, relevance, and depth of your data substantially enhances Generative AI-powered document automation by training the system on specific terms, industry jargon, history, document formats, standards, and processes. This enables Generative AI to leverage deep context alongside automated processes as part of broader generative capabilities.

## Document automation data sources and use cases



## Empower your workers with the right information

Deploying Generative AI document automation company-wide increases overall productivity by reducing time-consuming manual document management efforts. Every role benefits from leveraging Generative AI for document automation. Lines of communication are improved across various groups in the organization, enabling better collaboration, historical understanding, and improved overall context across documents when needed.

## About Dell Generative AI

Dell Technologies offers the world's broadest Generative AI solutions portfolio, from client devices to data center to cloud, all in one place.

You can accelerate your AI journey with Dell Technologies Services and a broad partner ecosystem that includes support for many open source Generative AI models. Regardless of whether a team member is working with purpose-built Dell infrastructure to power organization-wide Generative AI applications, or simply prompting AI from a Dell laptop, they are working with the industry's broadest and most advanced portfolio of AI-enabled solutions.

Our approach is to bring AI to your data. This means meeting strict data sovereignty and compliance requirements while right-sizing AI infrastructure to reduce costs, support sustainability objectives, and keep you in control of the model and your data.

## Next steps

Get started with a fee-waived Accelerator Workshop for Generative AI, which can help you gain consensus among your business and technical stakeholders on your solution and prioritized use cases.

## Learn more

[Accelerator Workshop for Generative AI](#)



Learn more about Dell solutions for [Generative AI](#).



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