



# Integrations with Google

[mangoapps.com](https://mangoapps.com)



# Topics

- Introduction & Overview
- Accessing Files
- Widgets
- SSO
- Google Analytics
- Key Takeaways



# Introduction & Overview

## INTRODUCTION

MangoApps seamlessly connects with all Google apps, eliminating tool sprawl and creating one unified platform. By integrating MangoApps with Google Workspace systems, users can stay focused, leading to effortless communication and collaboration and increased productivity and engagement.

## OVERVIEW

- Through Federated Search and widgets, users can access their personal Google files effortlessly, from a centralized location.
- SSO options allow users to log into your MangoApps domain conveniently and securely, while user provisioning tools automate tedious tasks.
- Google Analytics help you determine which areas of your MangoApps domain are most popular, so you can confidently make changes to your site as needed.

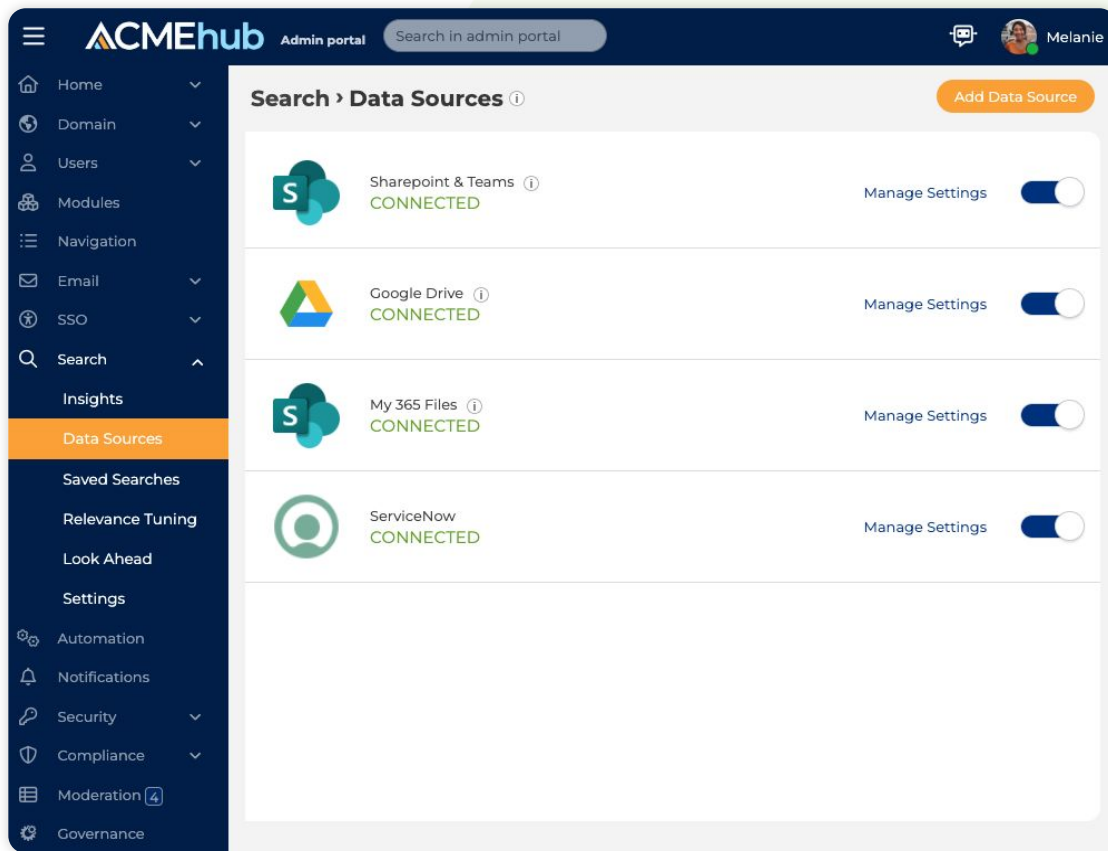
# Accessing Files

## Connecting Data Sources

To allow users to search for their Google Drive files within MangoApps, simply add Google Drive as a Data Source in the Search section of the Admin Portal and toggle it to “on.”

After that, when users first come across an instance of Google on your MangoApps domain, they’ll be prompted to log in to Google and connect their accounts.

Once connected, they can seamlessly search for Drive files without needing to log in again.



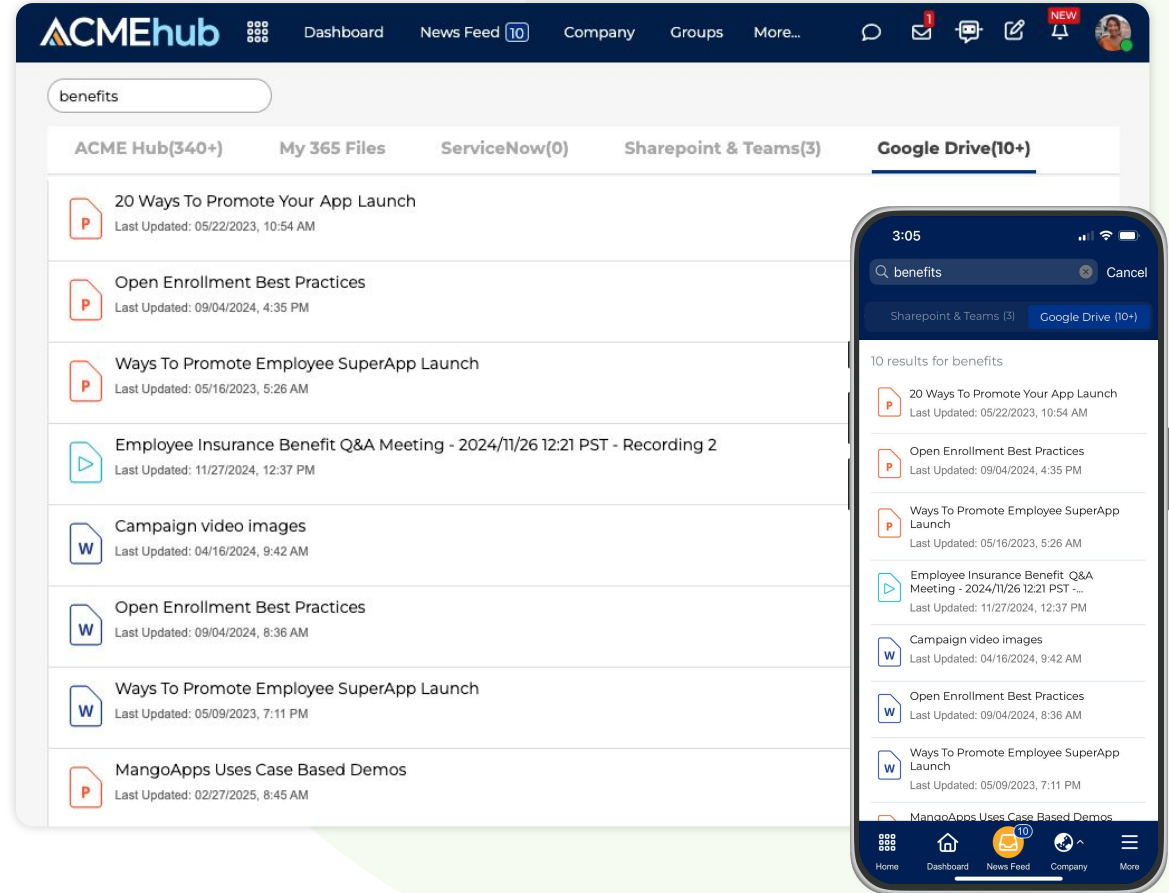
The screenshot shows the ACMEhub Admin Portal interface. The top navigation bar includes the ACMEhub logo, 'Admin portal', a search bar, and a user profile for 'Melanie'. The left sidebar contains a menu with categories like Home, Domain, Users, Modules, Navigation, Email, SSO, Search, Insights, Saved Searches, Relevance Tuning, Look Ahead, Settings, Automation, Notifications, Security, Compliance, Moderation, and Governance. The 'Data Sources' section is highlighted in orange. The main content area displays a list of connected data sources under the heading 'Search > Data Sources'. Each source has a status of 'CONNECTED' and a 'Manage Settings' toggle switch.

| Data Source        | Status    | Manage Settings                     |
|--------------------|-----------|-------------------------------------|
| Sharepoint & Teams | CONNECTED | <input checked="" type="checkbox"/> |
| Google Drive       | CONNECTED | <input checked="" type="checkbox"/> |
| My 365 Files       | CONNECTED | <input checked="" type="checkbox"/> |
| ServiceNow         | CONNECTED | <input checked="" type="checkbox"/> |

# Google Drive Files in Federated Search

Users can access their individual Google Drive files via MangoApps' Search feature. Results from their Google Drive account will appear in the Google tab on the Search Results page.

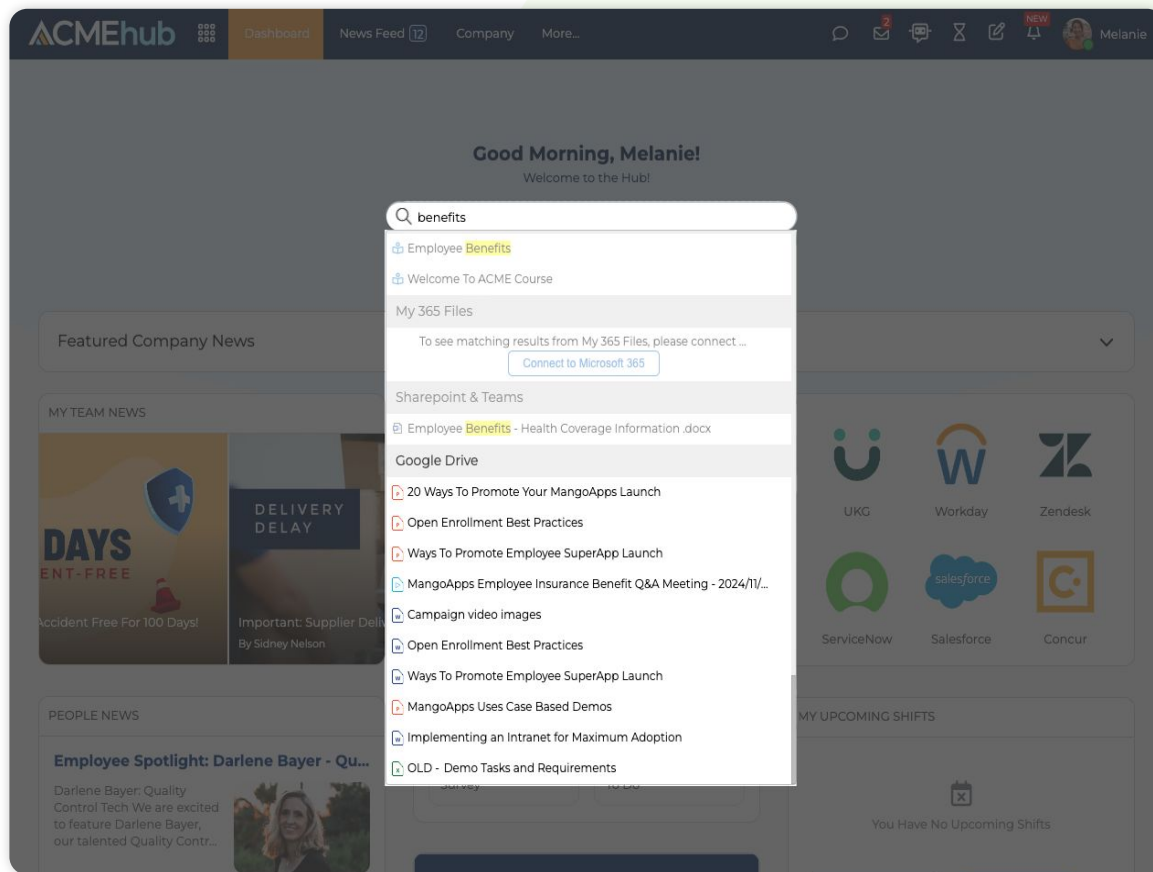
Open Google Doc files directly from your MangoApps domain to effortlessly edit content and share links.



# Google Drive Files in Predictive Lookahead Search

Individual's Google Drive files will appear in the predictive lookahead Search bar as well.

As users type their Search queries, results from their Google Drive will automatically appear, giving them quick access to potentially relevant files.

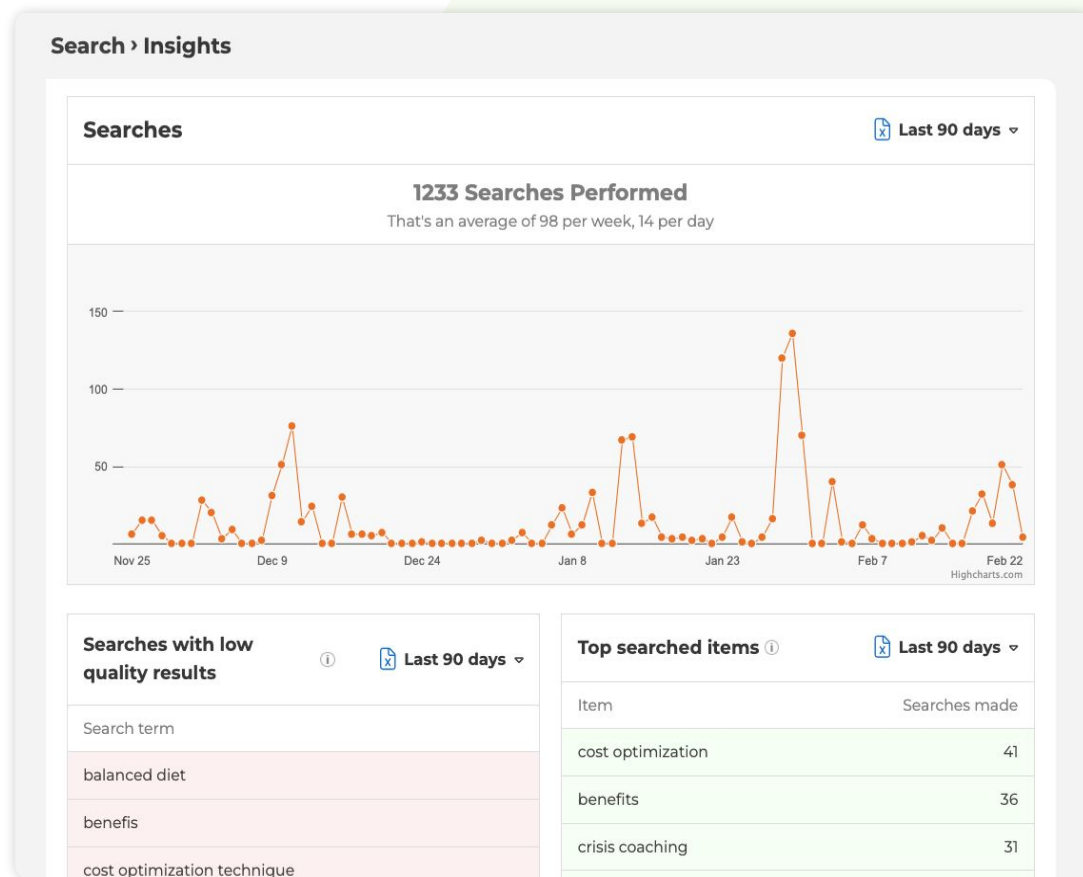


# Search Analytics

The Search Analytics Dashboard helps administrators monitor search activity, identify low-quality search results, and track top-searched items.

These insights cover searches across your domain, including Google Drive files and other connected data sources.

Additionally, user feedback on Google Drive search results serves as a guide for administrators to pinpoint and address areas needing improvement.

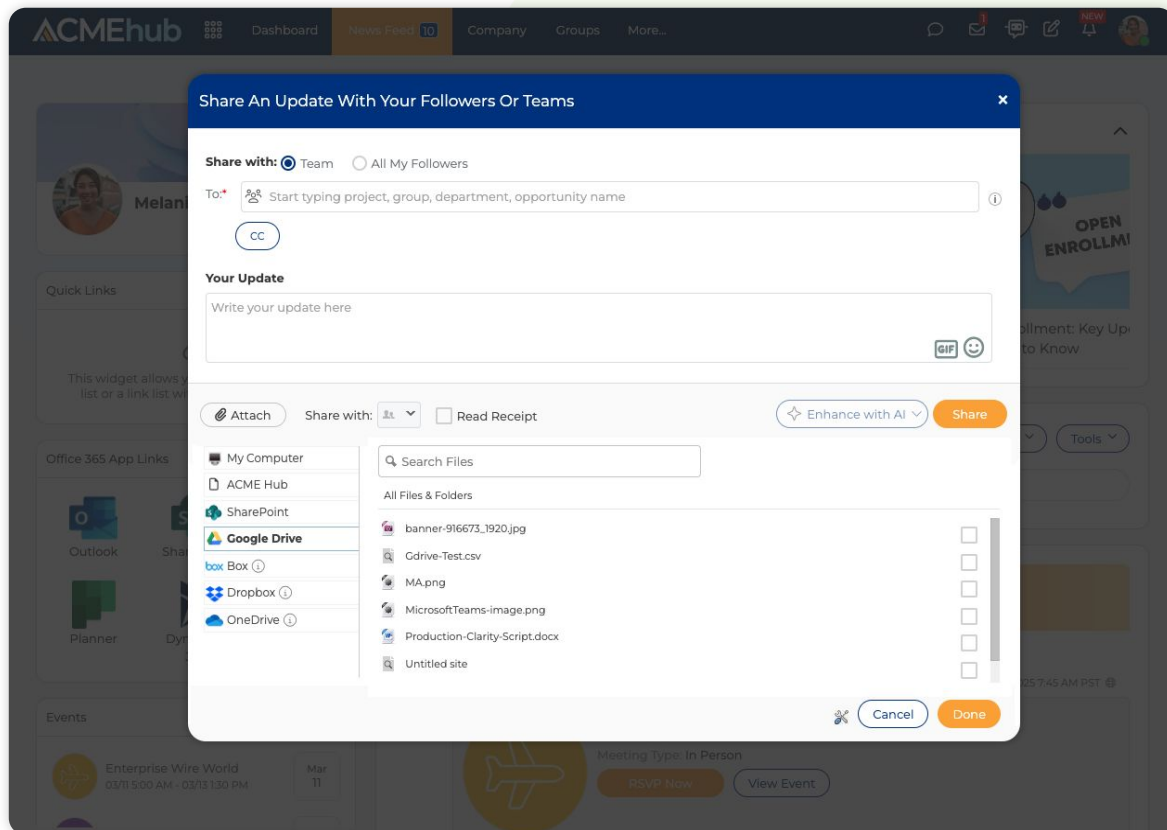


# Search Analytics

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# Google Widgets

# Personalize the User Experience with Widgets

Our collection of SSO-based widgets provides users convenient access to their commonly used Google tools, including Drive, Calendar, and a number of other GSuite apps.

Include Google widgets on users' Dashboards and News Feeds to create an easily accessible, personalized collection of tools and resources.

The screenshot displays the ACMEhub dashboard for user Melanie. The interface includes a top navigation bar with 'ACMEhub', 'Dashboard', 'News Feed', 'Company', 'Groups', 'People', and 'More...'. A search bar is located below the navigation. The main content area is personalized for Melanie and features several widgets:

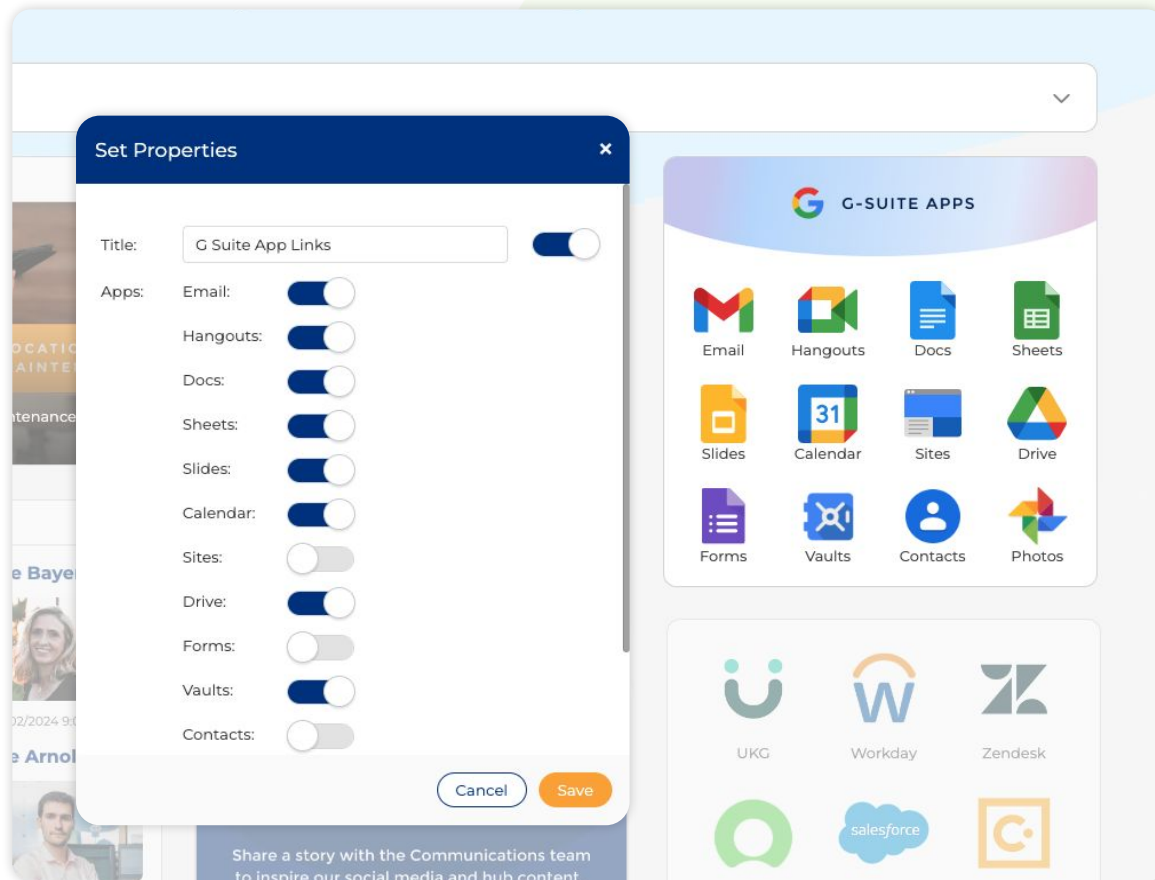
- Featured Company News:** A dropdown menu for filtering news.
- MY TEAM NEWS:** A widget showing a featured article titled 'Stay Aware: Upcoming Location Maintenance' by Aaron Ugo, with a 'LOCATION MAINTENANCE' badge.
- PEOPLE NEWS:** A widget displaying two employee spotlights: 'Employee Spotlight: Darlene Bayer - Quality Control Tech' and 'Employee Spotlight: Eugene Arnoldo - Warehouse Associate', both by Adela Lindgren.
- GOOGLE DRIVE:** A widget showing a list of documents, including 'MangoApps: Security & Compliance White Paper', 'Your Guide To MangoApps AI Hub: The Employee Answer Engine', 'List of MA Docs', and 'Comprehensive Services to Maximize Your MangoApps Experience'.
- G-SUITE APPS:** A widget providing quick access to various Google Workspace applications: Email, Hangouts, Docs, Sheets, Slides, Calendar, Drive, and Vaults.
- GOOGLE CALENDAR:** A widget showing a calendar view for March 2025, with the current date (March 31) highlighted.
- MY PRIORITY ITEMS:** A widget displaying counts for Tasks (30), Events (14), Approvals (8), and Courses (1).

# G Suite Apps

Quickly access your company's go-to G Suite Apps. With this widget, configure your ideal set of Google tools by toggling your preferred apps on or off.

## Choose from:

- |          |          |
|----------|----------|
| Gmail    | Sites    |
| Email    | Drive    |
| Hangouts | Forms    |
| Docs     | Vaults   |
| Sheets   | Contacts |
| Slides   | Photos   |
| Calendar | Google+  |



# Google Calendar

View events from your Google calendar within MangoApps.

Choose from three different views:

- Monthly
- Weekly
- Daily

The screenshot shows the ACMEhub dashboard with three Google Calendar widgets. The top navigation bar includes 'ACMEhub', 'Dashboard', 'News Feed 10', 'Company', 'Groups', 'People', and 'More...'. The user profile 'Melanie' is visible in the top right.

**Calendar 1 (Daily View):** Shows a vertical list of time slots from 7:00 AM to 7:00 PM for 'Mar 18, 2025'. The view is set to 'Day'.

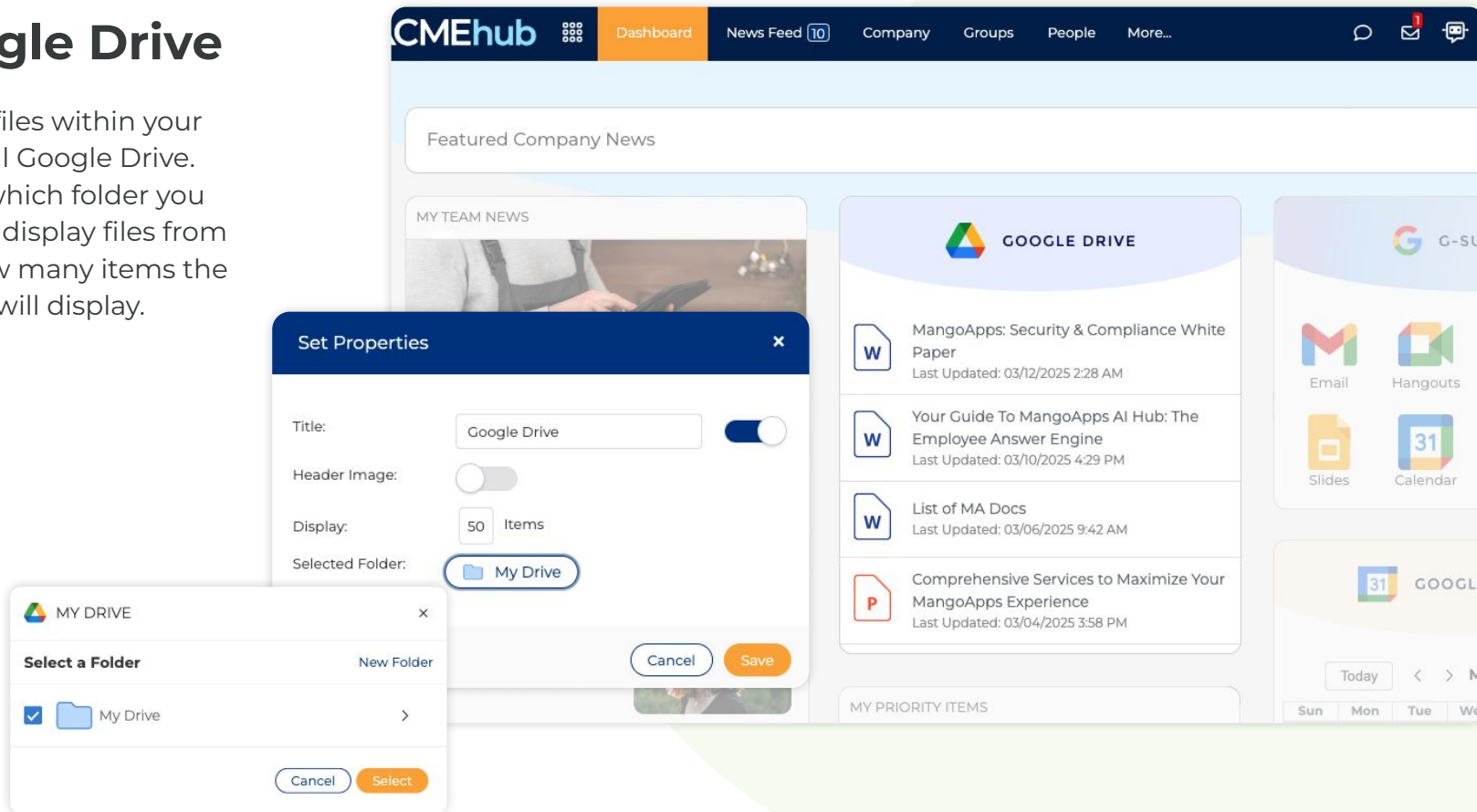
**Calendar 2 (Weekly View):** Shows a weekly grid for 'Mar 10 - Mar 14, 2025'. The current day is Wednesday, March 12. Events include 'Out Of Office' on Monday and Tuesday, and 'Tea...' on Wednesday.

**Calendar 3 (Monthly View):** Shows a monthly grid for 'Mar, 2025'. Events are scattered across the month, including 'Out Of Office' on the 9th and 10th, and 'Tea...' events on the 4th, 6th, 11th, 18th, 25th, and 31st.

At the bottom right, there is a 'G-SUITE APPS' section with icons for Email, Hangouts, Docs, and Sheets.

# Google Drive

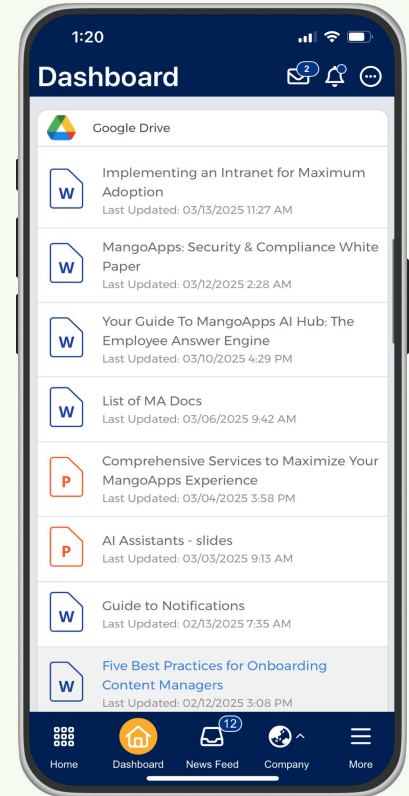
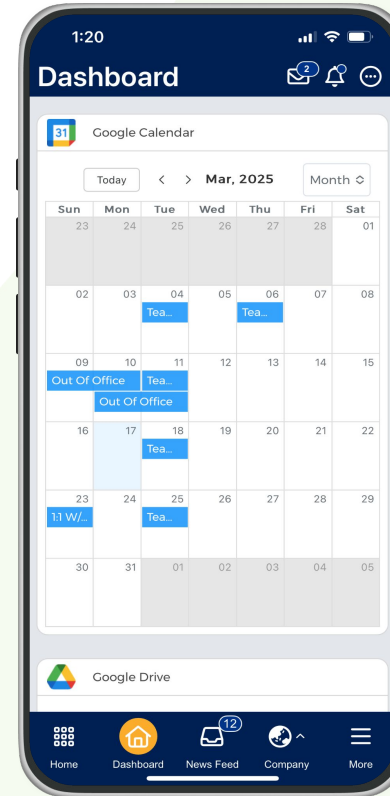
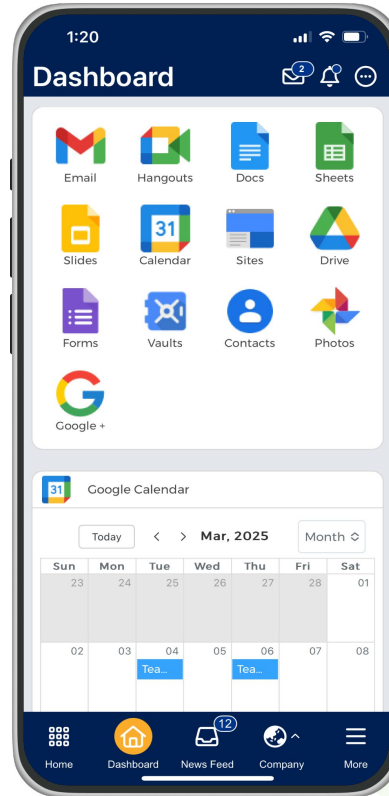
Access files within your personal Google Drive. Select which folder you want to display files from and how many items the widget will display.



# Google Widgets on Mobile

All Google widgets offered by MangoApps are also available on mobile devices as well as desktop.

Give frontline teams fast access to their Google files and documents by displaying these widgets on your domain's mobile Dashboard.



# Single Sign-on (SSO)

# Streamlined User Provisioning with SSO

Enable Single Sign-on with Google, so staff can use their Google credentials to authenticate their MangoApps login.

Simplify password management by eliminating the need to memorize multiple sets of credentials.

# WELCOME

to the MangoApps Demo Site

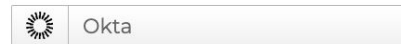
### Access the Demo Site from your mobile device!



- 1 Download the app using the QR code
- 2 Enter you login ID and Password
- 3 Under "Advanced" enter the Domain URL: [demos.mangoapps.com](https://demos.mangoapps.com)
- 4 Sign in!

[Login](#)
[Downloads](#)
[Support](#)

Login with SSO



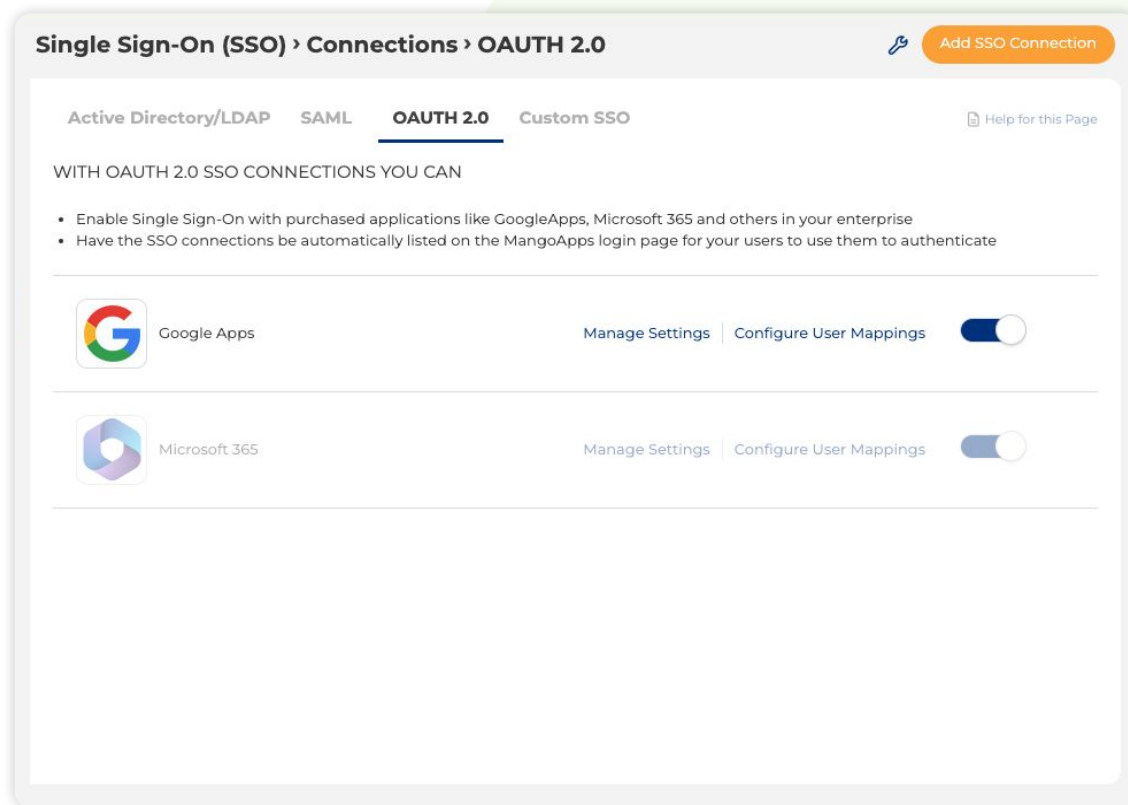
OR

[Login using login ID / password](#)

# Google Workplace (OAUTH 2.0)

MangoApps seamlessly integrates with Google Workplace through OAUTH 2.0 provisioning. This integration empowers organizations using MangoApps with automated user provisioning and lifecycle management, ensuring a streamlined and efficient process.

Set up your Workplace profile and create an OAuth client ID. Then, enter the client ID in the MangoApps SSO connection wizard in the Admin Portal. This will make it possible for employees to access your MangoApps domain with their Google account.



The screenshot shows the 'Single Sign-On (SSO) > Connections > OAUTH 2.0' page in the MangoApps Admin Portal. The page has a breadcrumb trail and a 'Help for this Page' link. Below the breadcrumb, there are tabs for 'Active Directory/LDAP', 'SAML', 'OAUTH 2.0' (which is selected), and 'Custom SSO'. A section titled 'WITH OAUTH 2.0 SSO CONNECTIONS YOU CAN' lists two bullet points: 'Enable Single Sign-On with purchased applications like GoogleApps, Microsoft 365 and others in your enterprise' and 'Have the SSO connections be automatically listed on the MangoApps login page for your users to use them to authenticate'. Below this, there are two rows of application cards. The first row is for 'Google Apps', showing the Google logo, the text 'Google Apps', and two links: 'Manage Settings' and 'Configure User Mappings'. To the right of these links is a toggle switch that is currently turned on. The second row is for 'Microsoft 365', showing the Microsoft logo, the text 'Microsoft 365', and the same two links, with a toggle switch that is also turned on.

# Google Cloud Identity (LDAP)

Companies who use Google as their cloud identity provider can now integrate MangoApps user sync and Group sync over LDAP.

This integration is simple to set up in comparison to on-premise active directory, which requires significant IT cost & effort.

First, follow the steps to add the LDAP client in your Google Admin. Then, from the MangoApps Admin Portal, add the Google Cloud Server by navigating to SSO -> Connections -> Active Directory/LDAP.

**Single Sign-On (SSO) > Connections > Active Directory/LDAP**

[Active Directory/LDAP](#)
[SAML](#)
[OAUTH 2.0](#)
[Custom SSO](#)
[Help for this Page](#)

Enable Active Directory/LDAP Integration [?](#)

Connection Settings: [?](#) [?](#) [Add New Server](#)

**Server 1**

**Server Type:** Google Cloud Identity (LDAP) [?](#)

**Host Name:** machine.example.com [?](#)
**Port:** 389 [?](#)

**Base DN:** dc=example,dc=com [?](#)

**Group Base DN(Optional):** dc=example,dc=com

**Certificate**

**Upload Certificate:** Choose file No file Chosen

**Authentication**

**Admin Login ID:** administrator [?](#)

**Password:**  [?](#)

[Test Connection](#)

# LDAP User Mapping

Set up User Mapping for automatic syncing of user profile data; both scheduled syncs and just-in-time (JIT) syncs from Google Cloud Identity are supported.

With user object filters, admins can control which users from Google Cloud Identity are synced into MangoApps.

**Single Sign-On (SSO) › Connections › Active Directory/LDAP**

User Mapping: ⌵

Specify how to map LDAP fields to user profile information. For fields where the mappings has been provided the information in profile information of the users will be overridden with what is present in LDAP. Leave the AD/LDAP field empty, if you don't want the field value to be synced from AD/LDAP.

| User fields to AD/LDAP mapping                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Additional Info <span>ⓘ</span>                   |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
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| <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid #ccc; padding: 5px;">MangoApps Field</th> <th style="text-align: left; border-bottom: 1px solid #ccc; padding: 5px;">AD/LDAP Field <span>ⓘ</span></th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"><b>User Identifier:</b></td> <td style="padding: 5px;"><input type="text" value="uid"/></td> </tr> <tr> <td style="padding: 5px;"><b>User Name (UN):</b></td> <td style="padding: 5px;"><input type="text" value="uid"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Name Format:</b></td> <td style="padding: 5px;"><input type="text" value="Full Name"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Full Name:</b></td> <td style="padding: 5px;"><input type="text" value="cn"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Email:</b></td> <td style="padding: 5px;"><input type="text" value="mail"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Title:</b></td> <td style="padding: 5px;"><input type="text" value="title"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Organization:</b></td> <td style="padding: 5px;"><input type="text" value="organization"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Department:</b></td> <td style="padding: 5px;"><input type="text" value="departmentNumber"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Phone:</b></td> <td style="padding: 5px;"><input type="text" value="telephoneNumber"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Desktop Ext:</b></td> <td style="padding: 5px;"><input type="text" value="workDeskExtension"/> ⓘ</td> </tr> <tr> <td style="padding: 5px;"><b>Mobile:</b></td> <td style="padding: 5px;"><input type="text" value="mobile"/> ⓘ</td> </tr> </tbody> </table> | MangoApps Field                                  | AD/LDAP Field <span>ⓘ</span> | <b>User Identifier:</b> | <input type="text" value="uid"/> | <b>User Name (UN):</b> | <input type="text" value="uid"/> ⓘ | <b>Name Format:</b> | <input type="text" value="Full Name"/> ⓘ | <b>Full Name:</b> | <input type="text" value="cn"/> ⓘ | <b>Email:</b> | <input type="text" value="mail"/> ⓘ | <b>Title:</b> | <input type="text" value="title"/> ⓘ | <b>Organization:</b> | <input type="text" value="organization"/> ⓘ | <b>Department:</b> | <input type="text" value="departmentNumber"/> ⓘ | <b>Phone:</b> | <input type="text" value="telephoneNumber"/> ⓘ | <b>Desktop Ext:</b> | <input type="text" value="workDeskExtension"/> ⓘ | <b>Mobile:</b> | <input type="text" value="mobile"/> ⓘ | <p>Field value will be used as a key to lookup the user in MangoApps to update other fields</p> |
| MangoApps Field                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | AD/LDAP Field <span>ⓘ</span>                     |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
| <b>User Identifier:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="text" value="uid"/>                 |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
| <b>User Name (UN):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="text" value="uid"/> ⓘ               |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
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| <b>Email:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="text" value="mail"/> ⓘ              |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
| <b>Title:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="text" value="title"/> ⓘ             |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
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| <b>Phone:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="text" value="telephoneNumber"/> ⓘ   |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
| <b>Desktop Ext:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="text" value="workDeskExtension"/> ⓘ |                              |                         |                                  |                        |                                    |                     |                                          |                   |                                   |               |                                     |               |                                      |                      |                                             |                    |                                                 |               |                                                |                     |                                                  |                |                                       |                                                                                                 |
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# LDAP Group Mapping

Group Mapping enables network admins to automate Group creation and user assignment in MangoApps.

Group custom fields can be mapped and will be kept in sync in MangoApps, even when it changes in Google Cloud Identity.

Using group object filters, admins can control which groups from Google Cloud Identity are synced into MangoApps.

**Single Sign-On (SSO) > Connections > Active Directory/LDAP**

Group Mapping: 🔄

Specify how to map LDAP fields to group information in MangoApps. For fields where the mappings has been provided then the values in the corresponding fields in AD/LDAP will override what's in MangoApps on next sync. All mapped values are AD/LDAP managed.

**Group fields to AD/LDAP mapping**

**Enable Groups Sync:**  ⓘ

**Group Admin/Creator:** 👤  ⓘ

**Group Name:**

**Group Description:**

**Group Member Association:**

**Child Group Association:**

**Group Object Filter:**

**Purpose:**

**Date of Creation:**

**Custom Fields:**

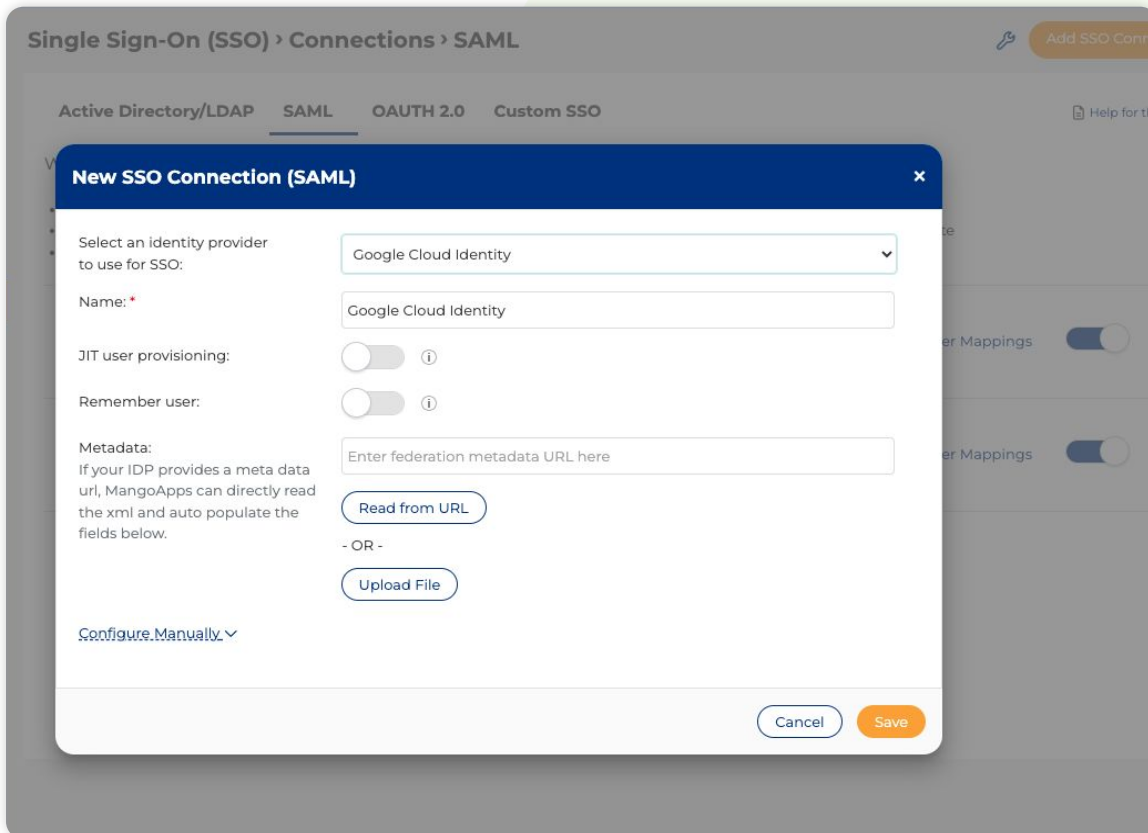
**Country:**

**State:**

# Google SSO Using SAML

With SAML SSO connections, you can enable Single Sign-On with Google for your enterprise.

Have a Google SSO connection automatically listed on the login page of your domain as an authentication option for accessing your MangoApps site.



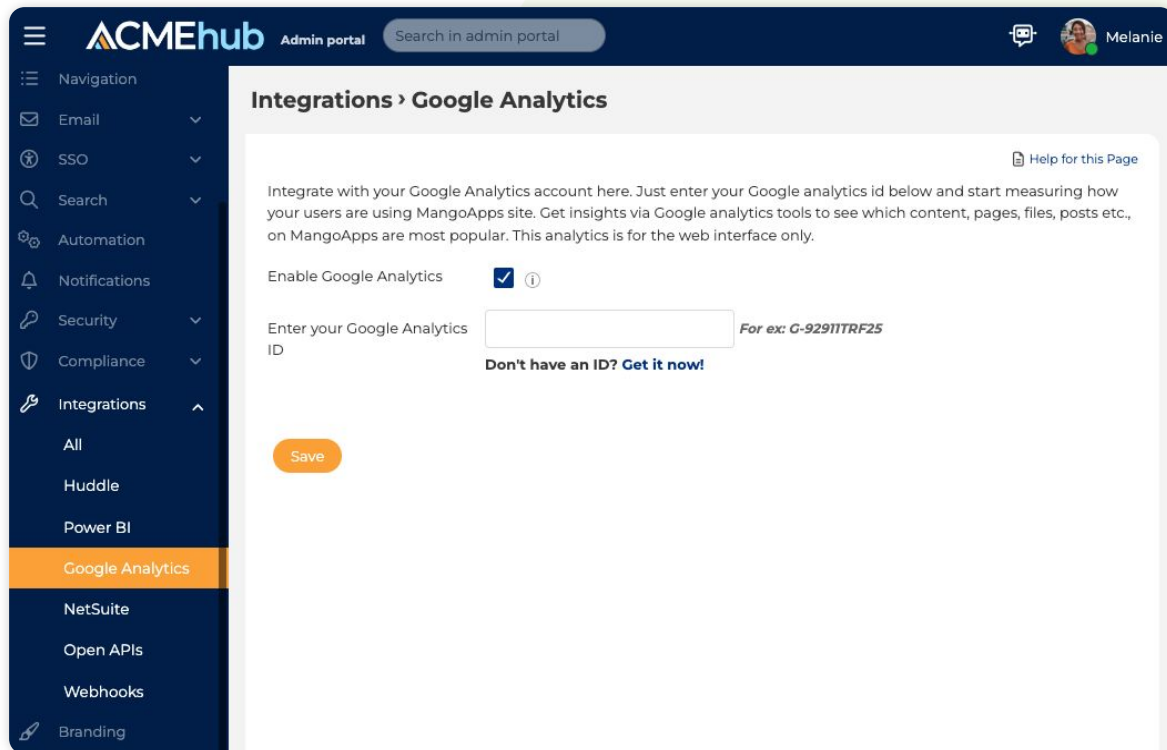
# Google Analytics

# Analytics for Valuable Insights

Get insights via Google analytics tools to see which content, pages, files, posts etc., on your MangoApps domain are most popular.

Use this information to make data driven decisions regarding your site's content, interface, and more, continuously improving the user experience.

Enabling Google Analytics on your MangoApps site is easy---just check the box in the Admin portal to enable it and enter your Google Analytics ID.



# Key Takeaways

- **Find Files across Google and MangoApps** via one powerful search bar, eliminating tool sprawl.
- **Display Google widgets** to fit your needs, providing fast access to personal Google files and content.
- **Effortlessly login** to your MangoApps domain with Google credentials for a streamlined, secure user experience.
- **Utilize Google's user provisioning** tools to automate user and Group management, saving time with ease.
- **Make data-driven decisions** regarding your MangoApps domain with valuable insights from Google Analytics.



**Thank You**