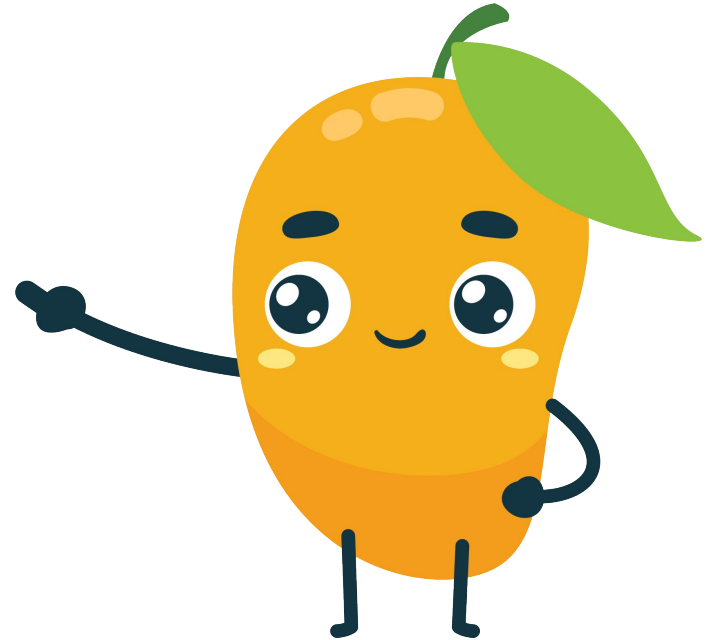




Integrations with Google

Topics

1. Introduction & Overview
2. Accessing Files
3. Widgets
4. SSO
5. Google Analytics
6. 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.

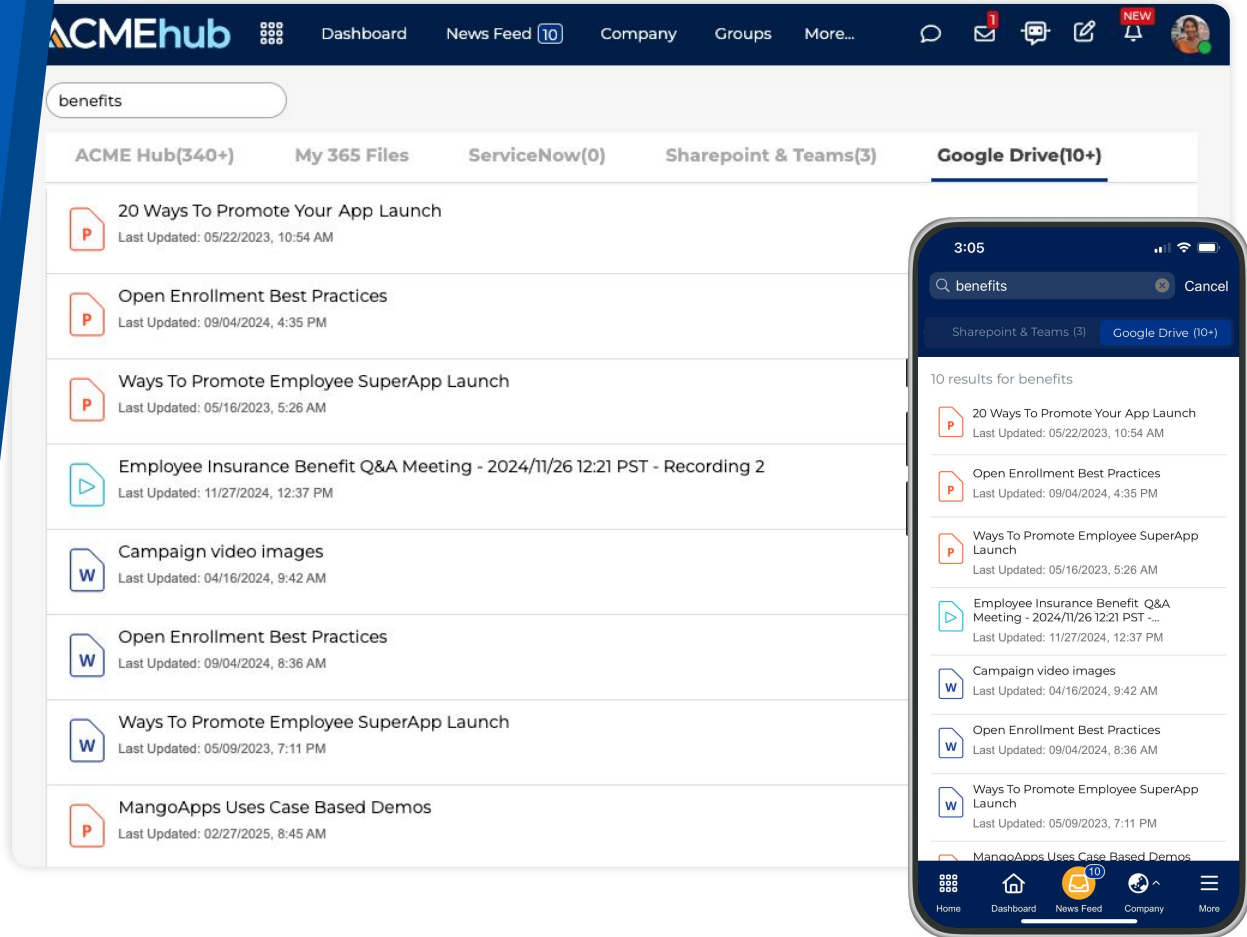
The screenshot displays the ACMEhub Admin portal interface. The top navigation bar includes the ACMEhub logo, 'Admin portal', a search bar, and a user profile for 'Melanie'. The left sidebar contains a menu with categories like Home, Domain, Users, Modules, Navigation, Email, SSO, Search, Insights, Data Sources (highlighted), Saved Searches, Relevance Tuning, Look Ahead, Settings, Automation, Notifications, Security, and Compliance. The main content area is titled 'Search > Data Sources' and features an 'Add Data Source' button. Below this, a list of connected data sources is shown, each with its icon, name, status ('CONNECTED'), and a 'Manage Settings' link with a 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.

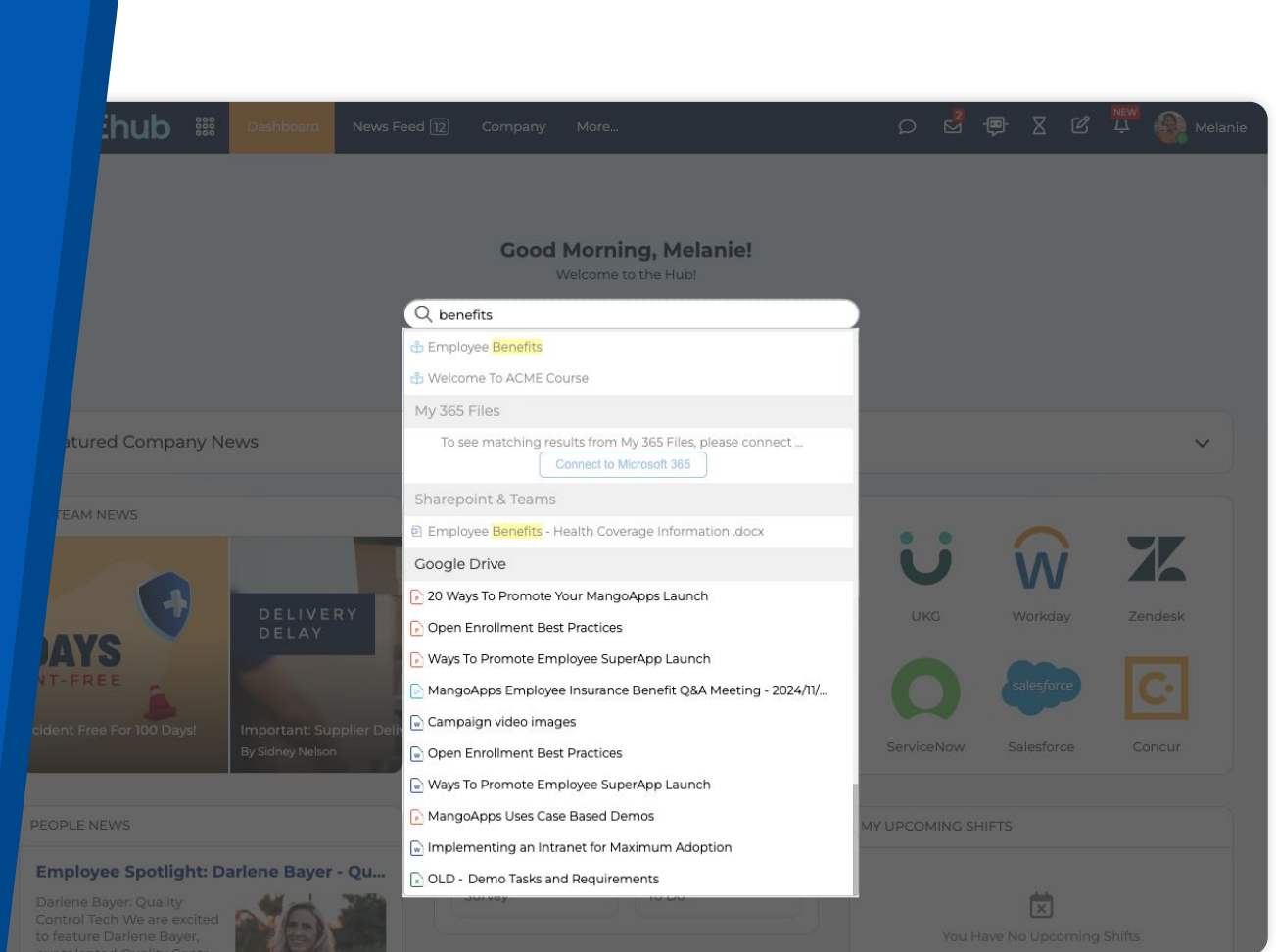
Open Google Doc files directly from your MangoApps domain to effortlessly edit content and share links.



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.

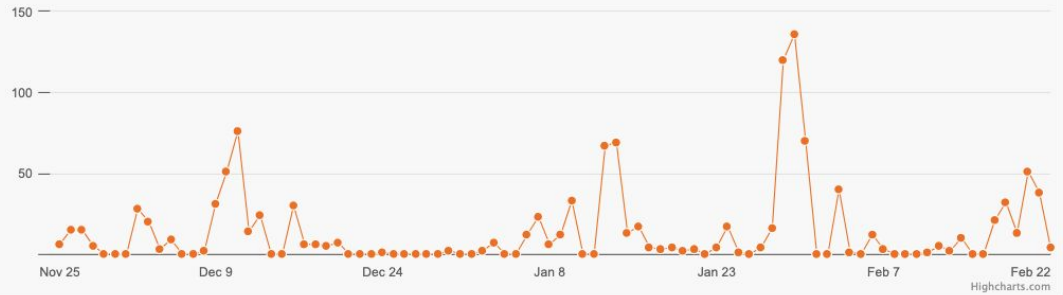
Search › Insights

Searches

Last 90 days ▾

1233 Searches Performed

That's an average of 98 per week, 14 per day



Searches with low quality results



Last 90 days ▾

Search term

balanced diet

benefis

cost optimization technique

Top searched items



Last 90 days ▾

Item

Searches made

cost optimization

41

benefits

36

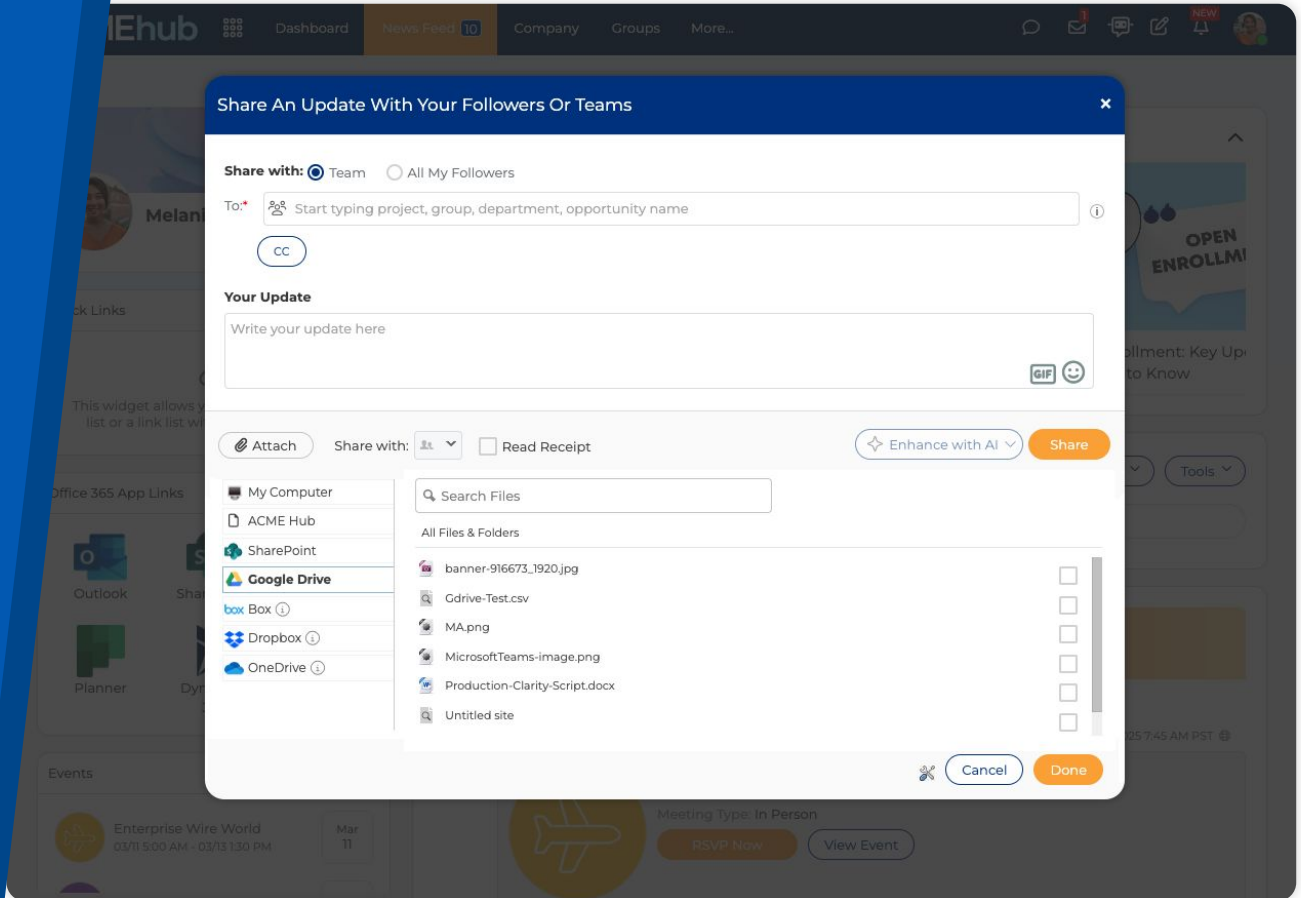
crisis coaching

31

Sharing Google Files in Updates

With MangoApps Updates, users can easily share files from their personal Google Drive account.

Simply click on “Attach” in the Update popup and then select Google. You’ll then be able to select items from your Google Drive to share in your Update.



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.

MEhub Dashboard News Feed 10 Company Groups People More...

Good Afternoon, Melanie!
Welcome to the Hub!

Search in full network

Featured Company News

MY TEAM NEWS

LOCATION MAINTENANCE

Stay Aware: Upcoming Location Maintenance
By Aaron Ugo

PEOPLE NEWS

Employee Spotlight: Darlene Bayer - Qu...

Darlene Bayer: Quality Control Tech We are excited to feature Darlene Bayer, our talented Quality Contr...
By Adela Lindgren 09/02/2024 9:00 AM PDT

Employee Spotlight: Eugene Arnoldo - ...

Eugene Arnoldo: Warehouse Associate This week, we're shining the spotlight on Eugene...
By Adela Lindgren 09/02/2024 9:00 AM PDT

GOOGLE DRIVE

MangoApps: Security & Compliance White Paper
Last Updated: 03/12/2025 2:28 AM

Your Guide To MangoApps AI Hub: The Employee Answer Engine
Last Updated: 03/10/2025 4:29 PM

List of MA Docs
Last Updated: 03/06/2025 9:42 AM

Comprehensive Services to Maximize Your MangoApps Experience
Last Updated: 03/04/2025 3:58 PM

G-SUITE APPS

Email Hangouts Docs Sheets
Slides Calendar Drive Vaults

GOOGLE CALENDAR

Today < > Mar, 2025 Month

Sun	Mon	Tue	Wed	Thu	Fri	Sat
23	24	25	26	27	28	01
02	03	04	05	06	07	08
09	10	11	12 Mela...	13	14	15
16	17	18	19	20	21	22

MY PRIORITY ITEMS

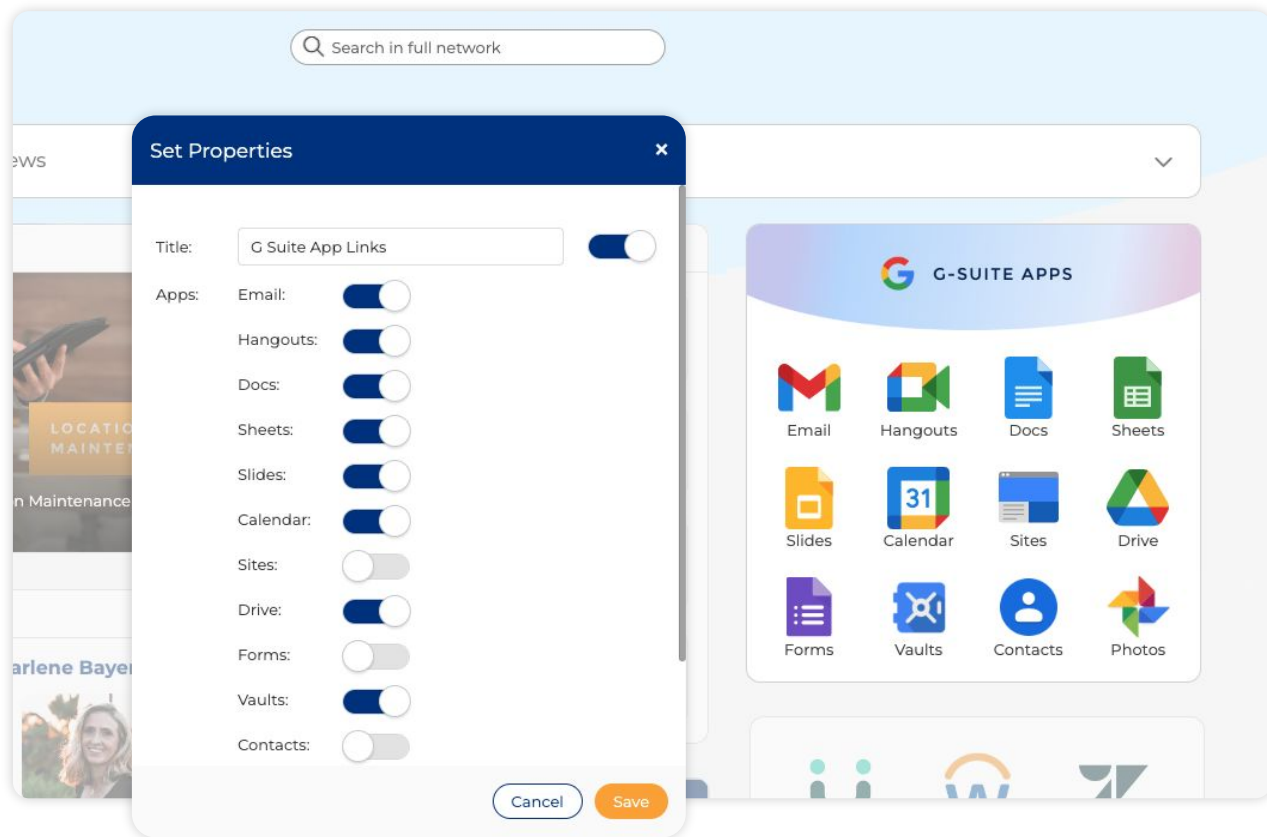
Tasks 30 Events 14
Approvals 8 Courses 1

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 displays the ACMEhub dashboard with a dark blue header. The header includes the ACMEhub logo, a grid icon, and navigation links for Dashboard, News Feed (10), Company, Groups, People, and More... On the right side of the header, there are icons for chat, email (with a red notification badge), calendar, and a user profile for Melanie.

Below the header, three Google Calendar widgets are shown:

- Left Widget (Daily View):** Titled "Google Calendar", it shows the date "Mar 18, 2025" and a "Day" view. The calendar grid lists times from 7:00 AM to 7:00 PM in 1-hour increments. A "PEOPLE NEWS" section is visible at the bottom.
- Middle Widget (Weekly View):** Titled "Google Calendar", it shows the date range "Mar 10 - Mar 14, 2025" and a "Week" view. The grid shows days from Monday to Friday. A blue bar labeled "Out Of Office" spans from 8:00 AM to 9:00 AM on Wednesday, March 12th.
- Right Widget (Monthly View):** Titled "Google Calendar", it shows the date "Mar, 2025" and a "Month" view. The grid shows days from Sunday to Saturday. Blue bars labeled "Tea..." and "Out Of Office" are visible on several days.

At the bottom of the dashboard, there is a "G-SUITE APPS" section with a Google logo and a row of colorful icons representing various applications.

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.

The image shows a screenshot of the CMEhub dashboard with a Google Drive widget. The dashboard header includes the CMEhub logo, a navigation menu with 'Dashboard', 'News Feed 10', 'Company', 'Groups', 'People', and 'More...', and utility icons for chat, email, notifications, and settings.

The Google Drive widget is titled 'GOOGLE DRIVE' and displays a list of documents:

- MangoApps: Security & Compliance White Paper (Last Updated: 03/12/2025 2:28 AM)
- Your Guide To MangoApps AI Hub: The Employee Answer Engine (Last Updated: 03/10/2025 4:29 PM)
- List of MA Docs (Last Updated: 03/06/2025 9:42 AM)
- Comprehensive Services to Maximize Your MangoApps Experience (Last Updated: 03/04/2025 3:58 PM)

Below the widget is a 'MY PRIORITY ITEMS' section. To the right, there is a 'G-SUITE APPS' section with icons for Email, Hangouts, Docs, Slides, Calendar, and Drive. At the bottom right, a 'GOOGLE CALENDAR' widget shows the date 'Mar, 2025'.

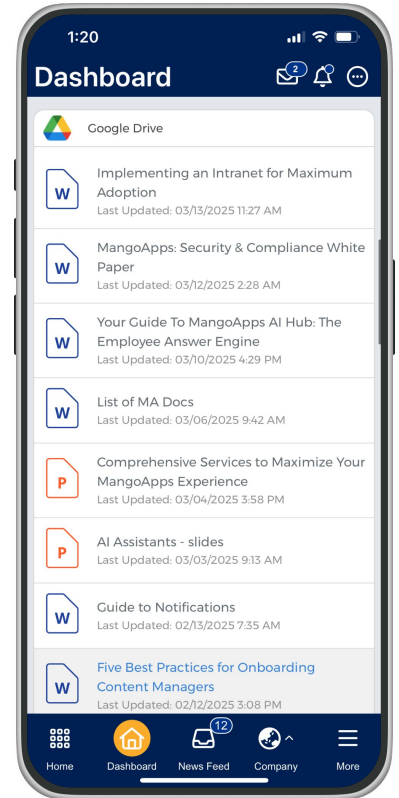
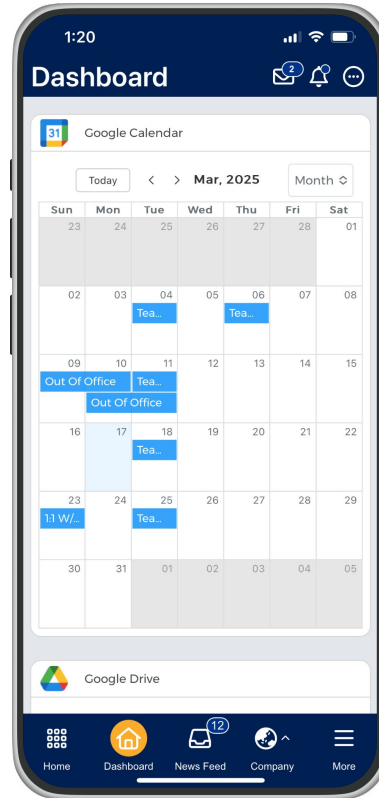
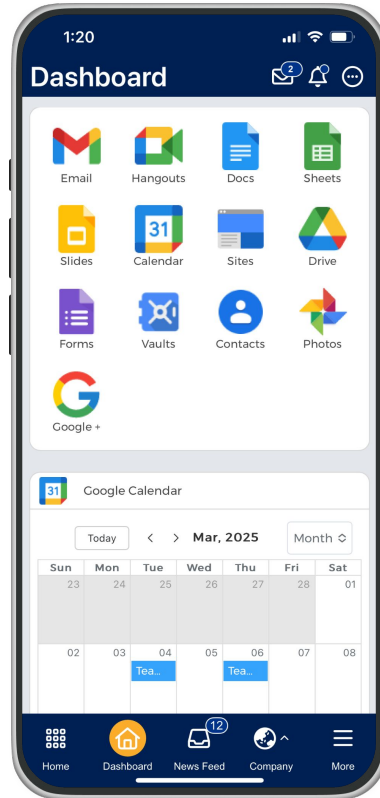
Overlaid on the dashboard are two configuration windows:

- Set Properties:** A modal window with a title 'Set Properties' and a close button. It contains:
 - Title: 'Google Drive' with a toggle switch.
 - Header Image: A toggle switch.
 - Display: '50 Items'.
 - Selected Folder: 'My Drive' (highlighted with a blue border).
- Select a Folder:** A modal window with a title 'Select a Folder' and a close button. It contains:
 - A list of folders, with 'My Drive' selected (checked).
 - 'Cancel' and 'Select' buttons.

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
- 4 Sign in!

Login

Downloads

Support

Login with SSO

	MangoApps
	Okta
	Google Apps
	Microsoft 365

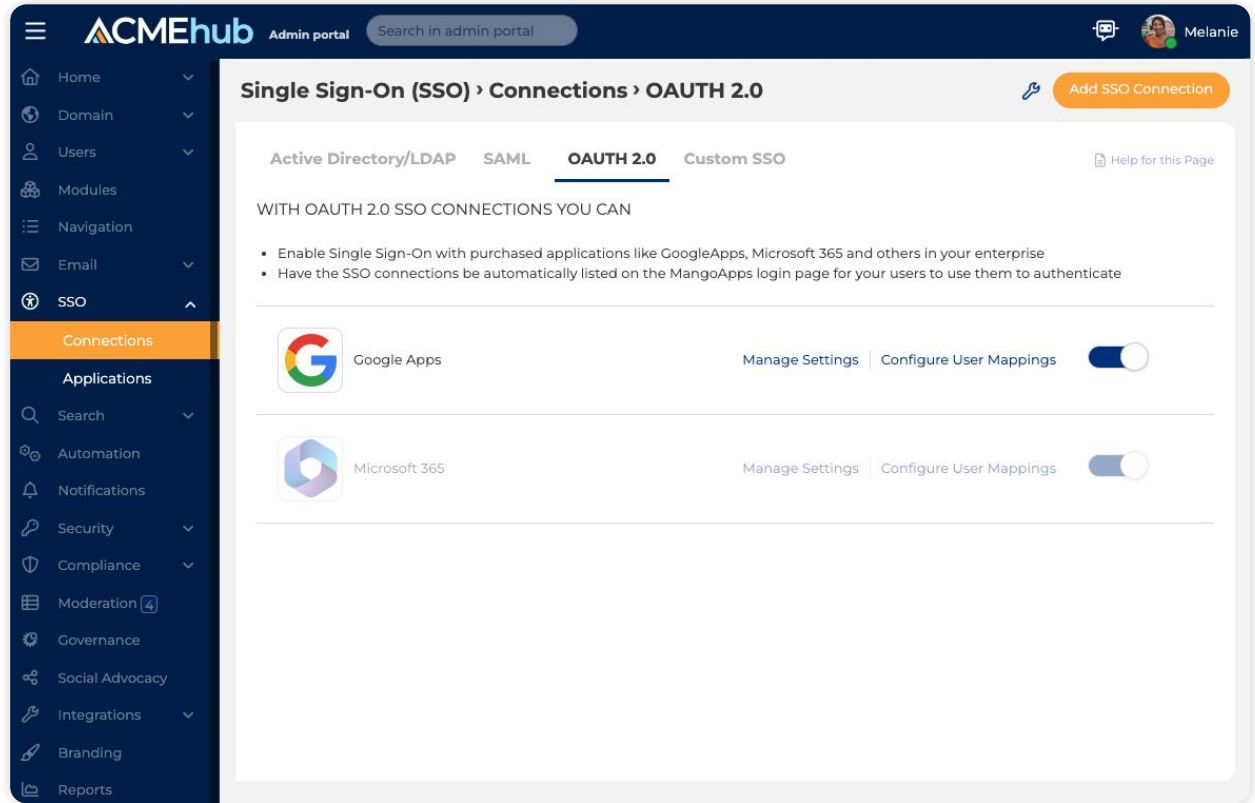
OR

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 displays 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 menu is expanded to 'Connections', which is highlighted in orange. Below 'Connections' are sections for 'Applications' and a list of other admin functions like Search, Automation, Notifications, Security, Compliance, Moderation (4), Governance, Social Advocacy, Integrations, Branding, and Reports. The main content area is titled 'Single Sign-On (SSO) > Connections > OAUTH 2.0' and features an 'Add SSO Connection' button. It has tabs for 'Active Directory/LDAP', 'SAML', 'OAUTH 2.0' (selected), and 'Custom SSO'. A 'Help for this Page' link is also present. Below the tabs, a heading reads 'WITH OAUTH 2.0 SSO CONNECTIONS YOU CAN' followed by 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'. Two application cards are shown: 'Google Apps' and 'Microsoft 365'. Each card includes a logo, the application name, 'Manage Settings' and 'Configure User Mappings' links, and a toggle switch that is currently 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.

The screenshot displays the MangoApps Admin Portal interface for configuring a Single Sign-On (SSO) connection. The breadcrumb trail is: Single Sign-On (SSO) > Connections > Active Directory/LDAP. The page title is "Active Directory/LDAP" with tabs for SAML, OAUTH 2.0, and Custom SSO. A checkbox labeled "Enable Active Directory/LDAP Integration" is checked. Below this, there are "Connection Settings" and a "Help for this Page" link. A "Test Connection" button is visible at the bottom. The main configuration area is titled "Server 1" and includes the following fields:

- Server Type:** A dropdown menu set to "Google Cloud Identity (LDAP)".
- Host Name:** A text input field containing "machine.example.com".
- Port:** A text input field containing "389".
- Base DN:** A text input field containing "dc=example,dc=com".
- Group Base DN(Optional):** A text input field containing "dc=example,dc=com".

Below the server configuration, there are sections for "Certificate" and "Authentication":

- Certificate:** An "Upload Certificate" section with a "Choose file" button and the text "No file Chosen".
- Authentication:** Fields for "Admin Login ID" (containing "administrator") and "Password" (an empty field).

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.

The screenshot displays the ACMEhub Admin portal interface. The left sidebar contains navigation options: Home, Domain, Users, Modules, Navigation, Email, SSO, Connections (highlighted), Applications, Search, Automation, Notifications, Security, Compliance, Moderation (4), Governance, Social Advocacy, Integrations, Branding, Reports, Analytics, and Sitemap. The main content area is titled "Single Sign-On (SSO) > Connections > Active Directory/LDAP". Below the title, there is a "User Mapping" section with a help icon. A descriptive text states: "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." Below this is a table for "User fields to AD/LDAP mapping" with an "Additional Info" icon. The table has two columns: "MangoApps Field" and "AD/LDAP Field". The rows are: User Identifier (uid), User Name (UN) (uid), Name Format (Full Name), Full Name (cn), Email (mail), Title (title), Organization (organization), Department (departmentNumber), Phone (telephoneNumber), and Desktop Ext (workDeskExtension). To the right of the table, a note states: "Field value will be used as a key to lookup the user in MangoApps to update other fields". The top right of the portal shows a user profile for "Melanie".

ACMEhub Admin portal Search in admin portal Melanie

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 ⓘ
MangoApps Field	AD/LDAP Field ⓘ	
User Identifier:	<input type="text" value="uid"/>	Field value will be used as a key to lookup the user in MangoApps to update other fields
User Name (UN):	<input type="text" value="uid"/>	ⓘ
Name Format:	<input type="text" value="Full Name"/>	ⓘ
Full Name:	<input type="text" value="cn"/>	ⓘ
Email:	<input type="text" value="mail"/>	ⓘ
Title:	<input type="text" value="title"/>	ⓘ
Organization:	<input type="text" value="organization"/>	ⓘ
Department:	<input type="text" value="departmentNumber"/>	ⓘ
Phone:	<input type="text" value="telephoneNumber"/>	ⓘ
Desktop Ext:	<input type="text" value="workDeskExtension"/>	ⓘ

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.

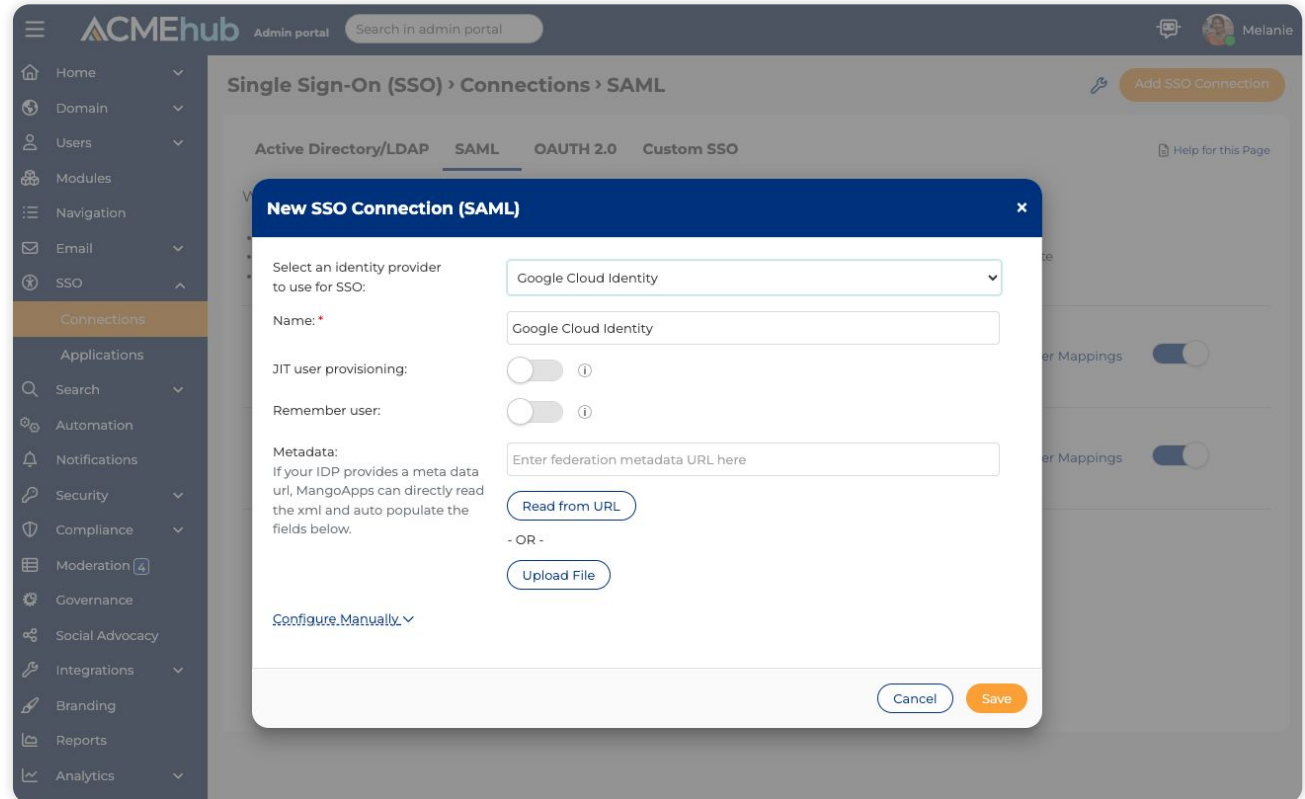
Using group object filters, admins can control which groups from Google Cloud Identity are synced into MangoApps.

The screenshot displays 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: Home, Domain, Users, Modules, Navigation, Email, SSO, Connections (highlighted), Applications, Search, Automation, Notifications, Security, Compliance, Moderation, Governance, Social Advocacy, Integrations, Branding, Reports, Analytics, and Sitemap. The main content area is titled 'Single Sign-On (SSO) > Connections > Active Directory/LDAP'. Below the title, it says 'Group Mapping: ⓘ'. A descriptive paragraph states: '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.' The configuration section is titled 'Group fields to AD/LDAP mapping' and includes the following fields: 'Enable Groups Sync:' (checkbox), 'Group Admin/Creator:' (dropdown menu showing 'Vincent Koss'), 'Group Name:' (text input with 'cn'), 'Group Description:' (text input with 'description'), 'Group Member Association:' (text input with 'memberUid'), 'Child Group Association:' (text input), 'Group Object Filter:' (text input with '(objectClass=posixGroup)'), 'Purpose:' (text input), 'Date of Creation:' (text input), 'Custom Fields:' (text input with 'Country:'), and 'State:' (text input).

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.



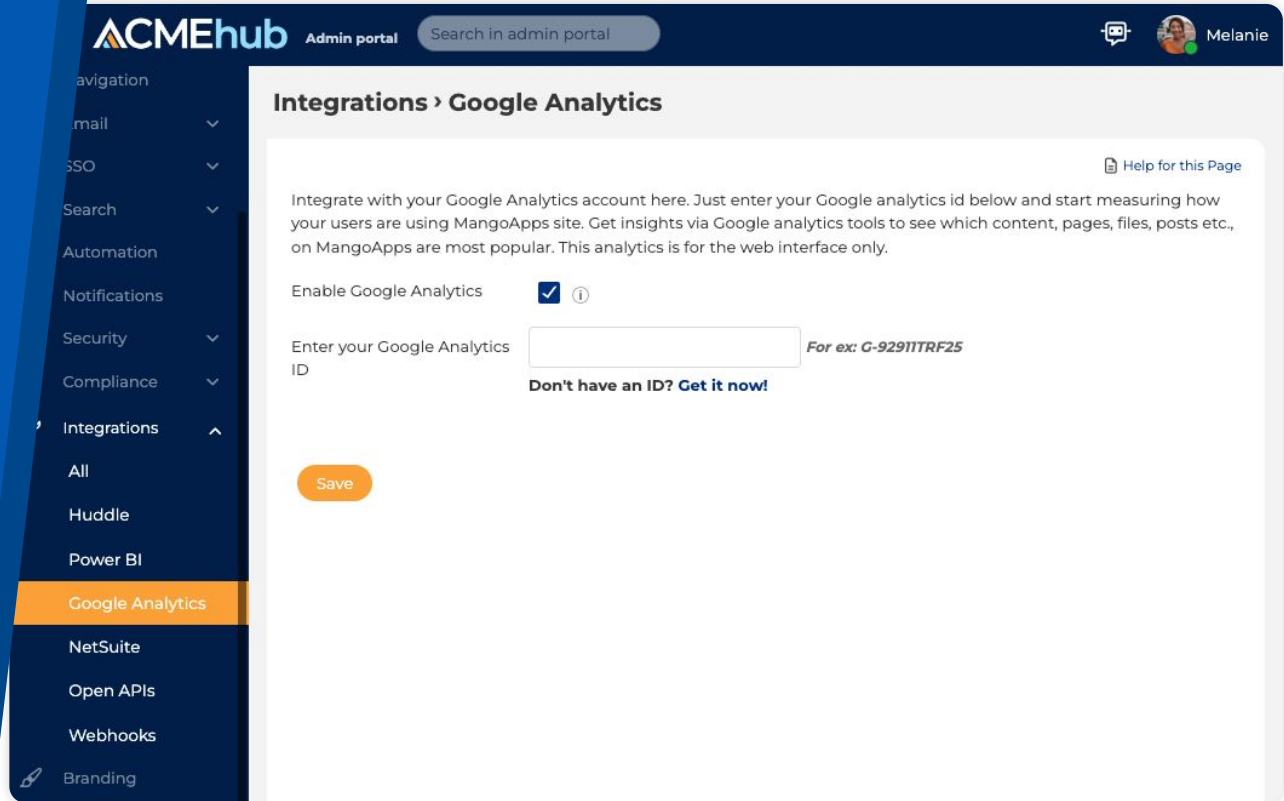
Google Analytics

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.



The screenshot displays the ACMEhub Admin portal interface. At the top, the logo 'ACMEhub' is followed by 'Admin portal' and a search bar. A user profile for 'Melanie' is visible in the top right. A dark sidebar on the left contains a navigation menu with items: Navigation, Email, SSO, Search, Automation, Notifications, Security, Compliance, Integrations (highlighted), All, Huddle, Power BI, Google Analytics (highlighted), NetSuite, Open APIs, Webhooks, and Branding. The main content area is titled 'Integrations > Google Analytics' and includes a 'Help for this Page' link. The instructions state: 'Integrate with your Google Analytics account here. Just enter your Google analytics id below and start measuring how your users are using MangoApps site. Get insights via Google analytics tools to see which content, pages, files, posts etc., on MangoApps are most popular. This analytics is for the web interface only.' There is a checked checkbox for 'Enable Google Analytics' with an information icon. Below it is a text input field for the 'Enter your Google Analytics ID' with the example 'For ex: G-92911TRF25' and a link 'Don't have an ID? Get it now!'. A 'Save' button is located at the bottom of the form.

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.