



Mastering Document Management with **Attach2Dynamics:** A Comprehensive Guide



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Data management is crucial for any business because it underpins decision-making, efficiency, compliance, and competitiveness. In this chapter we will explore what is data management and why it is important.

What is Data Management?

Data management is the process of collecting, storing, organizing, and protecting data. It is also concerned with ensuring that data is accurate, accessible, and usable. Data management is important for businesses of all sizes, as it can help them to make better decisions, improve customer service, and increase sales and profitability.

There are many different aspects to data management, including:

- **Data Collection:** This involves gathering data from various sources, such as customer interactions, transactions, sensors, surveys, and more. Data can be in various forms, including structured data (like databases and spreadsheets) and unstructured data (like text documents, images, and multimedia).
- **Data storage:** Data must be stored in a structured manner, typically in databases or data warehouses. The choice of storage technology depends on factors like data volume, type, and access requirements. Cloud-based storage solutions are becoming increasingly popular for scalability and accessibility.
- **Data organization:** Data is organized and catalogued to make it easier to find and retrieve. This includes defining data attributes, creating metadata, and implementing naming conventions.
- **Data protection:** This involves protecting data from unauthorized access, use, disclosure, disruption, modification, or destruction.
- **Data quality management:** Ensuring data accuracy and reliability is crucial. Data quality management involves identifying and rectifying errors, inconsistencies, and duplicates in the data.

Data management can be a complex task, but it is essential for businesses that want to make the most of their data. There are a number of different tools and technologies available to help businesses manage their data more effectively.

“**75% of organizations believe data management is important to their ongoing digital transformations efforts.**”

Why data management is important?

Data management is important because it helps businesses to

- **Make better decisions:** Data can be used to gain insights into customer behavior, market trends, and operational efficiency. This information can then be used to make better business decisions. For example, a company can use data to identify which products are most popular with customers, or which parts of the manufacturing process are causing delays.
- **Improve customer service:** Data can be used to understand customer needs and preferences. This information can then be used to improve customer service and satisfaction. For example, a company can use data to identify customers who are at risk of churning, or to personalize marketing campaigns.
- **Increase sales and profitability:** Data can be used to identify new market opportunities and develop targeted marketing campaigns. This can help businesses to increase sales and profitability. For example, a company can use data to identify new markets where there is demand for its products, or to develop marketing campaigns that are targeted to specific customer segments.
- **Reduce costs:** Data can be used to identify areas where costs can be reduced. This can help businesses to improve their bottom line. For example, a company can use data to identify which products are costing the most to produce, or which parts of the marketing budget are not being used effectively.
- **Comply with regulations:** Many businesses are subject to data privacy regulations. Data management can help businesses to comply with these regulations and protect customer data. For example, a company can use data management to ensure that customer data is only accessed and used by authorized personnel.

In summary, data management is crucial because it underpins informed decision-making, efficiency, data quality, competitive advantage, customer satisfaction, and much more. It is essential for businesses seeking to maximize the value of their data and operate effectively in a data-driven world. For individuals, data management is important to protect personal information, maintain digital hygiene, and make informed choices in the digital age.

95% of businesses struggle with unstructured data management.

Understanding Storage management in Dynamics 365 CRM

Storage management in Dynamics 365 CRM is a critical aspect of maintaining the efficiency, performance, and cost-effectiveness of your CRM system. Dynamics 365 CRM is typically hosted in the Microsoft cloud, and storage is an essential component of the service. Proper storage management ensures that you use your allocated storage resources efficiently and avoid unexpected overages or performance issues. Here are some key aspects of storage management in Dynamics 365 CRM:

- **Understanding Storage Types:** Dynamics 365 CRM offers different types of storage, including Database, File, and Log storage. Database storage is used for records and data within your CRM, while File storage is for attachments and documents. Log storage is used for system logs and audit logs.
- **Monitoring Storage Usage:** Regularly monitor your storage usage to ensure that you stay within your allocated limits. You can do this through the Dynamics 365 admin center or the Power Platform admin center.
- **Data Cleanup and Archiving:** Implement data cleanup and archiving strategies to remove unnecessary or outdated records. Dynamics 365 offers data retention policies and record deletion rules to help manage data.
- **Attachment Management:** Manage attachments and documents efficiently. Consider using SharePoint or Azure Blob Storage for document management, especially if you have a high volume of attachments.
- **Audit Logs and Activity Tracking:** Review and manage audit logs, as these logs can consume storage space. Adjust audit settings to capture only essential audit data.
- **Customization and Metadata Management:** Be mindful of customizations and metadata changes. Metadata and custom fields can contribute to database storage, so avoid over-customization and ensure metadata is efficient.
- **File Storage Options:** Consider offloading file storage to SharePoint or Azure Blob Storage for more cost-effective management of attachments and documents.
- **Database Optimization:** Regularly optimize your database by running maintenance jobs such as database re-indexing and clean-up.
- **Purge Records:** You can use record purging to permanently delete records and free up database storage.

- **User Training and Awareness:** Educate your CRM users about the importance of efficient data entry, including using attachments judiciously and avoiding data duplication.
- **Integration and Automation:** Automate data-related tasks, such as archiving or moving data to lower-cost storage solutions, using Power Automate or Azure Logic Apps.
- **Scaling Resources:** If your organization is approaching its storage limits and needs more space, you can scale up your storage capacity by purchasing additional storage.
- **Regular Review:** Regularly review your storage usage, data management processes, and storage strategy to ensure continued efficiency and cost-effectiveness.

Effective storage management in Dynamics 365 CRM not only ensures compliance with your subscription limits but also helps maintain optimal system performance and reduces unnecessary costs. It's a best practice to proactively manage storage to support the long-term health of your CRM system.

Poor data management reduces operational efficiency by 21%.



challenges in Data Management

Businesses that leverage Microsoft Dynamics 365 CRM are no strangers to the daily influx of data. This data often takes the form of email content attachments, including notes, documents, and other vital information related to customer interactions and business operations. However, as these businesses grow and scale their operations, a pressing challenge arises - the default storage capacity that comes with a Dynamics 365 CRM subscription proves woefully inadequate.

As data accumulates, it becomes clear that additional storage is necessary to accommodate the expanding volume. While the option to purchase extra storage is available, it often comes at a considerable cost. Furthermore, maintaining a large volume of data within Dynamics 365 CRM can negatively impact the performance of the application. Slower load times, decreased responsiveness, and an overall deterioration of the user experience become more pronounced with excessive data.

To overcome this challenge and strike a balance between data storage and application performance, businesses seek efficient data management strategies. One effective solution is to move email content attachments, notes, and documents to alternative cloud storage. By doing so, businesses can save costs associated with acquiring more CRM storage and sustain optimal application performance.

In this context, Inogic's Attach2Dynamics offers a viable solution. Attach2Dynamics is an app designed to seamlessly integrate with Dynamics 365 CRM with cloud storages such as SharePoint, Dropbox, and Azure Blob Storage. Allowing businesses to migrate and manage their email body content and its attachments, along with notes, to cloud storage. This strategy frees up valuable CRM storage space, ensuring that only essential data is retained within the application.

47% of enterprises cite data growth as one of their top three challenges.

What is Attach2Dynamics?

Attach2Dynamics is an invaluable add-on application designed to enhance document and attachment management within the Microsoft Dynamics 365 CRM/Dataverse ecosystem. It provides seamless integration with various external cloud storage services, including SharePoint, Dropbox, and Azure Blob Storage. This integration offers a host of advantages for organizations seeking efficient data management and cost-effective storage solutions.

Here's a more detailed breakdown of Attach2Dynamics' features and benefits:



Real-Time Cloud Integration

Attach2Dynamics enables real-time synchronization of Dynamics 365 CRM attachments, notes, documents, and other files with your chosen external cloud storage. This means that any document or attachment added or updated in Dynamics 365 CRM is instantly mirrored in the cloud storage.



Enhanced User Experience

Users benefit from a seamless and user-friendly experience. Attach2Dynamics simplifies how documents and attachments are managed, ensuring that user adoption remains high and tasks are completed more efficiently.



Centralized Document Management

Within the Dynamics 365 CRM environment, Attach2Dynamics provides a centralized and organized view of all your files and folders stored in the cloud. This facilitates streamlined document management, making it easy to locate, access, and work with documents related to CRM records.



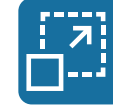
Cloud Storage Flexibility

The integration with multiple external cloud storage services provides organizations with flexibility and options. You can choose the cloud storage solution that best fits your specific needs and budget.



Common File Operations

Attach2Dynamics simplifies file and folder operations. You can perform common tasks like drag and drop, uploading, deleting, renaming, and more directly within Dynamics 365 CRM. This eliminates the need to switch between applications for these operations, saving time and improving user productivity.



Scalability:

Attach2Dynamics ensures scalability, allowing your organization to efficiently manage and handle increasing volumes of documents and data as your business grows.



Cost Savings

By leveraging Attach2Dynamics to offload attachments and documents to more cost-effective cloud storage, organizations can reduce their Dynamics 365 CRM storage costs significantly.

In summary, Attach2Dynamics is an essential tool for businesses that use Dynamics 365 CRM/Dataverse and want to optimize their document and attachment management. It simplifies document-related tasks, reduces storage costs, and enhances data security and collaboration. By facilitating seamless integration with external cloud storage services, Attach2Dynamics offers a comprehensive solution for businesses looking to streamline their document management processes while maintaining a secure and efficient CRM environment.

60% of all corporate data is stored in the cloud.

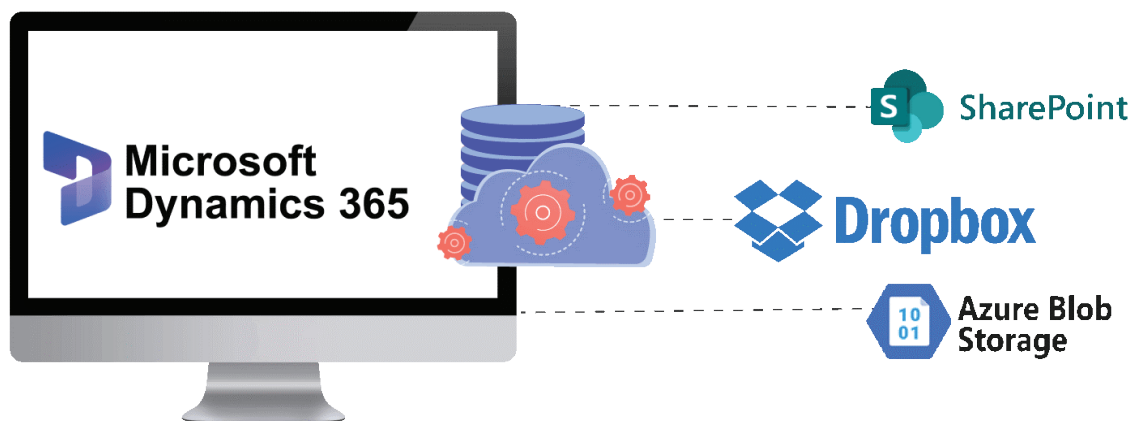


Using Attach2Dynamics for better storage management

In this chapter, we explore the powerful capabilities of Attach2Dynamics, how it will help you to manage your Dynamics 365 CRM storage effectively.

- **Integration of Dynamics 365 CRM with multiple cloud stores**

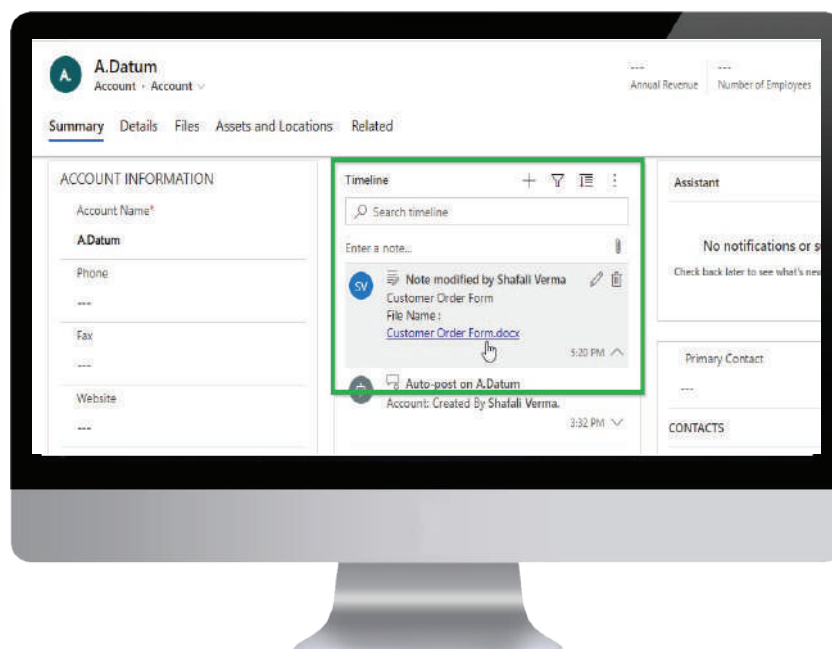
Attach2Dynamics lets you seamlessly connect your Dynamics 365 CRM with multiple cloud storage platforms, including SharePoint, Dropbox, and Azure Blob Storage. This integration saves storage space and gives you more powerful file management capabilities.



“*SharePoint is used by more than 80% of Fortune 500 companies.*”

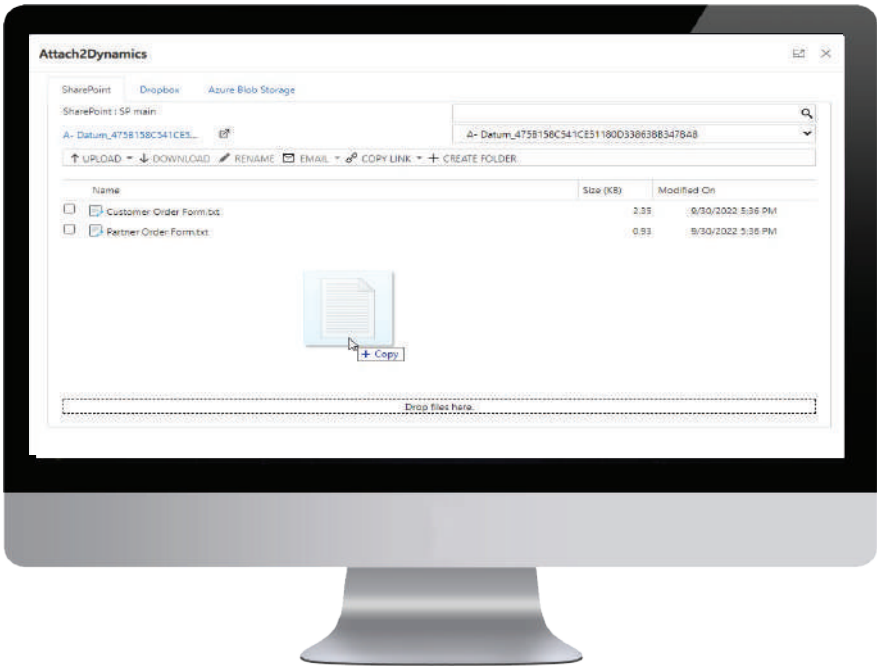
- **Real-time migration of email attachments and notes**

Email content and attachments can take up nearly 70% of your Dynamics 365 CRM storage space. Attach2Dynamics automatically moves all attachments to the cloud, freeing up valuable storage space in real time.



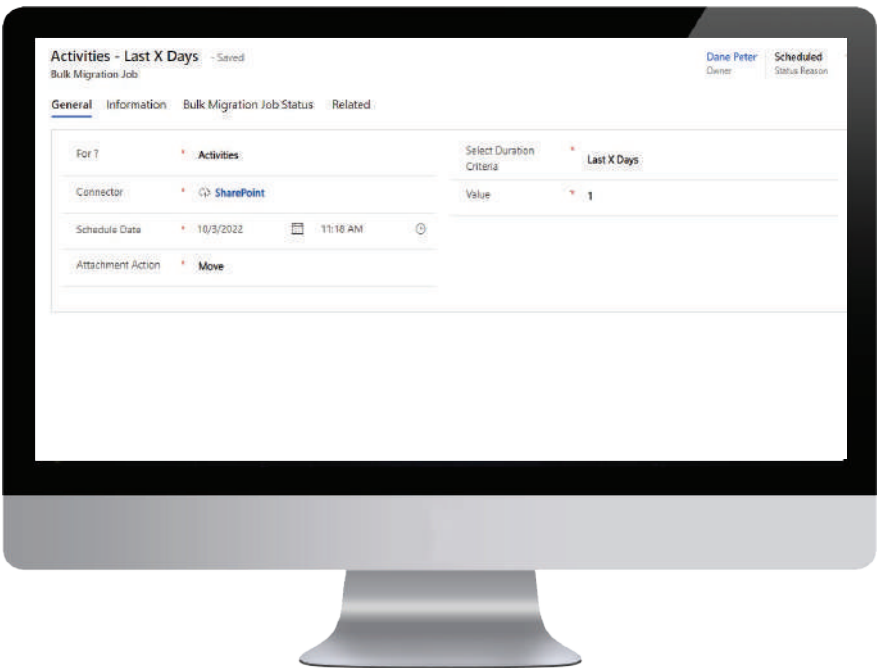
- **User-friendly interface for Document Management**

Attach2Dynamics lets you view and manage all your attachments stored in cloud storage right from within Dynamics 365 CRM. Its user-friendly interface makes it easy to drag and drop files and folders, upload and download files, share links to files, and more.



- **Bulk migrate history attachments to cloud storage**

If you have a lot of historical data in the form of documents, notes, and email content that is taking up too much disk space, you can move or copy it to cloud storage overnight without disrupting your Dynamics 365 CRM.



In addition to these key features, Attach2Dynamics also offers a number of other features that can help you improve your productivity and collaboration, such as:

- **Bulk Upload:** Upload multiple files or folders for selected records directly from the home page.
- **Single Sign-On:** Sign in once and perform all actions in the context of your logged-in user.
- **Delete Files:** Delete unwanted files from SharePoint, Dropbox, and Azure Blob Storage.
- **Preview Files:** View files before downloading them from cloud storage.
- **Deep Search:** Search for files and folders based on your current path.
- **Rename:** Rename files and folders.
- **Create Folders:** Create folders in SharePoint, Dropbox, and Azure Blob Storage.
- **Move or Copy Attachments:** Move or copy attachments between Dynamics 365 CRM and cloud storage.
- **Configure Email Audience:** Set default email addresses for the from, to, CC, and BCC fields.
- **Open Folders:** Open record folders on SharePoint directly from the Attach2Dynamics document management UI.

Benefits of using Attach2Dynamics:

Using Attach2Dynamics in your Microsoft Dynamics 365 CRM environment offers several significant benefits, which enhance document and attachment management, reduce storage costs, and improve overall data organization and security. Here are the key benefits of using Attach2Dynamics:

- **Efficient Storage Management:** Attach2Dynamics seamlessly integrates with external cloud storage solutions such as SharePoint, Dropbox, and Azure Blob Storage. This integration allows for the automatic offloading of attachments and documents from Dynamics 365 CRM to external storage, effectively managing data and reducing the strain on your CRM's storage capacity.
- **Cost Savings:** By moving attachments and documents to cost-effective external storage solutions, Attach2Dynamics helps reduce your Dynamics 365 CRM storage costs. This cost savings can be particularly significant for organizations with large volumes of data.
- **Real-Time Synchronization:** Attach2Dynamics ensures that attachments and documents are synchronized in real time. Any changes or updates to documents within Dynamics 365 CRM are instantly mirrored in your chosen external cloud storage, maintaining data consistency.
- **Streamlined Document Management:** Users benefit from a centralized view of all documents and attachments associated with CRM records. This simplifies document access and management, making it easy to locate, collaborate, and work with these assets.
- **Common File Operations:** Attach2Dynamics allows users to perform common file operations directly within Dynamics 365 CRM. This includes tasks like drag and drop, uploading new documents, deleting outdated files, and renaming documents. These operations are carried out without the need to switch between applications, improving efficiency.
- **Enhanced User Experience:** Attach2Dynamics offers a user-friendly and intuitive experience. Users can seamlessly interact with documents and attachments without extensive training, which encourages user adoption and increases productivity.
- **Scalability:** As your organization grows and generates more data and documents, Attach2Dynamics ensures scalability. It enables you to efficiently manage increasing volumes of data while keeping your CRM system responsive and optimized.
- **Data Security and Compliance:** Attach2Dynamics includes advanced security features, such as access controls, encryption, and audit capabilities. These features help protect your data, maintain compliance with data protection regulations, and secure data from unauthorized access.
- **Flexibility in Cloud Storage Selection:** Attach2Dynamics provides flexibility in choosing your preferred cloud storage solution. You can opt for SharePoint, Dropbox, Azure Blob Storage, or other compatible options based on your organization's specific needs.
- **Version Control and Collaboration:** Attach2Dynamics supports version control for documents and encourages collaboration. Multiple users can edit, comment, and work on documents simultaneously, ensuring that everyone works with the latest version.

In summary, Attach2Dynamics offers a comprehensive solution for businesses using Dynamics 365 CRM, enhancing document and attachment management, reducing costs, and providing a secure and organized environment for data storage. It simplifies operations, improves user productivity, and adapts to your organization's evolving data management requirements.

Attach2Dynamics works great in combination with its companion product SharePoint Security Sync that can replicate Dynamics 365 CRM security model in SharePoint! To learn more about this app [click here](#).

Future Trends in Document Management within Dynamics 365

The field of document management is continually evolving, driven by advances in technology and changes in the way businesses operate. When it comes to document management within Microsoft Dynamics 365 CRM, several future trends are likely to shape how organizations handle documents and attachments. Here are some key trends to watch for:

- **Artificial Intelligence (AI) and Machine Learning:** AI and machine learning technologies are increasingly being integrated into document management solutions. In Dynamics 365 CRM, AI can help automate document categorization, metadata extraction, and intelligent search capabilities, making it easier to find and manage documents.
- **Data Privacy and Compliance:** Compliance with data protection regulations will continue to be a priority. Document management solutions within Dynamics 365 CRM will offer features that ensure documents are handled in a way that complies with GDPR, HIPAA, and other relevant laws.
- **Scalability for Large Volumes of Data:** With the increasing volume of data generated by businesses, document management solutions within Dynamics 365 CRM will need to be scalable to accommodate this growth without compromising performance.
- **Hybrid and Multi-Cloud Storage:** Organizations will seek to strike a balance between on-premises and cloud document storage, or they might opt for multi-cloud document storage for redundancy and data resilience.
- **Voice and Natural Language Processing:** Voice and natural language processing technologies will make it easier to search for documents and extract information from them using spoken or written queries.
- **Enhanced Security Features:** Document management solutions will incorporate more advanced security features, such as access controls, encryption, and threat detection to safeguard sensitive documents.
- **Customization and Integration:** Organizations will demand more customization options and easier integration with other business systems to tailor document management to their unique needs.

These trends reflect the ongoing transformation in how businesses manage documents within Dynamics 365 CRM, driven by a combination of technological advancements, regulatory changes, and evolving business needs. Staying current with these trends will be crucial for organizations to remain competitive and efficient in their document management practices.

By 2025, it's estimated that 181 zettabytes of data will be created worldwide. The global cloud storage market is projected to

Takeaway

In the context of Microsoft Dynamics 365 CRM, efficient document management is crucial, as businesses continuously generate substantial data, primarily in the form of email attachments, notes, and documents. The default storage capacity often proves inadequate as businesses expand, necessitating costly additional storage. Retaining excessive data negatively impacts application performance. Attach2Dynamics offers a solution by seamlessly integrating with external cloud storage, allowing real-time offloading of attachments and documents, reducing storage costs, and improving data management and security. Future trends in document management within Dynamics 365 CRM include AI-driven automation, advanced metadata organization, blockchain verification, mobile document access, eSignatures integration, content collaboration, and more, reflecting the need to adapt to evolving technology, compliance, user mobility, and environmental sustainability in document management practices.

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