

Accelerate your research with Colabra's Microsoft integrations

An R&D cloud designed to work seamlessly with Azure and Microsoft 365

Introduction

Colabra is the only R&D cloud software built for the Microsoft ecosystem, providing seamless integration with Azure, Azure AD, Microsoft 365, Teams, Outlook, Power BI, SharePoint, OneDrive, Office, GitHub and Dynamics 365.

With Colabra's no-code integrations, teams can automate research workflows, align wet-lab and in-silico research, simplify business intelligence and reporting, streamline compliance, security and access control, stay on top of deadlines, and accelerate feedback loops.

Combined with the ability to deploy Colabra into your Azure tenant, this makes it the perfect scientific workflow management platform for industry R&D.

Deploy into your regional Azure tenant

 Azure Storage  Azure Data Lake  Azure Database for PostgreSQL
 Azure Lighthouse  Azure Arc  Azure VNet  Azure Marketplace

Colabra can be deployed into most Azure Regions and Geographies to support even the strictest data residency requirements.

Colabra can be connected to a customer's Azure Storage, Azure Data Lake and Database for PostgreSQL hosted on Azure, providing a seamless integration with the customer's existing infrastructure.

Furthermore, Colabra supports various deployment models:

- Multi-tenant deployment in Colabra's tenant.
- Single-tenant deployment in Colabra's tenant.
- Database and Storage in customer's tenant, application in Colabra's tenant.
- Customer tenant deployment fully managed by Colabra.

Upon special request, custom deployment into an on-premises/private cloud or a cloud provider other than Azure (AWS/GCP) is possible, subject to technical feasibility evaluation.

Accelerate onboarding and feedback loops

 Microsoft 365  Teams  Outlook

Colabra's one-click integration with Microsoft Teams and Microsoft 365 allows R&D teams to work seamlessly together and respond quickly to any changes, allowing for faster R&D and better reproducibility.

By synchronizing all communication between the tools they use to communicate every day, high performing research teams simplify decision-making, increase new team member onboarding speed, and shorten feedback loops - from weeks to hours.

Colabra generates actionable messages which enable you to take quick actions right from within Teams and Outlook. Adaptive Cards are embedded into emails or notifications, simplifying user actions and increasing organizational productivity.

Our integrations with Teams and Microsoft 365 also allow for easy monitoring of project progress, providing transparency and accountability for all researchers, PIs, lab managers, and the executive team.

Stay on top of schedules and deadlines

 Outlook  Power BI

Colabra's integration with Microsoft Outlook allows you to create shared calendars with experimental deadlines which individual team members can easily subscribe to. This ensures every researcher is aware of project schedules and can plan their work accordingly.

Additionally, the Power BI integration allows you to create custom dashboard, providing R&D teams and their management a clear and comprehensive view of research progress.

This combination of Outlook and Power BI integration makes it easy for teams to stay on top of deadlines and schedules, leading to more efficient and effective scientific project management.

Align wet-lab and in-silico research


 Azure  Azure DevOps  GitHub  GitHub Actions

Colabra's integration with GitHub allows for seamless collaboration between wet lab and computational teams working on the same projects.

By connecting individual experiments with GitHub Pull Requests, teams can centralize all experimental data, connect all related discussions, and automate status updates.

Additionally, the GitHub Actions integration can be used to automate tasks such as running simulations and analyzing data based on events inside and outside of Colabra. This enables wet lab and computational teams to work in parallel, reducing delays and increasing productivity.

Access all data from a single source of truth

 Microsoft 365  OneDrive  SharePoint  Azure Storage
 Excel  PowerPoint  Word  Loop  Viva  Microsoft Search

The productivity hit from constant context switching and the time constraints caused by routine tasks can quickly add up. Colabra aims to address these deficiencies by providing a seamless experience that avoids disrupting employees, while simultaneously automating repetitive or routine tasks that impede more valuable work.

Colabra combines all the essential tasks and data that teams need in one place, integrating across the Microsoft 365 productivity suite (Office, Sharepoint, OneDrive). By consolidating these features into one product, employees no longer need to constantly switch between different contexts. Instead, they can focus their time on their research.

Embed the data stored in the Microsoft 365 productivity suite into Colabra Experiments and Workflows. Leverage the consolidated data for faster collaboration, manage and organize this data to enforce security practices and compliance.

Finally, Colabra's integration with Microsoft Search allows users to easily search through all research data from any Microsoft app, making it easy to find the information they need without context switching, further improving the efficiency and productivity of research teams.

Streamline compliance, security and access








 Azure  Active Directory  Purview

Colabra's integration with Microsoft Purview allows organizations to easily discover, understand, and govern research IP across their entire R&D stack, and leverage advanced data management capabilities of the Microsoft ecosystem.

Colabra's integration with Azure and Microsoft 365 governance tools allows your IT and compliance teams to ensure only authorized users have access to project data, and that all research data is immutable once the experiment is reviewed and electronically signed to ensure FDA 21 CFR Part 11, Annex 11, and GxP compliance.

Additionally, Colabra's integration with Azure Active Directory SAML/SSO and Microsoft 365 Security & Compliance provides a single point of control for compliance, security and access permissions so that confidential data is only accessible to authorized personnel.

Automate research workflows

 Microsoft 365  Teams  OneDrive  SharePoint
 Azure  Azure DevOps  GitHub  GitHub Actions

Colabra's Workflows feature allows you to watch events and changes across your Microsoft resources as well as trigger updates and notifications inside and outside Colabra.

For example, this allows research teams to monitor lab equipment output data stored in SharePoint, OneDrive, and Azure Storage, pass it to a Python endpoint through GitHub Actions, then trigger updates within Colabra experiments, followed by a notification in Microsoft Teams.

Workflows let your research teams automate repetitive tasks, reducing delays and increasing the reproducibility of your research.

Simplify business intelligence and reporting



Colabra's integration with Microsoft Power BI and Dynamics 365 allows to simplify business intelligence, analytics, and scheduled reporting.

Channel all your data into one BI tool to create custom dashboards that provide a clear and comprehensive view of your research progress across teams, projects and experiments.

The Dynamics 365 Enterprise Resource Planning (ERP) integration takes this one step further by combining real time research data, with finance, inventory, operations, and human resource data from across the organization. This enables executive teams to make informed business decisions, identify trends, make forecasts, and improve performance.



MORE INFORMATION

Colabra is the ideal solution for R&D teams looking to improve their compliance, collaboration, and project management. By integrating with the Microsoft tools research organizations already use, it provides the fastest onboarding and a seamless user experience.

If you are interested in learning more about how Colabra can benefit your organization, we invite you to schedule a demo at hello@colabra.app. Our team would be happy to answer any questions you may have and provide a personalized demonstration of Colabra's capabilities and how it would fit within your existing research workflows and tooling.