

# **Open-Xchange App Suite**

**Release v7.8.4**

**Feature Overview**

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# 1 OX App Suite v7.8.4

## 1.1 The Purpose of This Document

This document provides an overview of the new Web front-end features, back-end improvements and other changes that come with this minor release of OX App Suite, v7.8.4.

## 1.2 Key Benefits of OX App Suite v7.8.4

With OX App Suite v7.8.4 Open-Xchange provides the following key new features: A new photo slide show for OX Drive, a new email folder and wizards for improved mobile user onboarding and integration of 3<sup>rd</sup> party solutions. Open-Xchange has also made updates to the overall design that improves navigation, optimize workflows and help users maximize the benefits of OX App Suite.

### **OX Drive Image/Photo Slideshow**

OX App Suite now lets users view all images, contained in an OX Drive folder, using an auto advancing slideshow. Users can start the slide show from any image and view all the available photos in an extended view. Additional options are available to define the slide show's speed.

### **New Email Unread Folder**

OX App Suite v7.8.4 provides a convenience mail folder, containing all unread messages which a user has received. Users can decide to enable or disable this folder through the Mail settings.

### **Client Onboarding Wizard on Mobile Devices**

The previously implemented client onboarding dialogue, in the browser interface, makes onboarding of new users much easier. This feature has lead to very positive user feedback. For this reason OX App Suite now also offers a client onboarding wizard on mobile devices. Users are now provided with suggestions for the appropriate mobile apps, profiles and setup instructions directly on their mobile devices.

### **New Wizards for Adding 3rd Party Providers**

OX App Suite now makes the integration of 3rd party sources of data much easier. There are now wizards that help users connect their other email accounts, address books, calendars and even cloud storage providers into OX App Suite.

### **Custom Default Fonts for Emails**

Users now have the possibility to set a default font configuration to be used when composing an email.

## **2 General Improvements and Design Changes**

### **2.1 Client Onboarding Wizard on Mobile Devices**

OX App Suite v7.8.1 introduced an advanced wizard that lets OX App Suite users easily configure their mobile and desktop devices from within OX App Suite. With OX App Suite v7.8.4, Open-Xchange also introduces a wizard for the web frontend when used on a mobile device.

The following options are now available:

- Download the OX App Suite mobile apps (OX Drive, OX Mail) from Google Play Store or the Apple Appstore.
- EAS, CalDAV/CardDAV, IMAP/SMTP configuration profiles for supported devices.
- Access to manual configuration details for setting up EAS, CalDAV/CardDAV, IMAP/SMTP clients.

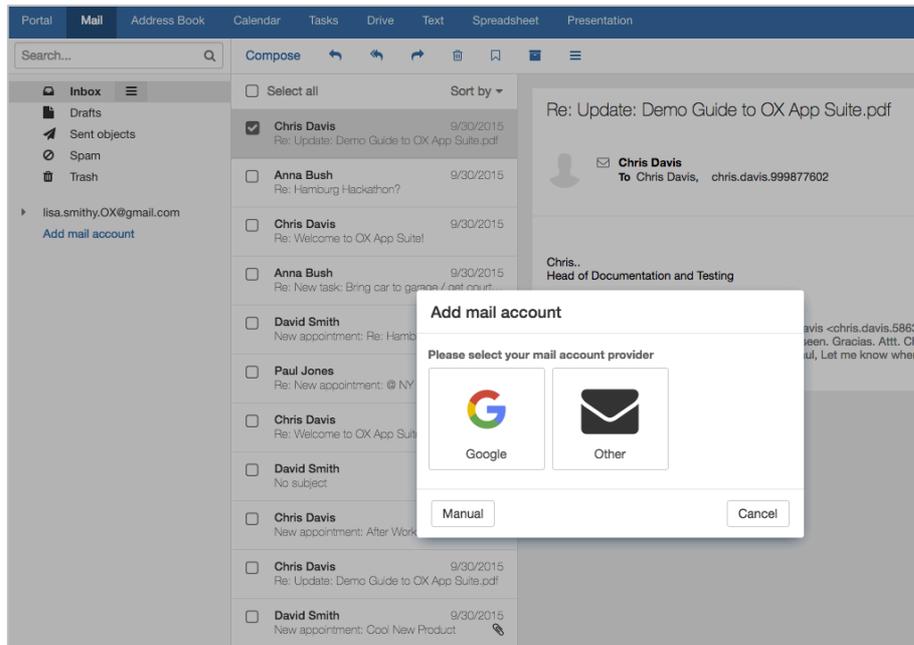
#### **Note for Admins:**

- The onboarding wizard will not be activated by default, but rather has to be enabled. Further information is available at:  
[http://oxpedia.org/wiki/index.php?title=AppSuite:Client\\_Onboarding](http://oxpedia.org/wiki/index.php?title=AppSuite:Client_Onboarding)

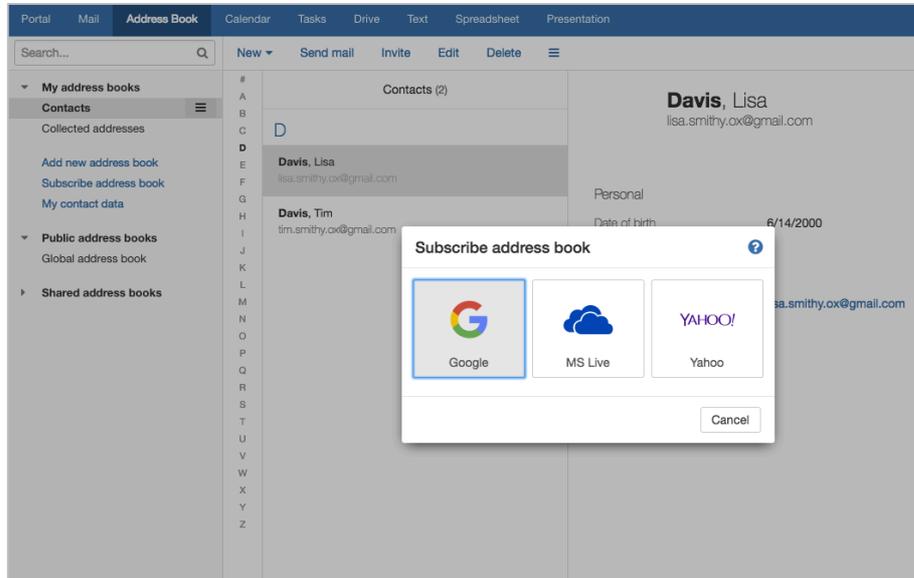
## 2.2 Improved 3<sup>rd</sup> Party Account Handling

With OX App Suite v7.8.4, Open-Xchange has improved the external account handling in different web frontend modules and settings:

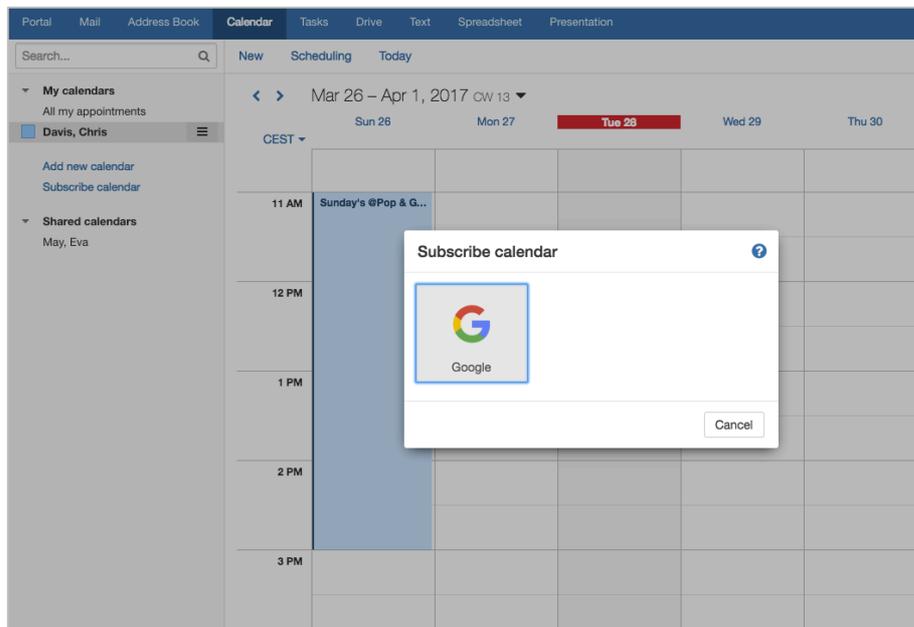
- This improves usability OX App Suite now provides consistent subscription dialogs with large icons in all modules.



- The Contact module now has a renamed button: “Subscribe address book”.



- The Calendar and Contacts folder tree now provide a new option to directly subscribe to a new calendar or a new address book. This replaces the subscription options through the folder context menu. Also now new subscriptions are now always created as new folders.



- In “Settings ⇒ Accounts” all external accounts are now shown as top-level items. The list now also shows the modules to which it is connected to (OX Mail, OX Drive, OX Calendar, etc.).
- It is now possible to configure multiple accounts for each 3rd Party Service.
- When users add a new external email account to their inbox, the account can be enabled for the unified inbox view directly.
  - **Note for Admins:** This needs to be enabled via:  
`io.ox/mail/features/accounts/configureUnifiedInboxOnCreate`

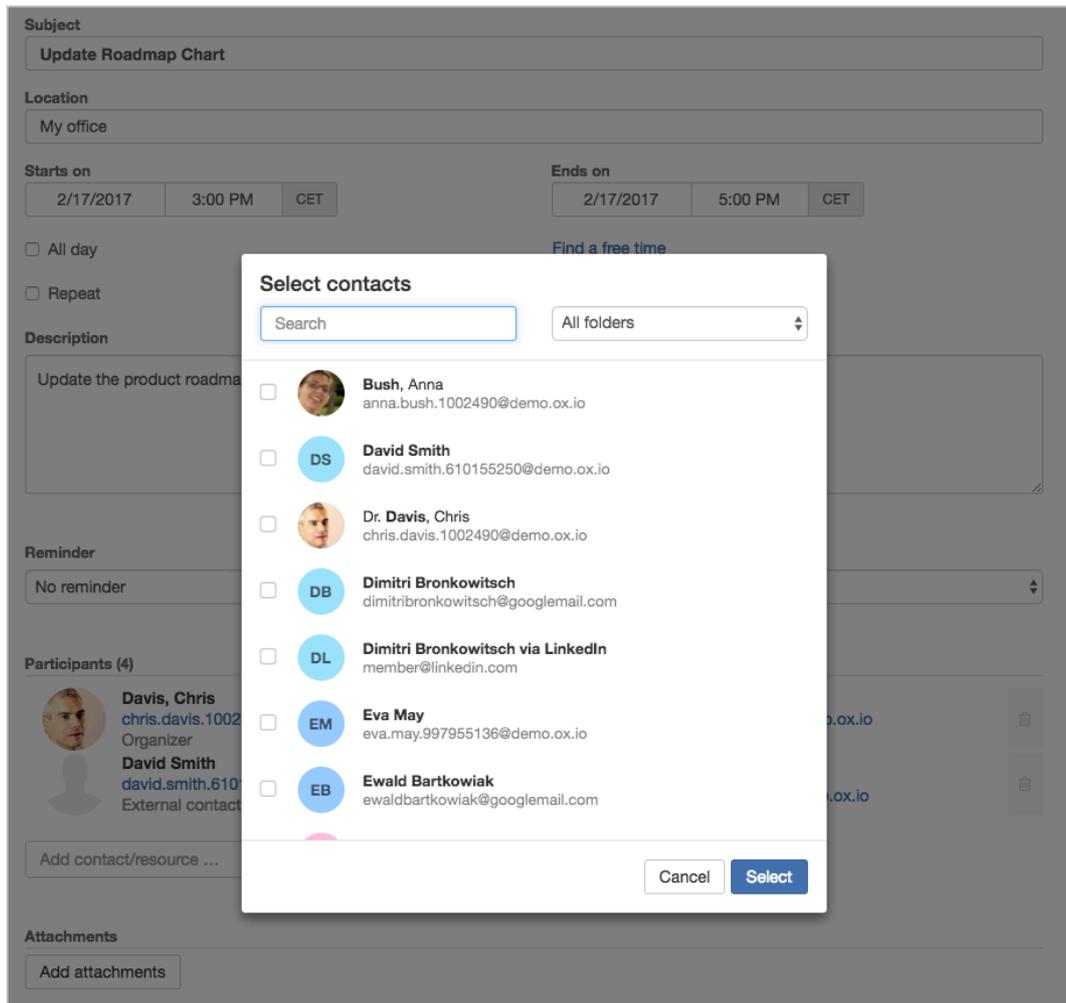
## 2.3 Address Book Picker

The address book picker was introduced with OX App Suite v7.8.2. In addition to the email module, it is now also available in other OX App Suite modules.

With a click on the address book picker icon, users can open the picker to choose recipients from their address book. This is now available in the following modules and dialogs:

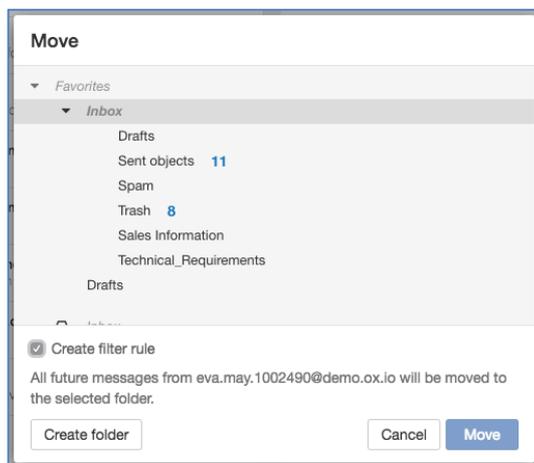
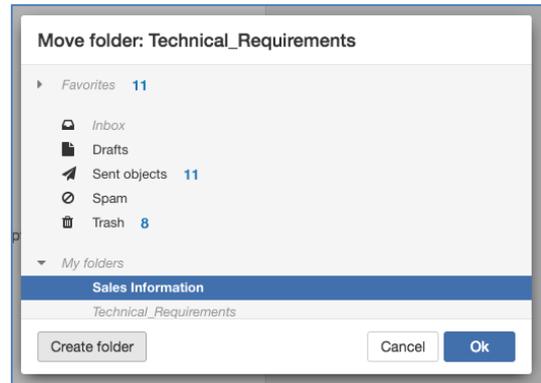
- Distribution Lists (OX Contact)
- Appointments (OX Calendar)
- Tasks (OX Tasks)
- Scheduling View (OX Calendar)
- Permission dialog (OX Drive)
- Sharing dialog (OX Drive)

The picker provides all available contacts, whichever folder they are in. In addition, users can navigate to the necessary folders or search directly from within the picker. It is also possible to select more than one contact and add multiple recipients for an email message.



## 2.4 Improved Folder Picker

The folder picker has been improved to simplify certain workflows, such as copying emails and other items or moving entire folders. It is now also possible to create a new folder as the targeted folder from within the folder picker.

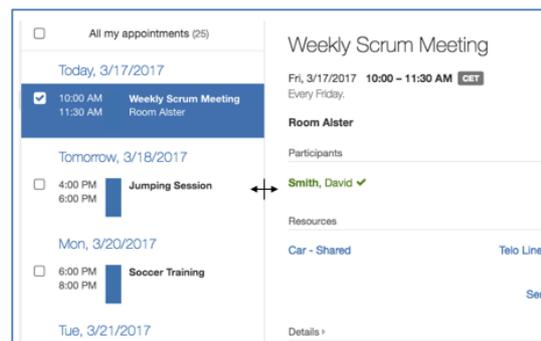


This option is also available when creating a mail filter rule that moves emails into a specific folder.

## 2.5 Consistent Resize Behavior for List Views

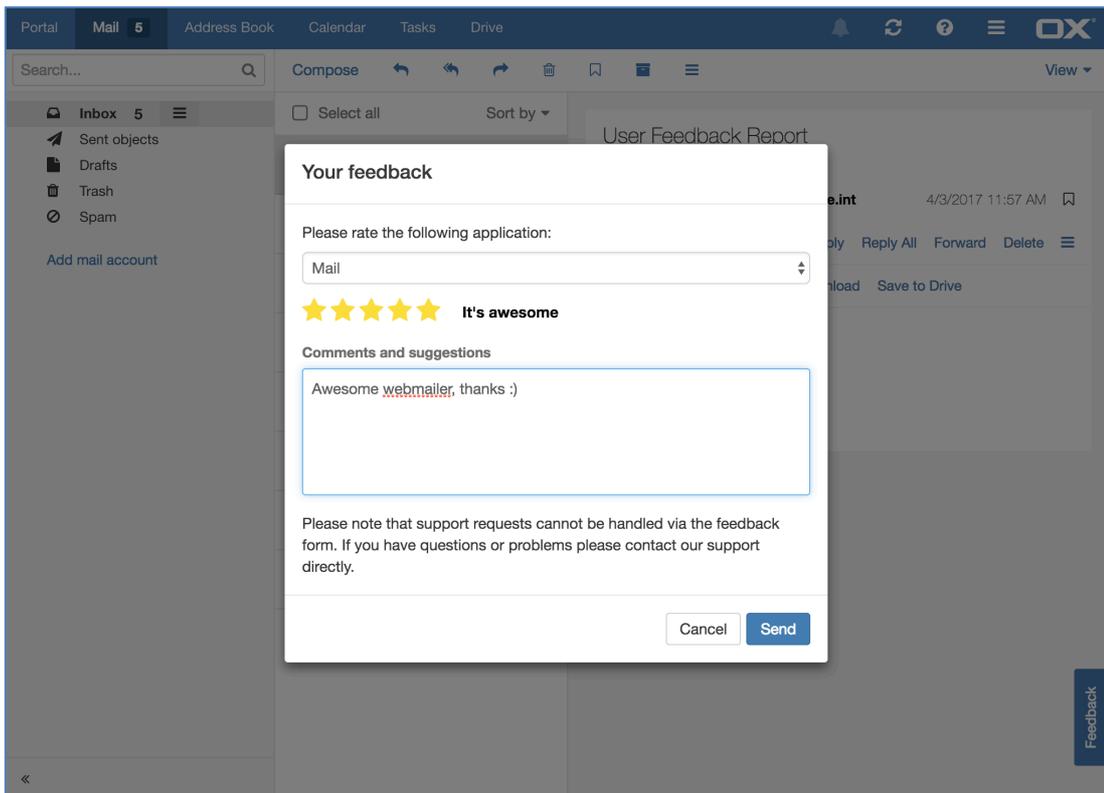
OX App Suite already supports the possibility to resize the list view width within the OX Mail module.

To improve usability and consistency Open-Xchange has now introduces this same resize functionality to the list views in the Address Book, Calendar and Tasks modules.



## 2.6 User Feedback Dialog

User feedback is one of the most valuable inputs a service provider can collect. This is why OX App Suite v7.8.4 now comes with a user feedback dialog that asks for a 5-star-rating for OX App Suite as a whole or a certain module. Users can also add a text comment every time they provide feedback. Providers can add deep links to campaign mailings or control centers that let users jump directly to the feedback dialog within OX App Suite. User feedback is stored persistently and can be exported or sent via email in a CSV format.



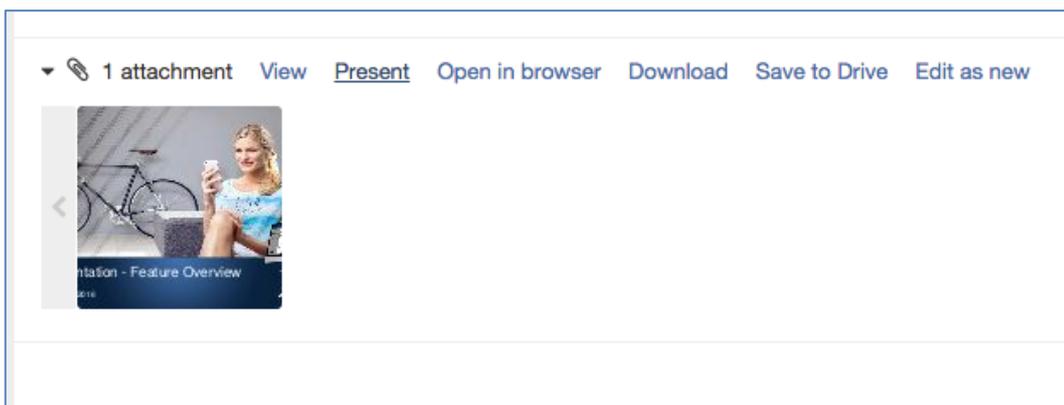
### 3 OX Mail Enhancements and Design Updates

#### 3.1 Start OX Presentation from OX Mail

With OX App Suite v7.8.3 Open-Xchange introduced the third module of OX Documents, OX Presentation. OX Presentation is a cloud based presentation editor used to create, and edit, presentation slides. Users can manipulate text, shapes, pictures, tables, footers, master layouts and other elements to tell a story, help support a speech or present information.

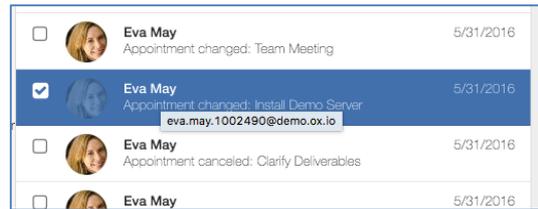
You can find further information about OX Presentation at: <https://www.open-xchange.com/portfolio/ox-documents/>

With v7.8.4, OX App Suite lets users use OX Presenter to view or present slides received via email directly through OX Mail without having to navigate to OX Drive or OX Presentation.



### 3.2 Mail Address Overlay in Mail List

OX App Suite v7.8.4 can now show a small overlay in the OX Mail module list view. When a user hovers over a displayed name, with the mouse, the user can instantly see if the Mail is 'trustworthy' without opening it.



### 3.3 Unread View for Mail

OX App Suite v7.8.4 provides a convenience mail folder, containing all unread messages which a user has received. Users can decide to enable or disable this folder through the Mail settings.

#### Note for Admins:

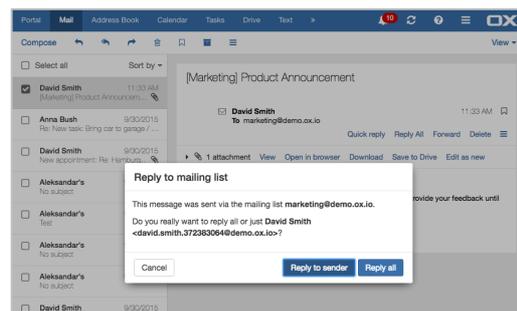
This requires Dovecot with virtual folder support. The folder needs to be set up to contain all unseen messages from all other folders but Trash and Spam. The according folder path needs to be configured in App Suite. Further information is available at: <https://documentation.open-xchange.com/7.8.4/ui/features/unseen-messages-folder.html>

#### Note for Users:

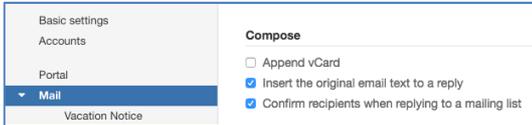
In the past, if a user had set the "Sort by" filter to "Unread" and then opened an email, that email would then seem to disappear from the list, as it would be automatically set to read as soon as it was opened. With some users this can sometimes cause confusion. In order to improve usability and reduce confusion the read status is no longer automatically set when using the "Sort by - Unread" filter. Instead when using the "Sort by - Unread" filter the user now has to explicitly mark the email as read by clicking on the envelope icon in the mail detail view.

### 3.4 Reply to Mailing List Confirmation

OX Mail now provides an optional confirmation dialog if users reply to an email received through a mailing list.



Users need to confirm whether they would like to reply to the entire mailing list or just one recipient.

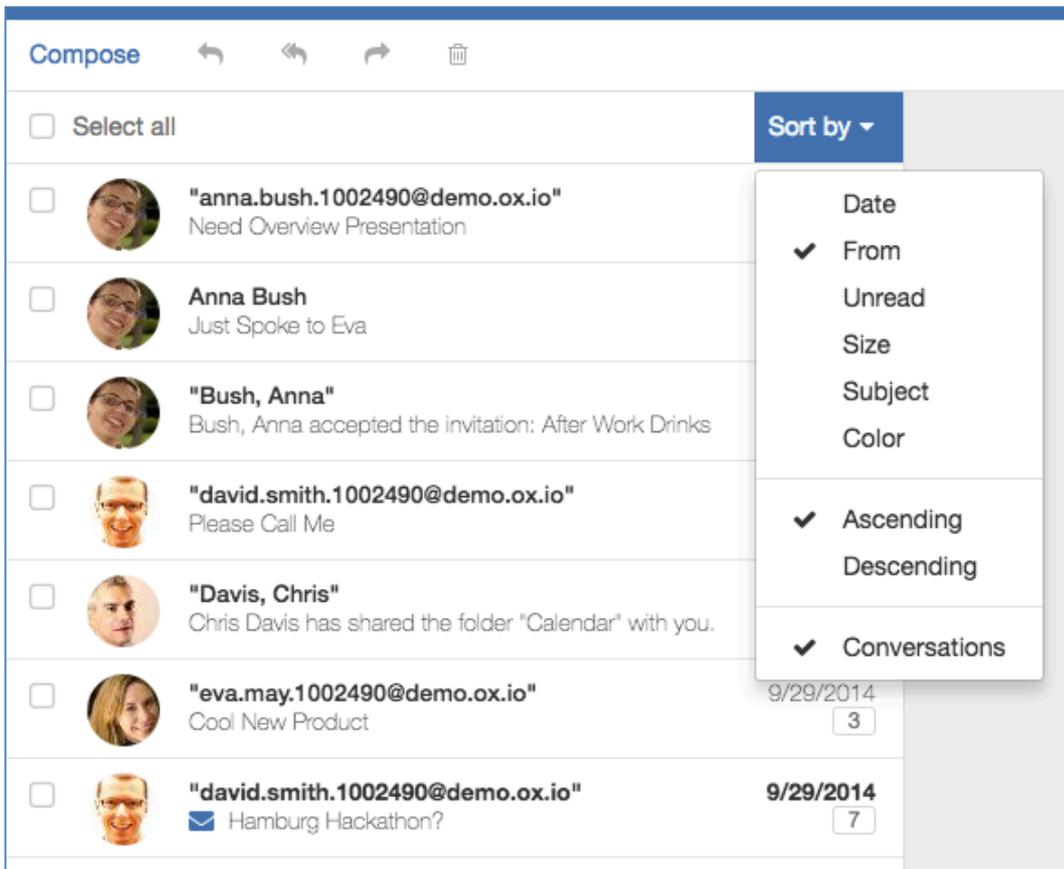


Users can enable or disable the confirmation dialog in their Mail settings (Compose sub-settings).

### 3.5 Conversation View with Different Sorting Options

With this release, Open-Xchange also introduces a new usability feature for the conversation view in the email inbox.

In addition to the sort criteria "Date", users can now also choose to use conversations with all available sort options.



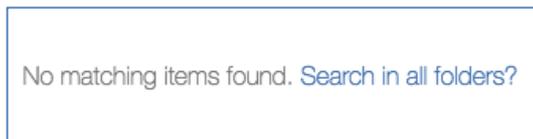
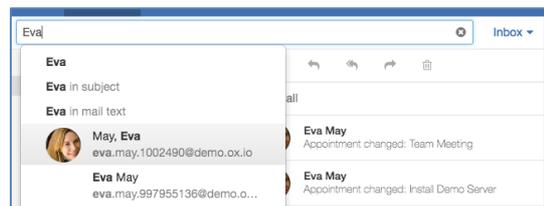
### 3.6 Improved Mail List and Horizontal View

In order to meet our common user behavior standard, OX Mail now displays the paper clip icon, which indicates an attachment, on the left side.



### 3.7 OX Mail Search Improvements

When searching the OX Mail module, the “Inbox” folder is now selected as default instead of “All folders” when requesting a search in the primary inbox. If a user selects a specific folder only this selected folder will be searched. This change helps to increase initial search performance and improve usability.

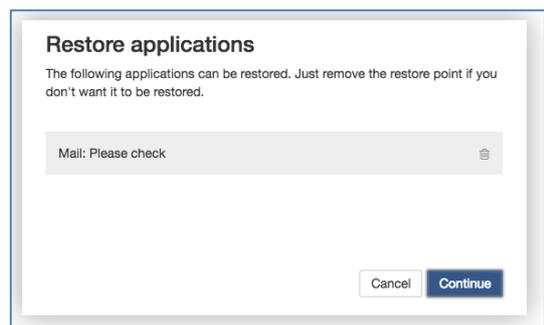


Additionally, OX App Suite v7.8.4 now asks users if they would like to search in all folders if the search result is empty.

### 3.8 Automatically Created Mail Drafts on Logout

When a user logs out while the mail compose window is open, OX App Suite v7.8.4 now automatically saves the unfinished mail as an email draft.

As soon as the user logs in again this draft can be restored and edited.



### 3.9 Discreet Auto-save Hint

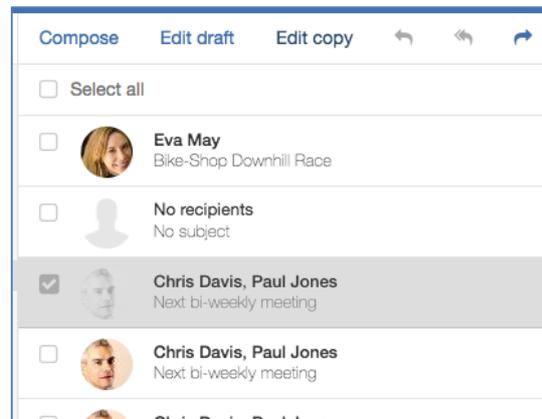
Once OX App Suite periodically auto-saves an email draft as you type, a discreet hint appears next to the Send, Save and Discard buttons in the compose dialog. This hint also provides the time of the last auto-save.



### 3.10 Drafts as Templates

Open-Xchange recognized that users sometimes like to use an email draft as a template.

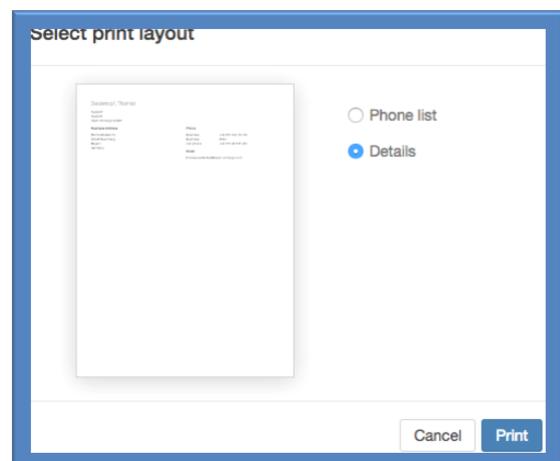
OX App Suite v7.8.4 provides a new function called “Edit Copy” located in the toolbar in the draft folder. This function creates a copy of the selected email and opens that copy in editing mode.



## 4 OX Contact Enhancements and Design Updates

### 4.1 Print View for Contacts

With the new OX App Suite web frontend, additional printing options for contacts are now available. When printing contacts, users can decide if only a phone list or a detailed contact list is printed.



## 5 OX Calendar Enhancements and Design Updates

### 5.1 Improved Appointment Conflict Dialog

OX App Suite already has many accessibility functionalities such as WAIARIA meta tags. Open-Xchange continuous to improve the general accessibility of OX App Suite over all modules.

OX App Suite v7.8.4 has improved the accessibility of the appointment conflict dialog in OX Calendar. The new conflict dialog supports keyboard navigation and is fully accessible, especially for screen readers.

**Conflicts detected**  
The new appointment conflicts with existing appointments.

---

**Call with Agency**  
Conflicts: **Smith, David** • **Jones, Paul**

Wed, 3/29/2017 **3:00 – 3:30 PM**

**My Office**

**Participants**

---

**Jones, Paul** **Smith, David** ✓

**Resources**

---

Telo Line

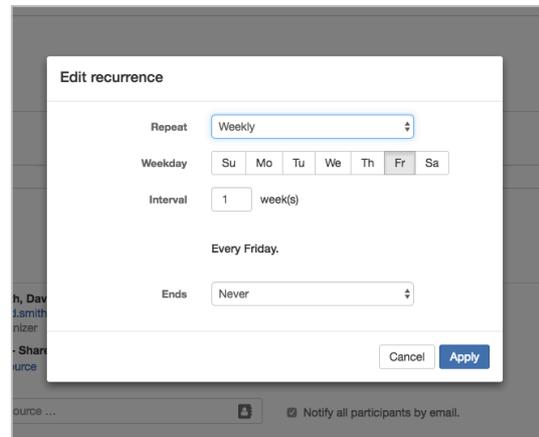
Organizer	Smith, David
Shown as	<input checked="" type="checkbox"/> Reserved
Folder	Calendar
Created	Tue, 1/8/2013 – Smith, David
Modified	Tue, 5/31/2016 – Smith, David

**Private**  
Conflicts: **Bush, Anna**

Wed, 3/29/2017 **4:00 – 6:00 PM**

## 5.2 Improved Edit Recurrence Dialog

OX App Suite v7.8.4, introduces a new dialog to define reoccurring pattern. In an appointment or task, the user still sees the checkbox, whether the appointment or task should be repeated. When the checkbox is checked, the summary for that appointment will be shown next to the checkbox. This summary is also a link which opens a dialog for a detailed reoccurring pattern configuration.



This dialog assumes, that the first occurrence of the appointment is the date that has been selected for this appointment. The user can select the appointment to repeat daily, weekly, monthly or yearly and can also define the repeat interval. If 'weekly' is selected, the user can select at which days of the week the appointment should be repeated. If 'monthly' or 'yearly' is selected, the use can choose whether to repeat the appointment by date (for example: May the 4th) or by weekday (for example: the second Tuesday).

The recurrence dialog also displays a summary text of the recurrence pattern. Therefore the summary helps the user to select the desired options. This dialog can be used for any recurrence pattern configuration within OX App Suite.

The dialog offers options to when a series of appointments or tasks should end. The user can select from several occurrences or a specific date. The summary next to the "Repeat"-Checkbox also contains the selected end.



Additionally, OX App Suite provides a new notification when editing an exception of a series. The user is now informed, that changing the series does not affect the exceptions.

## 6 OX Drive Enhancements and Design Updates

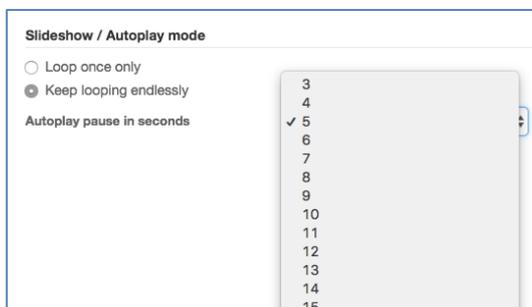
### 6.1 Slide Show for Photos

With OX App Suite v7.8.4, OX Drive offers the possibility to start a slide show for pictures and images in a selected folder.

The slide show can be started via the detail view of an image. OX Drive provides a transparent play button overlay that appears when users move their cursor over an image.



Hitting the play button activates the slide show in full screen and the images are displayed for 5 seconds each (by default). Moving the cursor during the slide show lets a pause overlay appear. With a click users can pause the slide show. A click on the cross in the upper right side closes the slide show.



Users can adjust the slideshow interval, which defines the time (seconds) that each image is displayed for during a slide show.

### 6.2 Improvements for Mail Attachment Overview

OX App Suite v7.8.4 now provides additional information in the mail attachment overview, which is part of the OX Drive module.

- The list view provides the attachment size and date in the list view when used as sorting criteria.

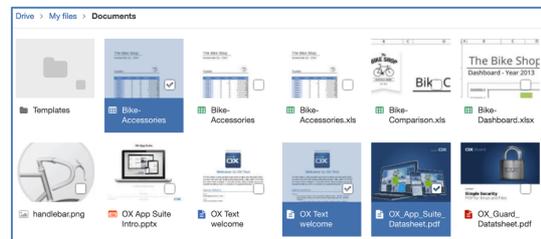
- A fixed distance between an attachment's thumbnail and name assures a consistent appearance on all devices.

**Note for Admins:**

The attachment view is an exclusive Dovecot Pro feature and requires the "Dovecot Virtual Attachments Plugin", this is available with Dovecot Pro 2.2.25.1 and later versions. In addition, an appropriate OX App Suite middleware plugin needs to be installed and configured, which will integrate the attachment view into the OX Drive module.

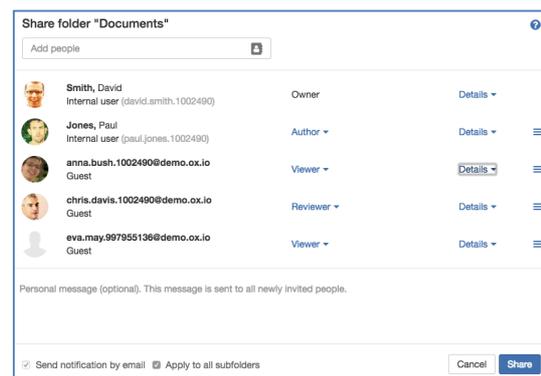
### 6.3 File Type Thumbnail in Icon View

OX Drive now also displays type thumbnails in the icon view. The same experience already has been available for the OX Drive list view and helps users easily identify files of the same format.



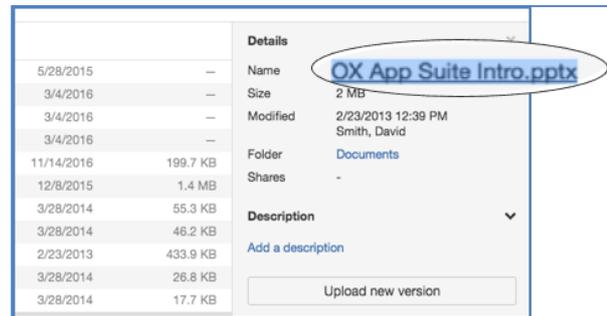
### 6.4 Improved Sharing Dialog

OX Drive comes with an improved dialog to invite guest users. The field to add people is now located at the very top. In addition, the personal message area can be resized to compose longer messages while having the whole copy in one view.



## 6.5 Link Handling of Files

To make the internal link handling and displaying of links more consistent and easier to use, OX App Suite v7.8.4 now provides the following changes:

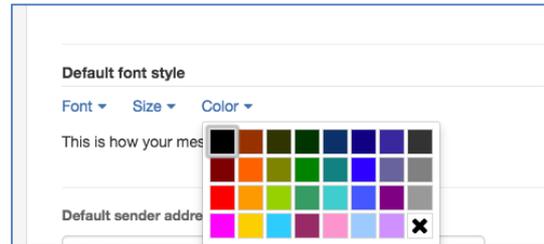


- The filename within the detail view of OX Drive provides an internal link.
- The functionality to show and send internal links has been removed from the context menu.
- Displaying the internal link in a file's detail view has been removed.

## 7 OX Setting Enhancements and Design Updates

### 7.1 Configurable Font, Font-Size and Color for Mail Compose

Within the Mail settings users now have the option to define a default font, font-size and color, which will be used as default when composing new emails.

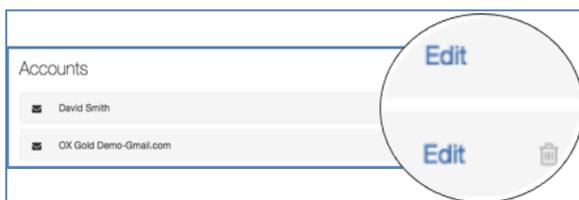
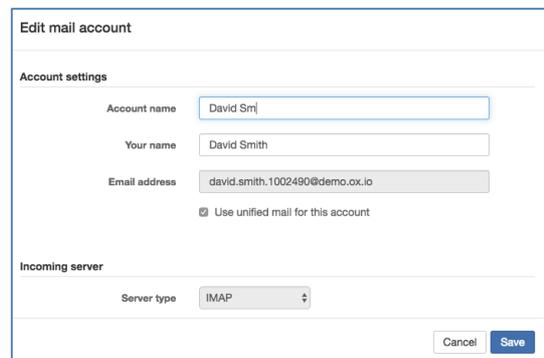


Additional mail settings are available:

- Users can select a font family, font size and font color.
- A preview of the selected font is provided.
- The default color is not applied when editing a draft. OX App Suite keeps the draft's content in the original format.
- Please Note: This feature is not available on mobile devices. The limited screen size does not allow a separate toolbar when composing emails.

### 7.2 Editable Primary Mail Account Name

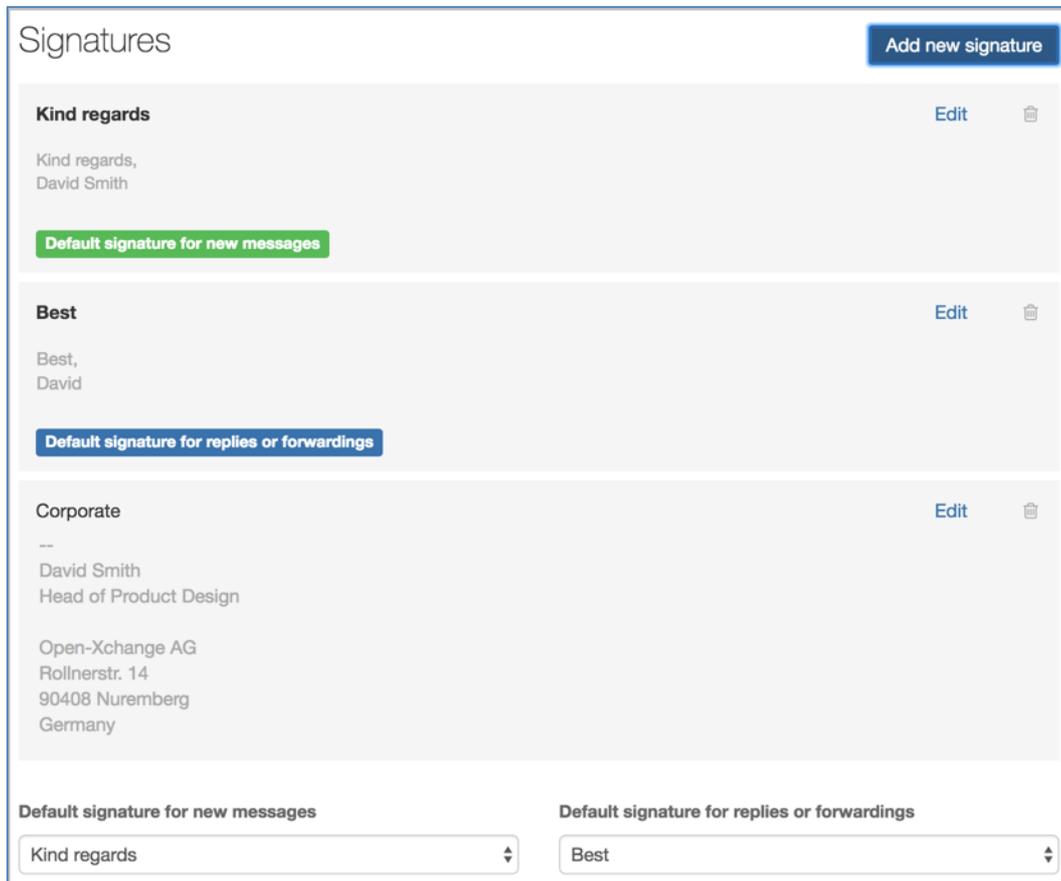
In former versions, the primary mail account was always named "E-Mail". With OX App Suite v7.8.4, the user has the possibility to change the default name and define a custom name. At the moment, this is only relevant for the email list on the email account settings page.



**Note for Admins:** It is also possible to overwrite the account name at provisioning time.

### 7.3 Highlighted Title of Active Signature

To provide a better overview for used signatures, the default signatures are now highlighted by area of use.



### 7.4 Improved Mail Filter Support

The Mail Filter Settings have been re-designed and support more tests, conditions and actions.

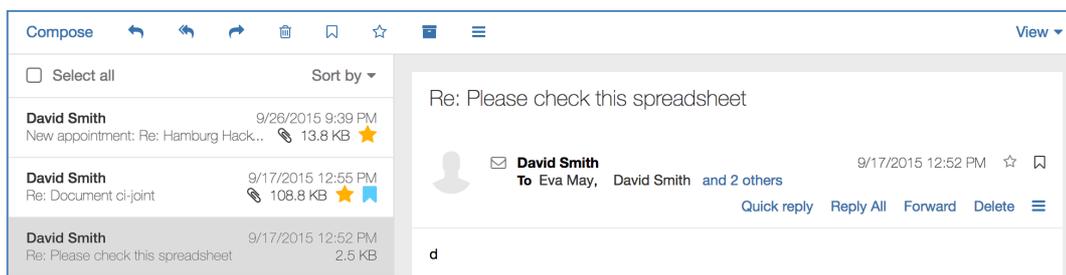
- Consistent vacation and auto-forward dialogs that both have an “enable” setting as the very first element.
- Support for new comparisons like “does not match”, “is not”, “starts with”, “ends with, etc.
- Support for “address”, “envelope” and “exists” tests.

## 8 Administration, Technical Extensions, Plug-ins, etc.

### 8.1 IMAP \Flagged Support in OX App Suite

Almost every mail client now supports IMAP \Flagged to enable highlighting of certain mails. OX App Suite used to provide a set of ten different colors in the past. With v7.8.4 \Flagged is supported, too. Service providers can decide to enable colors, \Flagged or both options at the same time. Therefore, four per-user configurable modes are provided:

1. Color flags only (default): Provides users with the OX App Suite color flags.
2. \Flagged only: OX App Suites allows to set the \Flagged flag and highlights flagged mails accordingly. This mode works across most mail clients. The OX App Suite color flags are not available to users.
3. Implicit IMAP flagging: OX App Suite UI continues to offer only color flags, but unlike before every mail that gets a color flag is also marked as \Flagged. As a result, all colored mails in OX App Suite also appear highlighted in other mail clients. Mails only marked as \Flagged will be marked with a configurable color. Please note: there is no support for automatic migration. This means that previously colored emails will not be marked as \Flagged automatically.
4. Both modes in parallel: OX App Suite colors and \Flagged are offered to the user as distinct highlighting concepts. The modes don't affect each other.



When option 2 or 4 are used, a new sorting option is available: sort by flagged emails.

Open-Xchange recommends using modes 2, 3 or 4 for boundless cooperation with other email clients and a smooth user experience.

## 8.2 Disable Links in Spam Mail Folders

OX App Suite v7.8.4 provides a new security function. Users can be protected from clicking on malicious links in emails that reside in folders that are known to contain potentially malicious content.

If this function is enabled, links in mails to such folders are shadowed and links cannot be clicked. If a user decides that an email is non-malicious and moves it to another folder, e.g. his inbox, the included links are then enabled and are clickable again.

**Note for Admins:** The functionality is active by default. The configured spam and optional confirmed-spam folders are configured per default. Administrators can alter the folders via configuration and e.g. add folders that exist for all users and contain potentially malicious content.

## 8.3 OAuth 2.0 for Primary Mail Account

Open-Xchange introduces the possibility to get rid of master authentication between OX App Suite and the primary mail backend by using the SASL mechanisms XOAUTH2 or OAUTHBEARER. This requires an OAuth 2.0 token (pair) that needs to be obtained during user login. OX App Suite v7.8.4 ships with a reference implementation based on SAML SSO and [RFC 7522](#).

With an OAuth 2.0 compliant IDM system and a mail backend supporting one of the mentioned SASL mechanisms, access can now be granted on a token-per-user basis. As authentication integration is often subject to custom implementations, plugin development is likely needed.