

# SysTools Export

## Office 365 Emails in MSG Format

### Primary Objective

As a User, I should be able to export Office 365 Emails into MSG format.

### Prerequisites

- The project should be created on the Azure portal.
- The source domain should be having Mail.Read(Graph) permissions granted on the Azure project.
- The destination folder should have written permission.
- The destination should have enough space according to the size of the source account.
- Bandwidth should be minimum of 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

### Features:

Feature Point	Status	Description
Demo Version	2 Users allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode Character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Deleted Items	Supported	
Subject, To, Multiple To, Cc, Bcc, Multiple Cc, Multiple Bcc	Supported	
Categories	Not Supported	
Read /Unread Status	Not Supported	Not applicable after exporting to the local machine.
Mail Attachments	Supported	
One Drive attachment	Not Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	150 MB
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML Body	Supported	
RTF Body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment Name	Supported	
Follow Up Flags	Not Supported	
Junk Email	Supported	

Folder Name Length	Supported	244 Characters
Folder Name Characters V:*?"<>	Not Supported	Windows itself does not support these characters. These characters in folder name will be replaced by “_”.
Export to Network Path	Not Supported	
Max File Name Length	Supported	50 Characters
Folder Name Ending with Dot(.)	Not Supported	

**Shortcoming and Limitation :**

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself does not support [/] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	Windows itself not support [\] in folder name. It will be replaced by “_”.

[Office 365 Emails in EML Format](#)

**Primary Objective**

As a User I should be able to export Office 365 Emails into EML format.

**Prerequisites**

- Project should be created on Azure portal.
- The source domain should be having Mail. Read(Graph) permissions granted on the Azure project.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

**Features:**

Feature Point	Status	Description
Demo Version License	2 Users allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Deleted Items	Supported	
Subject, To, Multiple To, Cc, Multiple Cc, Bcc, Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	Not applicable after exporting to the local machine.
Mail Attachments	Supported	

OneDrive attachment	Not Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	150MB
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML Body	Supported	
RTF Body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment Name	Supported	
Follow Up Flags	Not supported	
Junk Email	Supported	
Folder Name length	Supported	244 Characters
Folder Name Characters V:*?"<>	Not Supported	Windows itself not support characters. These characters in folder name is replaced by “_”.
Export to Network Path	Not Supported	
Folder Name Ending with Dot(.)	Not Supported	

**Shortcoming and Limitation :**

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself not support [ / ] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	Windows itself not support [ \ ] in folder name. It will be replaced by “_”.

[Office 365 Emails in MBOX Format](#)

**Primary Objective**

As a User I should be able to export Office 365 Emails in to MBOX format.

**Prerequisites**

- Project should be created on Azure portal
- The source domain should be having Mail.Read(Graph) permissions granted on the Azure project.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

**Features:**

Feature Point	Status	Description
Demo Version License	2 Users allowed	
Date Filter	Supported	On Creation date time

Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	It creates with incremental counter.
Deleted Items	Supported	
Max File Name length	50 Characters	
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML Body	Supported	
Calendar Invitation	Not Supported	
Foreign Language Subject, Body, Attachment name	Supported	
Group Folders	Not Supported	
Follow Up Flags	Not Supported	
Junk Email	Supported	
Signature Settings	Not Supported	
Group Mailbox	Not Supported	
Shared Mailbox	Supported	
Folder Policies	Not Supported	
Folder Path Length	Supported	244 Characters
Export to Network	Not Supported	
Folder Name having Characters V:*?"<>	Not Supported	Windows itself not support These characters. These characters in folder name is replaced by “_”
Folder Name Ending with dot	Not Supported	
Folder Name Starting with dot	Supported	

**Shortcomings and Limitations:**

Limitation	Reason
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All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself not support [/] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	Windows itself not support [\] in folder name. It will be replaced by “_”.

### Office 365 Emails in PDF Format

**Objective:**

As a User, I should be able to export the Office 365 Emails in PDF format.

**Prerequisites:**

- Project should be created on Azure portal to get the service account credentials.
- Project should be granted with required scopes.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 MBPS.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

**Features**

Feature Point	Status	Description
Demo Version License	2 User Allowed	
Date Filter	From - To Supported	On Creation Date Time.
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder .
Unicode Character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	It creates with incremental counter.
Deleted Items	Not Supported	
Max File Name Length	50 Characters	
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	Upto 150 MB
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML Body	Supported	
RTF Body	Supported	

Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment Name	Supported	
Group Folders	Not Supported	
Follow Up Flags	Not Supported	
Junk Email	Supported	
Signature Settings	Not Supported	
Shared Mailbox	Supported	
Group Mailbox	Not supported	
Folder policies	Not supported	
Folder path length	Supported	244 character
Export Network	Not Supported	
/\ : * ? " < >	Not Supported	
Naming Convention	Supported	

### Shortcomings and Limitations

Limitation	Reason
All folders present even if they are outside the date filter's range.	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name.	windows itself not support [ / ] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name.	windows itself not support [ \ ] in folder name. It will be replaced by “_”.

### Office 365 Contacts in VCF Format

#### Objective :

As an User, I should be able to export Office365 Contacts into vCard.

#### Prerequisite :

- Project should be created on Azure portal to get the service account credentials.
- Project should be granted with required scopes.
- The source domain should be having Mail.Read(Graph) permissions granted on the Azure project.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Antivirus should not block the application.
- Downloading speed should be 100 Mbps.

#### Features :

1. VCF file will save as Contact name and if Name is empty then VCF will save as “No Name”.
2. In Case of Duplicate Contact name VCF will save with Incremental count.
3. VCF version (V4.0).

Feature Point	Status	Description
Demo Version License	Supported	2 Users
Date Filter	Supported	On Created Date

Special Characters / Foreign Language Names For Folders	Supported	
Email Addresses	Supported	<b>Only 3 emails will be allow.</b>
Phone <ul style="list-style-type: none"> <li>• Home</li> <li>• Work</li> <li>• Mobile</li> </ul>	Supported	<b>For Home and Work only 2 number will be allow.</b> <b>For Mobile only 1 number will be allow.</b>
Other <ul style="list-style-type: none"> <li>• Organization Main</li> <li>• Pager</li> <li>• Other</li> <li>• Home Fax</li> <li>• Business Fax</li> <li>• Other Fax</li> <li>• Assistant Phone</li> <li>• Callback phone</li> <li>• Radio Phone</li> <li>• Telex</li> <li>• TTY</li> </ul>	Not Supported	
IM Address (Chat)	Supported	Added in contact body.
Work <ul style="list-style-type: none"> <li>• Job title</li> <li>• Company</li> </ul>	Supported	
Note	Supported	
Profile Photo	Supported	
Personal Info <ul style="list-style-type: none"> <li>• First Name</li> <li>• Last Name</li> <li>• Suffix</li> <li>• Prefix</li> </ul>	Supported	
Personal Info- <ul style="list-style-type: none"> <li>• YomiGivenName</li> <li>• YomiSurname</li> <li>• YomiCompanyName</li> </ul>	Supported	Added in contact body
Address <ul style="list-style-type: none"> <li>• Business</li> <li>• Home</li> <li>• Other</li> </ul>	Supported	<b>For Business, Home and Other only 1 address will be allow.</b> Other will be added into contact body.
Other : <ul style="list-style-type: none"> <li>• Nick name</li> <li>• birthday</li> <li>• significant other</li> </ul>	Supported	Significant other will be added into body.
<ul style="list-style-type: none"> <li>• Anniversary</li> <li>• Personal Web Page</li> </ul>	Not Supported	
Foreign Language Contact Name	Supported	
Foreign Language Email Address	Supported	
Foreign Language in Contact Body	Supported	

Delta Migration	Supported	
Group Contact	Not Supported	
Frequent Contacts	Not Supported	
Directory Contacts, Duplicates	Not Supported	
Delegate contacts	Not Supported	

## API

Graph API

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### [Office 365 Calenders in ICS Format](#)

#### Objective:

As an User, I should be able to export Office365 Calendar into ICS format.

#### Prerequisite :

- Project should be created on Azure portal to get the service account credentials.
- Project should be granted with required scopes.
- The source domain should be having Mail.Read(Graph) permissions granted on the Azure project.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Antivirus should not block the application.
- Downloading speed should be 100 Mbps.

#### Features :

Features	Description	Status
Demo Limitation	Supported	Max 2 user mailboxes
Drive Attachment	Not Supported	
Folder Structure	Supported	
Date Filter	Supported	Event Start Date
Delta Migration	Supported	Same file will be updated.
Special Characters / Foreign Language Names	Supported	
Recurrence	Supported	
Folder Colour	Not Supported	
Attendees	Supported	
Notification	Supported	
Time Zone Mapping	Supported	
All Day Event	Supported	
Description	Supported	
Meeting Response	Not Supported	
Status	Supported	
Visibility	Supported	
Future Events	Supported	The date range will be +1 year from the current date
Resources	Supported	
Hidden Calendars	Not Supported	

Reminders Calendar Folder	Not Supported	
Tasks Calendar Folder	Not Supported	
Deleted Item	Not Supported	
Birthday Calendar Folder	Not Supported	
Holiday Calendar Folder	Not Supported	
Subscribed Calendars	Not Supported	
Shared Calendar/Shared Calendar Folder	Not supported	
Inline Attachments	Not Supported	
Event Colour	Not Supported	
Folder Name Having Special Characters /\ : * ? " < >	Not Supported	
Default Category	Supported	
Scheduling Assistant	Supported	

#### API Details:

Graph API

### [G Suite Emails in MSG Format](#)

#### Primary Objective

As a User I should be able to export G Suite Emails into MSG format.

#### Prerequisites

- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.
- Client ID and P12 must be provided for source.

#### Features:

Feature Point	Status	Description
Demo Version License	2 Users allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	It Creates with incremental counter.
Trash	Not Supported	
Archive	Not Supported	Emails having no label should be consider as Archive but Google API does not read Archive folder.
Max File Name length	50 Characters	

Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported.	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	25 MB
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment name	Supported	
Follow Up Flags	Not Supported	
Junk Email	Supported	
Signature	Supported	
Folder Path Length	Supported	244 Characters
Export to Networks	Not Supported	
Drive Attachments	Not Supported	
Folder Name Ending with Dot(.)	Not Supported	

**Shortcomings and Limitations:**

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself not support [/] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	Windows itself not support [\] in folder name. It will be replaced by “_”.

[G Suite Emails into EML Format](#)

**Primary Objective**

As a User I should be able to export G Suite Emails into EML format.

**Prerequisites**

- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.
- Client ID and P12 must be provided for source.

**Features:**

Feature Point	Status	Description
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Demo Version License	2 user allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	It will be created with incremental counter.
Trash	Not Supported	
Schedule mail	Not Supported	
Archive	Not Supported	Emails having no label should be consider as Archive.
Max File Name length	50 Characters	
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported.	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	25MB
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment name	Supported	
Follow Up Flags	Not Supported	
Junk Email	Supported	
Signature	Supported	
Folder Path Length	Supported	244 Characters
Export to Networks	Not Supported	
Drive Attachments	Not Supported	
Folder Name Ending with Dot(.)	Not Supported	
Folder Name having Characters V:*?"<>	Not Supported	Windows itself not support these characters. These characters in folder name will be replaced by “_”.

#### Shortcomings and Limitations

Limitation	Reason
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All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself not support [/] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	Windows itself not support [\] in folder name. It will be replaced by “_”.

### G Suite Emails in MBOX Format

#### Primary Objective

As a User I should be able to export G Suite Emails in to MBOX format.

#### Prerequisites

- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.
- Client ID and P12 must be provided for source.

#### Features:

Feature Point	Status	Description
Demo Version License	2 user allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	It creates with incremental counter.
Trash	Not Supported	
Max File Name length	50 Characters	
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML Body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment name	Supported	

Follow Up Flags	Not Supported	
Junk Email	Supported	
Signature	Supported	
Folder Path Length	Supported	244 Characters
Export to Network	Not Supported	
Folder Name ending with dot	Not Supported	
Folder Name Starting with dot	Supported	
Folder Name having Characters V:*?"<>	Not Supported	Windows itself not support these characters. These characters in folder name will be replaced by “_”.

**Shortcomings and Limitations:**

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself not support [/] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	Windows itself not support [\] in folder name. It will be replaced by “_”.

[G Suite Emails in PDF Format](#)

**Objective:**

As a User, I should be able to export the G Suite Emails in to PDF format.

**Prerequisite :**

- G Suite source admin must have access to Google APIs
- Google project must be created to get a Client ID and P12 file.
- Domain-wide scopes must be provided for source domains.
- Google email API must be enable in source google projects.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Antivirus should not block the application.
- Downloading speed should be 100 Mbps.

**Features:**

Features	Status	Description
Demo Version License	Supported	2 User Allowed
Date Filter	Supported	From - To supported
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder .
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
PDF Filename Existing conflicts	Supported	It Creates with incremental counter.

Deleted Items	Not supported	
Max File Name Length	Supported	50 Characters
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	For Now: All Attachment will come on pin
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	Same as Source
Maximum Mail Size	Supported	Upto 25MB (Above that on Drive)
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment name	Supported	
Group Folders	Not supported	
Follow up Flags	Not supported	
Junk Email	Supported	
Signature Settings	Not Supported	
Mail Folder Contain Calendar Item (Inbox and Sent Items)	Not supported	
Folder Path Length	Supported	244 character
Export On Network	Not Supported	
Archive Mails	Supported	Archive Folder mails will be stored in Category Personal folder.
Inline Image	Supported	
/\ : * ? " < >	Not Supported	
Naming Convention	Supported	

Attachments Not Supported By Adobe Acrobat	Not Supported	<p>This is an expected behaviour. With the August 2018 release of Adobe Acrobat/Acrobat Reader (and later versions), the following office macro-enabled extensions are permanently blocked, and you will no longer be able to open the files:</p> <ul style="list-style-type: none"> <li>• <b>MS Excel:</b> .xlsm, .xlsb, .xlm, .xltn, .xla, .xlam, .xll</li> <li>• <b>MS Word:</b> .docm, .dotm, .docb</li> <li>• <b>MS Power Point:</b> .pptm, .potm, .ppam, .ppsm, .sldm</li> <li>• <b>MS Access:</b> .accde, .accdr</li> </ul>
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#### Shortcomings and Limitations:

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	windows itself not support [ / ] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	windows itself not support [ \ ] in folder name . It will be replaced by “_”.

### G Suite Emails in File System

#### Objective:

As an User, I should be able to export G Suite Emails into File System.

#### Prerequisites:

- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.
- G Suite source admin must have access to Google APIs
- Client ID and P12 must be provided for source.
- The Source domain should be having scopes "<https://www.google.com/m8/feeds>

#### Features:

Features	Status	Description
Demo Version License	Supported	Up to 5GB (2 users each)
Date Filter	Supported	Created Date
Folder Structure	Supported	Original Structure Maintained
Special Characters / Foreign Language Names For Folders	Supported	Yes, Followed by windows system configuration. [Which are not supported are replaced with '_']
Folder Name / Subject name as file Existing conflicts	Supported	Yes, It Creates with incremental counter.
Max Path Length	Supported	200 to 240
Max File Name Length	Supported	100
Max Folder Name Length	Supported	100
Archive Folder	Supported	[Manually Created Folder]
Deleted Items	Not Supported	

Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
LABEL Categories	Supported	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	
Mail Timestamp	Supported	Mail Sent/Received times maintained. Drafts get migration timestamp.
Flags (Important, Starred, Personal, Unread)	Supported	
Google Drive Attachments	Not Supported	
Snoozed, Chats , All Mails , Scheduled Folders	Not Supported	
Drafts Folder	Supported	
Label Colours	Not Supported	
"No Name" For Attachment	Supported	Forwarded Message.eml
Folder Name Ending with Dot(.)	Not Supported	
Folder Name having Characters V:*? "<>	Not Supported	Windows itself not support this characters. This characters in folder name is replaced by " _ "

### Shortcomings and Limitations

Limitation	Reason
All folders present even if they are outside the date filter's range.	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name.	Windows itself not support [ / ] in folder name. It will be replaced by " _ ' .
Backward slash [ \ ] in Folder name.	Windows itself not support [ \ ] in folder name . It will be replaced by " _ ' .

### [G Suite Contacts in File System](#)

#### Objectives

As an User, I should be able to export G Suite Contacts into File System.

#### Prerequisites:

- G Suite source admin must have access to Google APIs.
- Google project must be created to get a Client ID and P12 file.
- Domain-wide scopes must be provided for source domains.
- Google people API must be enable in source google projects.
- The Source domain should be having scopes "<https://www.google.com/m8/feeds>
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Antivirus should not block the application.
- Downloading speed should be 100 Mbps.

#### Features:

<b>Features</b>	<b>Status</b>	<b>Description</b>
Demo Version License	Supported	2 Users
Date Filter	Supported	On Created Date
Special Characters / Foreign Language Names For Folders	Supported	
multiple email addresses	Supported	
Phone <ul style="list-style-type: none"> <li>• Home</li> <li>• Work</li> <li>• Mobile</li> <li>• Pager</li> <li>• Home Fax</li> <li>• Business Fax</li> </ul>	Supported	
Phone <ul style="list-style-type: none"> <li>• google voice</li> <li>• Main</li> <li>• Other</li> </ul>	Supported	Added in Contact Body
Multiple Phone Numbers	Supported	Added in Contact Body
IM address	Supported	Added in Contact Body
Work <ul style="list-style-type: none"> <li>• Job title</li> <li>• Department</li> <li>• Company Name</li> <li>• Office Location</li> </ul>	Supported	
Note	Supported	
Profile Photo	Supported	
Personal Info - <ul style="list-style-type: none"> <li>• First Name</li> <li>• Last Name</li> <li>• Suffix</li> <li>• Prefix</li> </ul>	Supported	
Personal Info- <ul style="list-style-type: none"> <li>• PhoneticGivenName</li> <li>• PhoneticMiddleName</li> <li>• PhoneticFamilyName</li> </ul>	Supported	Added in Contact Body
Address <ul style="list-style-type: none"> <li>• Business</li> <li>• Home</li> <li>• Other</li> </ul>	Supported	
Multiple Address <ul style="list-style-type: none"> <li>• Business</li> <li>• Home</li> <li>• Other</li> </ul>	Supported	Added in Contact Body

Other : <ul style="list-style-type: none"><li>Nick Name</li><li>Birthday</li></ul>	Supported	
Relationship: <ul style="list-style-type: none"><li>Child</li><li>Spouse</li><li>Assistant</li><li>Manger</li><li>Referred By</li></ul>	Supported	
Relationship: <ul style="list-style-type: none"><li>Brother</li><li>Mother</li><li>Parent</li><li>Relative</li><li>Partner</li><li>Friend</li><li>Father</li><li>Domestic Partner</li><li>Sister</li></ul>	Supported	Added in Contact Body
Website: <ul style="list-style-type: none"><li>Work</li><li>Blog</li><li>Home Page</li><li>Profile</li></ul>	Supported	Added in Contact Body
File As	Supported	
Chat <ul style="list-style-type: none"><li>Google talk</li><li>AIM</li><li>yahoo</li><li>Skype</li><li>QQ</li><li>ICQ</li><li>Jabber</li><li>MSN</li></ul>	Supported	Added in Contact Body
Foreign Language Contact Name	Supported	
Foreign Language Email Address	Supported	
Foreign Language in Contact Body	Supported	
Delta Migration	Supported	
Group Contact	Not Supported	People API not support
Frequent Contacts	Not Supported	People API not support
Directory Contacts, Duplicates	Not Supported	People API not support
Custom Internet Call and Internet Call	Supported	Added in Contact Body
Custom Fields	Supported	Added in Contact Body
Delegate contacts	Not Supported	People API Not Support

**Shortcomings and Limitations:**

Limitation	Reason
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All folders present even if they are outside the date filter's range

The application is designed to preprocess the folders first and then the contacts.

#### API:

The application is using the Google.Contacts Api Version 3.0 for interacting with G-Suite.

Google API : <https://developers.google.com/contacts/v3/reference>

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### G Suite Calendars in File System

#### Objective

As an User, I should be able to export G Suite Calendars into ICS file.

#### Prerequisite :

- G Suite source admin must have access to Google APIs
- Google project must be created to get a Client ID and P12 file.
- Domain-wide scopes must be provided for source domains.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Antivirus should not block the application.
- Downloading speed should be 10 MBPS.
- The Source domain should be having scopes "<https://www.google.com/m8/feeds>
- Calendar API should be enabled.

#### Features :-

1. ICS file will save as Calendar Subject name and if Subject is empty then ICS will save as "No Name".
2. In Case of Duplicate subject name ICS will save with Incremental count.
3. ICS Version (v2.0).

Features	Status	Description
Demo Limitation	Supported	Max 2 User Mailboxes
Drive Attachment	Not Supported	
Folder Structure	Supported	
Date Filter	Supported	
Delta Migration	Supported	
Special Characters / Foreign Language Names	Supported	
Recurrence	Supported	
Folder Colour	Not Supported	
Attendees	Supported	
Notification	Supported	
Time Zone Mapping	Supported	
All Day Event	Supported	
Description	Supported	
Attendees Acceptance Status	Not Supported	
Status	Supported	
Visibility	Supported	

Future Events	The date range will be +1 year from the current date	
Resources	Supported	
Reminders Calendar Folder	Not Supported	
Tasks Calendar Folder	Not Supported	
Trash	Not Supported	
Birthday Calendar Folder	Not Supported	
Holiday Calendar Folder	Not Supported	
Subscribed Calendars	Not Supported	
Shared Calendar/Shared Calendar Folder	Not supported	
Inline attachments	Not Supported	
Event Color	Not Supported	
Organizer	Supported	
Folder Name Ending with Dot(.)	Not Supported	
Folder Name having Characters V:*?"<>	Not Supported	Windows itself not support this characters. This characters in folder name is replaced by “_”

**Shortcomings and Limitations:**

Limitation	Reason
Forward slash [ / ] in Folder name	Windows itself not support [ / ] in folder name. It will be replaced by “_” .
Backward slash [ \ ] in Folder name	Windows itself not support [ \ ] in folder name. It will be replaced by “_”

**API Details:**

We use Google Calendar API V3 for the reading .

<https://developers.google.com/calendar/>

[G Suite Documents in File System](#)

**Objectives:**

As a User, I should be able to export Google Drive files in File System.

**Prerequisites:**

- G Suite source admin must have access to Google APIs.
- Google project must be created to get a Client ID and P12 file.
- Domain-wide scopes must be provided for source domains.
- The Source domain should be having scopes "<https://www.google.com/m8/feeds>
- Local destination folder must be granted with writing permission.
- Destination should have enough space according to size of source account.
- Antivirus should not block the application.
- Downloading speed should be 10 MBPS.

**Features:**

Feature Point	Status	Description
Demo Version License	Supported	Up to 5 GB

Date Filter	Supported	
Folder Structure	Supported	Original Structure Maintained
Max Path Length	Supported	200 characters
Max File Name Length	Supported	100 characters
Max Folder Name Length	Supported	100 characters
File Versions	Not Supported	
File Timestamps	Not Supported	
Time-zone difference	Not Supported	
Trash	Not Supported	
Shared with me	Not Supported	
Recent	Not Supported	
Special Characters / Foreign Language Names	Supported	Yes, Followed by windows system configuration. [Which are not supported are replaced with '_']
File/Folder Name Existing conflicts	Supported	Yes, It Creates with incremental counter.
Empty files (0 Size)	Supported	
Delta Export	Supported	
Shared Drives	Not supported	
Google Documents / Sheets / Presentation / Drawings	Supported	Will export in its native format.
Jam board / Site / Form / Map	Not Supported	
Creation / Modification Date	Not Supported	
Items with Owners Other than Me	Not Supported	
Folder Coors	Not Supported	
Starred	Not Supported	

**Limitations:**

Limitation	Description
Version History not migrated	Additional overheads

**API:**

The application is using the G-Drive API V 3.0

<https://developers.google.com/drive/api/v3/reference/>

## Live Exchange Emails in MSG Format

### Primary Objective

As a User I should be able to export Live Exchange Emails into MSG format.

### Prerequisites

- Exchange Server should be on premise.
- "Microsoft Exchange Information Store" service should be running on Exchange Server.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

### Features:

Feature Point	Status	Description
Demo Version License	2 Users allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Deleted Items	Not Supported	Not in scope
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	Not applicable after exporting to the local machine.
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	25MB
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML body	Supported	
RTF body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment name	Supported	
Follow up Flags	Not Supported	
Junk Email	Supported	
Mail Folder contain Calendar Item (Inbox and Sent items)	Not Supported	We are getting only email items.
Folder name length	Supported	244 Characters

Folder Name Characters V:*?"<>	Not Supported	Windows itself not support these characters. These characters in folder name is replaced by “_”.
Export to Network Path	Not Supported	

**Shortcoming and Limitation :**

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [/] in Folder name	Windows itself not support [/] in folder name. It will be replaced by “_”.
Backward slash [\] in Folder name	Windows itself not support [\] in folder name. It will be replaced by “_”.

[Live Exchange Emails in EML Format](#)

**Primary Objective**

As a User I should be able to export Live Exchange Emails into EML format.

**Prerequisites**

- Exchange server should be on premise.
- “Microsoft Exchange Information Store” service should be running on Exchange Server.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

**Features:**

Feature Point	Status	Description
Demo Version License	2 Users allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	It creates with incremental counter.
Deleted Items	Not Supported	Not in scope
Max File Name length	50 Characters	
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	Not applicable after exporting to the local machine.
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	

Maximum Mail Size	Supported	25MB. Exchange itself support 25MB mail attachment.
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML body	Supported	
RTF body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment name	Supported	
Group Folders	Not supported	Group folders are not available in Exchange Server.
Follow up Flags	Not Supported	
Junk Email	Supported	
Signature settings	Not Supported	
Shared mailbox and group mailbox	Not Supported	Shared Mailbox and Group Mailbox is not present in Exchange Server.
Folder policies	Not Supported	Not getting in MIME content
Mail Folder contain Calendar Item (Inbox and Sent items)	Not Supported	We are getting only Email items.
Folder name length	Supported	244 character
Folder Name Characters V:*? "<>	Not Supported	Windows itself not support these characters. these characters in folder name is replaced by “_”.
Export on Network	Not Supported	

#### Shortcomings and Limitations:

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself not support [/] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	windows itself not support [\] in folder name. It will be replaced by “_”.

### [Live Exchange Emails in MBOX Format](#)

#### Primary Objective

As a User I should be able to export Live Exchange Emails into MBOX format.

#### Prerequisites

- Exchange server should be on premise.
- “Microsoft Exchange Information Store” service should be running on Exchange Server.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

#### Features:

Feature Point	Status	Description
Demo Version License	2 user allowed	
Date Filter	Supported	On Creation date time
Folder Structure	Original Structure Maintained	If folder hierarchy reaches its folder path limit then we create folder at root level and the items of remaining folders will get exported to that folder.
Unicode character Names For Folders	Supported	
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	It will be created with incremental counter.
Deleted Items	Not Supported	
Max File Name length	50 Characters	
Subject, To, Multiple To, Cc, Multiple Cc, Bcc , Multiple Bcc	Supported	
Categories	Not Supported	
Read/Unread Status	Not Supported	
Mail Attachments	Supported	
Mail Timestamp Retention	Supported	Mail Sent/Received times maintained.
Drafts Timestamp Retention	Supported	
Maximum Mail Size	Supported	Upto 25MB
Importance (High, Normal, Low)	Supported	
Plain Body	Supported	
HTML body	Supported	
RTF body	Supported	
Calendar Invitation	Supported	
Foreign Language Subject, Body, Attachment name	Supported	
Group Folders	Not Supported	
Follow up Flags	Not Supported	Visible in Mime. Not visible on UI
Junk Email	Supported	
Signature Settings	Not Supported	
Folder policies	Not Supported	
Folder Path length	Supported	244 Characters
Export to Network	Not Supported	
Folder Name having Characters V:*?<>	Not Supported	Windows itself not support these characters. These characters in folder name will be replaced by “_”.
Folder Name ending with dot	Not Supported	
Folder name starting with dot	Supported	

**Shortcomings and Limitations:**

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the files.
Forward slash [ / ] in Folder name	Windows itself not support [ / ] in folder name. It will be replaced by “_”.
Backward slash [ \ ] in Folder name	Windows itself not support [ \ ] in folder name. It will be replaced by “_”.

### Live Exchange Contacts in PST Format

**Objective:**

As a User, I should be able to export Live Exchange(2010, 2013, 2016, 2019) Contacts to PST format.

**Prerequisites:**

- The source account should be having a valid license
- Exchange server should be on premise.
- “Microsoft Exchange Information Store” service should be running on Exchange Server.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

**Features:**

Feature Point	Status	
Demo Version License	Supported	2 users full data
Date Filter	Supported	on Created Date
Folder Structure	Supported	Original Structure Maintained
Special Characters / Foreign Language Names For Folders	Supported	
Folder Name Existing conflicts	Supported	Folders remain unaffected
<b>Multiple Email Addresses</b> <ul style="list-style-type: none"> <li>• Email</li> <li>• Email1</li> <li>• Email2</li> </ul>	Supported	
<b>Phone :</b> <ul style="list-style-type: none"> <li>• Business</li> <li>• Business 2</li> <li>• Home</li> <li>• Home 2</li> <li>• Mobile</li> <li>• Pager</li> <li>• Business Fax</li> <li>• Other Fax</li> <li>• Other</li> <li>• Home Fax</li> <li>• Organization Main(company)</li> <li>• Assistant</li> <li>• Callback</li> <li>• Radio</li> <li>• Telex</li> <li>• tty/tdd</li> </ul>	Supported	

<b>Work:</b> <ul style="list-style-type: none"><li>• Job Title</li><li>• Department</li><li>• Company</li><li>• Office</li><li>• Manager</li><li>• Assistant</li></ul>	Supported	
Yomi Company[Need to verify in 2016]	Not Supported	Not getting value from exchange API
Note/Body	Supported	
Profile Photo	Supported	
Personal Info - <ul style="list-style-type: none"><li>• Full Name</li><li>• First Name</li><li>• Last Name</li><li>• Title</li><li>• suffix</li><li>• Yomi First Name[Need to verify in 2016]</li><li>• Yomi Last Name[Need to verify in 2016]</li></ul>	Supported	
<b>Addresses :</b> <ul style="list-style-type: none"><li>• Business</li><li>• Home</li><li>• Other</li></ul>	Supported	
<b>Other :</b> <ul style="list-style-type: none"><li>• Nick name</li><li>• birthday</li><li>• Anniversary</li><li>• Profession</li><li>• Spouse/Partner</li><li>• Webpage</li></ul>	Supported	
IM	Supported	
<b>Other :</b> <ul style="list-style-type: none"><li>• Hobby</li><li>• Significant Other</li><li>• School</li><li>• Location</li></ul>	Not Supported	No attributes for getting all this attributes in EWS API object
Delta Migration	Supported	
<b>Fax :</b> <ul style="list-style-type: none"><li>• Home</li><li>• Business</li><li>• Other</li></ul>	Supported	Added in body
Personal web page	Not Supported	No attributes for getting all this attributes in EWS API object
Attachments	Not Supported	Attachment is not getting added from exchange
Group Contacts	Not Supported	
Categories	Not Supported	

**Shortcomings and Limitations:**

Limitation	Reason
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All folders present even if they are outside the date filter's range

The application is designed to preprocess the folders first and then the contacts.

### Live Exchange Calendars in PST Format

#### **Objective:**

As a User, I should be able to export Live Exchange(2010, 2013, 2016, 2019) Calendars to PST format.

#### **Prerequisites:**

- Exchange Server should be on premise.
- "Microsoft Exchange Information Store" service should be running on Exchange Server.
- Destination folder should have write permission.
- Destination should have enough space according to size of source account.
- Bandwidth should be minimum 10 Mbps.
- Proxy Settings should not block the network call.
- Antivirus should not block the application.

#### **Feature:**

Features	Status	Description
Demo Limitation	Supported	2 Users
Folder Structure	Supported	
Attachment	Supported	Calendar event default size should be 5mb including attachments.
Date Filter	Supported	On calendars Start Date
Delta Migration	Supported	
Special Characters / Foreign Language Names	Supported	
Recurrence	Supported	
Folder Colour	Not Supported	
Attendees	Supported	
Resources	Supported	
Future Events	Supported	Up to 1year
Reminder	Supported	
Categories	Not Supported	
Location	Supported	
Other Calendars	Supported	
Visibility	Supported	
Time Zone Mapping	Supported	
Private and Public	Supported	
Attendees Status	Not Supported	
Read-Only Calendars	Not Supported	
Imported / Web Calendars	Not Supported	
Charm	Not Supported	
System Calendars	Supported	
Share Calendars	Not Supported	

HTML Body	Not Supported	For Outlook 2007
Inline Images	Supported	As Attachment
Group Calendars	Not Supported	
Max PST File Size	Supported	40GB, if more then 40GB then PST get splits.

**Shortcomings and Limitations:**

Limitation	Reason
All folders present even if they are outside the date filter's range	The application is designed to pre-process the folders first and then the calendars.

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