Cohesively Integrate With DMS and Current Tech Stack

February 7, 2023

Similar to how a painter can only be as good as the paints they use, your business can only be as good as the tools you use to run it. What is often overlooked is not only the quality of the tools you use, but how they work together in order to accomplish a common goal. This especially applies to your DMS and your current tech stack.

You may have already invested in implementing a data management system so it can reduce business obstacles and boost efficiency to better serve your business's needs, but have you made sure that your DMS is working as effectively as possible by having it communicate with the other tools you use? This article will focus on highlighting several different tools and industries that can be integrated with your DMS.

What is a Tech stack?

When it comes to building and running a successful business, the tech stack you develop can make an impact on your overall efficiency. Simply put, a tech stack can be defined as the collection of software tools and technologies that are used to accomplish your business goals. Think of a tech stack like a recipe for a meal. Just like how a recipe calls for specific ingredients and instructions to create a tasty dish, a tech stack calls for specific softwares, frameworks, libraries, and databases to accomplish your business tasks. Each ingredient in the recipe serves a specific purpose and contributes to the overall flavor of the dish. Similarly, each component in your tech stack serves a specific purpose and contributes to the overall functionality and performance of your business.

This means it's crucial to know how, when, and where to integrate your DMS with your tech stack so you improve your business processes without causing any kind of interruptions.

Benefits of Integrating Your Tech Stack

There is great value in integrating a DMS with your existing tech stack, most notably in time efficiency. Without the need to switch between different systems to access and manage your documents your business can streamline document-related processes such as

document creation, approval, and distribution, making your day-to-day operations much smoother, more efficient, and less prone to error.

Another key benefit lies in improved data security. Many document management systems include robust security features such as role-based access control, which is necessary to protect your sensitive and confidential documents. This ensures that all documents are stored and managed in a secure environment, reducing the risk of data breaches across your entire tech stack and making your whole business more secure.

Beyond just security and efficiency, integrating a DMS with your current tech stack can also provide better data visibility and analytics. By having all your documents stored in a central location and indexed, you can quickly search and access documents based on keywords or other criteria. This makes it much easier for anyone in your business to find the information they need quickly, which can be especially valuable for organizations that manage large amounts of documents.

Important Things to Consider

The benefits of integrating a DMS with your current tech stack are large, but there are a few points to consider before beginning the transition. First, you'll want to understand the specific needs and requirements of your organization. This includes identifying which documents need to be managed, what processes need to be streamlined, and what level of security is required.

These all lead into the next consideration is if and/or how your DMS can communicate with the other elements of your tech stack. What data needs to be shared between the softwares, and does your DMS or other softwares have the API capabilities to share that information accurately and efficiently. This is necessary so that your document-related process can be automated.

The last thing to consider may be obvious, but it's important to consider exactly what Document Management System you should acquire. How secure are the documents you are storing? This will dictate what DMS you need that has the proper level of security measures for your crucial documents. Your new DMS should be user-friendly, and the interface should be intuitive and easy to navigate. This ensures that users can easily access, manage, and share documents, which will improve productivity as it will be easier to adopt quickly. Scalability should also be considered. As your organization grows, so will the number of documents and users. It's essential to select a document management system that can scale to meet the growing needs of your organization.

Industries that benefit from DMS integration

Those that benefit from a DMS reach far beyond the administrative industries. All businesses that have to manage important documents can have their processes amplified by the right DMS.

- **Energy**: Businesses in the energy sector have to comply with strict regulations, safety protocols, and environmental standards. A DMS helps to ensure that all compliance documentation is up-to-date and organized. Being able to share documents more effectively allows large volumes of engineering designs and technical docs to be shared between teams and stakeholders faster, streamlining idea-sharing, approvals, and reporting. [Learn more about Energy businesses who've benefited by reading our case studies.](#)
- **Education**: Schools have an intense need for document management systems. Whether it's grades, exams, lesson plans, medical records, teaching resources, or local government information, schools have a tremendous amount of documents

that need to be updated on a yearly basis. Integrating a schools DMS with their current tech stack provides a centralized location for storing and managing all this information making it easy for authorized personnel to access and update the information. [See more examples of educational institutions that have been improved by a DMS here.](#)
- **Non-Profit**: A DMS greatly helps non-profits with an improved ability to manage and track donations and grants that have been received. Working along with any other softwares that is being used, a DMS provides a centralized location for storing and managing receipts and proposals makes it easier for financial personnel to properly report on all received funds. Allowing the entire business to stay better in line with tax regulations. [Find examples of non-profits who've benefited from Document Management Systems here.](#)

Implement a DMS Today!

With an effective and efficient DMS in place, businesses across dozens of industries can not only improve their operations but their entire tech stack as a whole. Clearly understanding your tech stack and what kind of DMS will best serve it, sets your company up for success.

Here at Mindwrap, we have industry-leading experts to help you get that conversation started and get your company moving forward in the right direction. [Contact us](#) today to answer any questions you might have about your current tech stack and how a DMS system can seamlessly be integrated into it.