Stay Open.

Open-Xchange App Suite

Major Release v7.10.0

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1 OX App Suite v7.10.0

1.1 Intention of this Document

This document provides an overview of the new web frontend features, backend improvements and other changes coming with this major release of OX App Suite, v7.10.0.

The purpose of this document is to inform Open-Xchange customers and partners about the major changes that have been made in this release.

1.2 Key Benefits of OX App Suite v7.10.0

Open-Xchange is pleased to announce the release of OX App Suite v7.10.0.

Keeping in line with Open-Xchange's end-user strategy OX App Suite 7.10.0 contains many enhancements designed specifically for the user and the user experience. These updates stretch beyond the OX App Suite user base.

Major enhancements in OX App Suite 7.10.0 include:

- **Updated Web Interface Design** - The Web UI (User Interface) design has been updated in order to improve the user experience (UX), keep OX App Suite up-to-date, and ahead of UI trends, and to align with current expected user behavior

- **App Launcher and Top Bar Design** - To reduce clutter, and align with current user behavior, the 'Top Bar' now has a single App Launcher icon that contains all available apps. This uses less space, improves UX and gives OX App Suite an updated feel

- **New Window Handling** - In response to user requests the use of floating windows to compose emails, create appointments, read emails, etc. is now supported. This provides an operating system feeling to OX App Suite

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- **Next Generation Calendar** - OX App Suite v7.10 introduces a new generation of OX Calendar. Together with UI updates, and more standardize behavior, the new calendar now utilizes the best-in-class backend capability of both iCalendar and CalDAV to provide outstanding interoperability

- **Updated Context Menu** - Significant contextual UI actions are now available on right-click context menus. This provides better UX and more efficient usability

- **OX Drive Restore Update** - Based on user feedback the delete/restore functionality has been enhanced. Files and folders can now be restored to the location from which they were deleted in one simple step. This applies to both single files and complete folder hierarchies

- **Security Improvements** - Default settings are now arranged in a way that makes accounts as secure as possible by default. These settings should optimize user privacy and limit exposure to abuse, malware, phishing etc. Also to increase trust further emails from trusted sources can be highlighted.

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2 General Improvements and Design Changes

2.1 Updated Web Interface Design

The OX App Suite v7.10.0 User Interface (UI) was updated based on user feedback, market trends and user experience (UX) expertise. The new UI is intended to provide a fresh look, improve the user experience while allowing existing users to transition effortlessly.

The updated UI is designed to make the user experience, for both existing and new users easier, more intuitive, less cluttered, more efficient, and remain consistent with market trends. These include:

- Updated Top Bar design
- New App Launcher
- New Window Handling
- New Taskbar
- Updated Search Bar
- More Use of Context Menus

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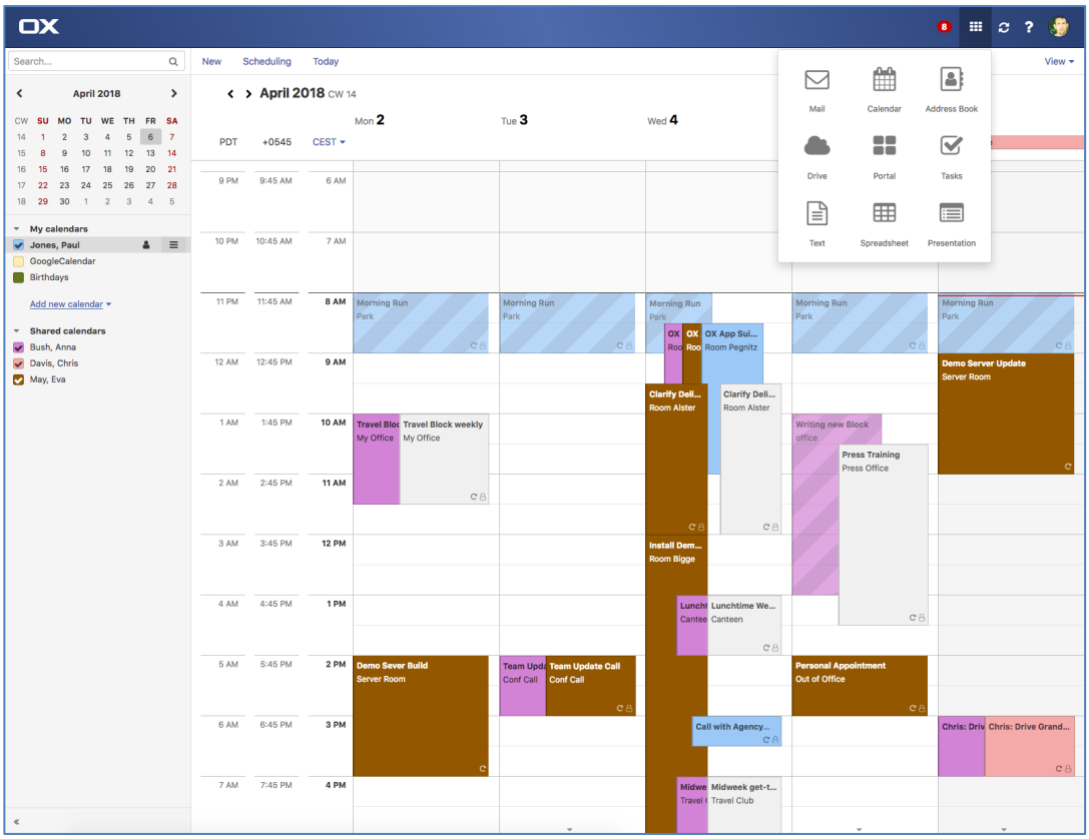
2.2 The New App Launcher and Top Bar Design

The OX App Suite top navigation bar has been updated. To reduce redundant clutter it now incorporates a new application launcher icon.

As more and more apps are integrated into OX App Suite the top bar suffers from horizontal space limitations. To resolve this issue Open-Xchange has adopted the market accepted, and end-user familiar, launcher icon approach: a grid icon under which all major apps are grouped.



The OX App Suite v7.10 launcher menu icon is located in the top right corner. When pressed a complete overview is presented in a grid-based layout (side bar on mobile devices). Each module is provided with a unique icon and name.

This provides the user with easy access to all modules and consumes less space.

Note for Administrators: There is the ability to offer users configurable “Quick Launch Shortcuts” on the top bar. By default this feature is off. For details on how

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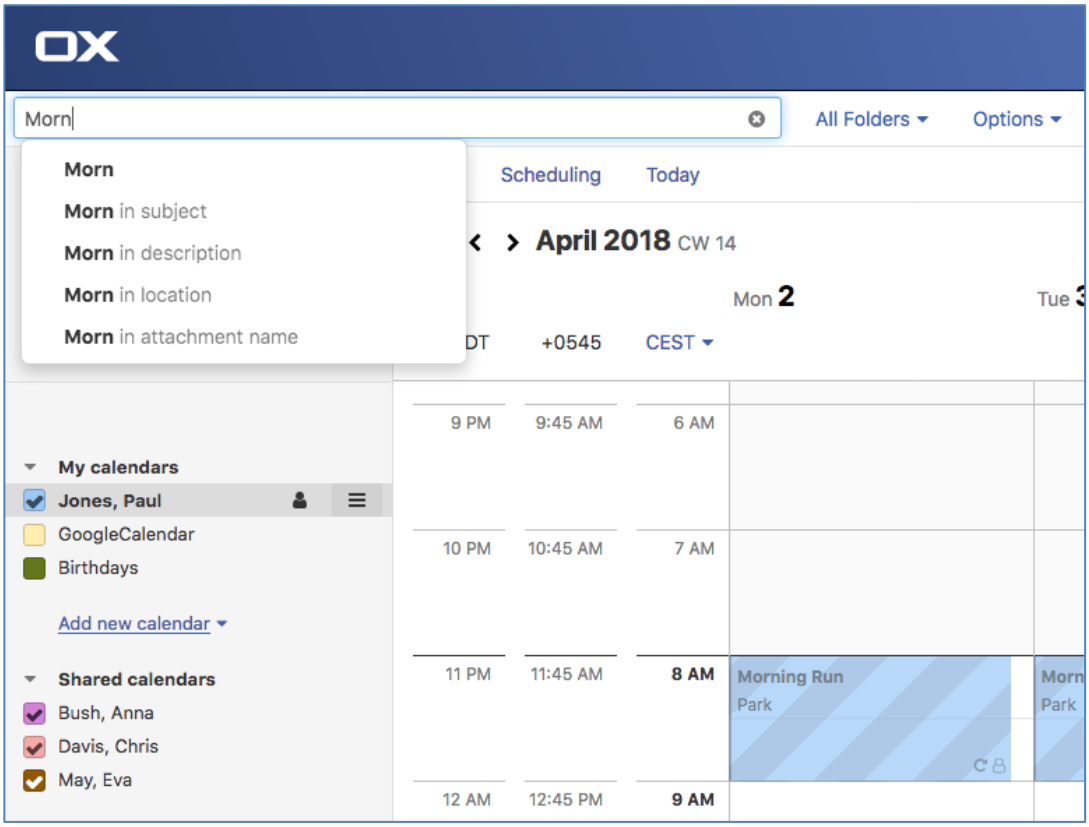
to activate this feature please refer to the OX App Suite configuration documentation under https://documentation.open-xchange.com/

2.3 Updated Search Bar

Another user experience (UX) design update is the search bar: it is now possible to search for emails that have attachments.

The search bar provides all relevant functionality for effective searching. The user can choose directly by typing in which area should be searched (e.g. title, subject, description, etc.).



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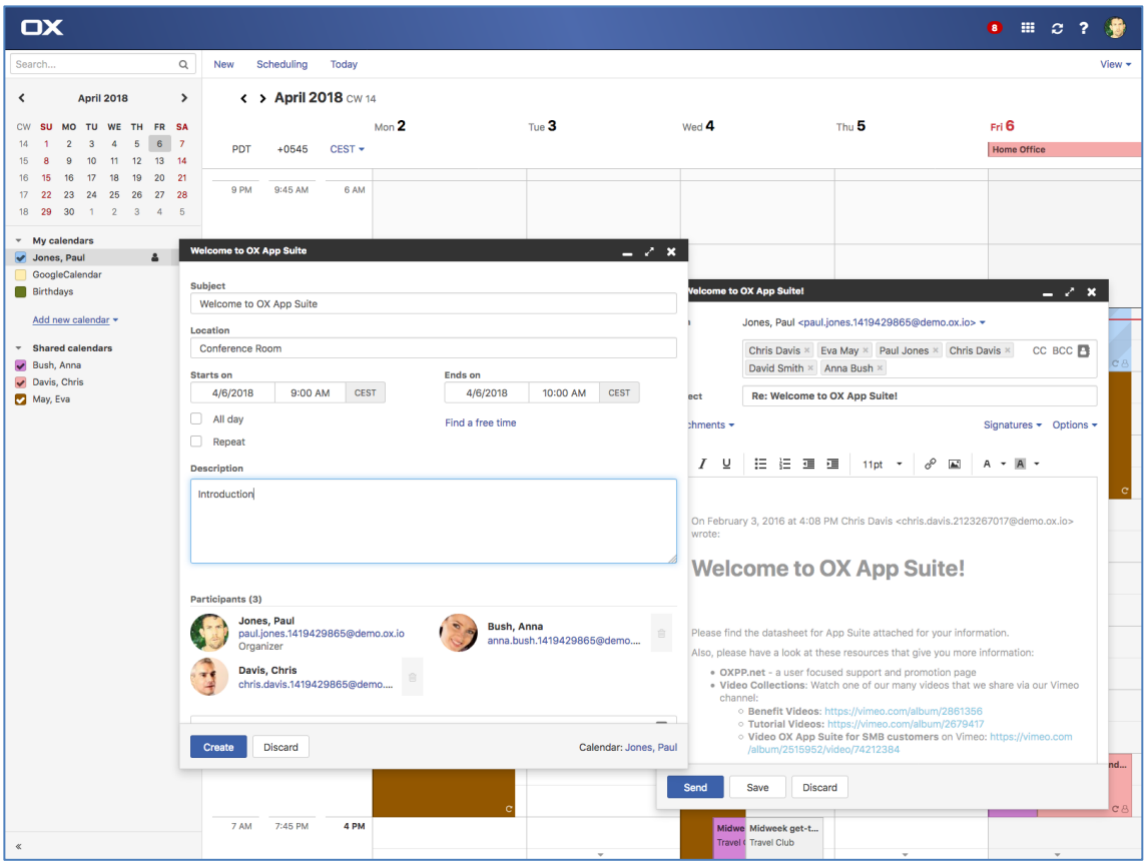
2.4 New Window Handling

One significant improvement in OX App Suite v7.10.0 is the way it now handles windows inside the web frontend. It now enables end-users to use multiple windows to compose Mails, create appointments, etc. This also helps to clean up the top navigation bar, reduces clutter and prevent new compose tabs from opening.

Open-Xchange will also provide a new Guided Tour for users that introduce this new window-handling feature. It will cover the new design and usability benefits that are described in the following chapter.



2.4.1 Floating Windows

OX App Suite v7.10.0 now uses floating windows for all edit dialogs (e.g. mail compose, new appointment etc.) and all detail views (e.g. mail, calendar, tasks and contacts).

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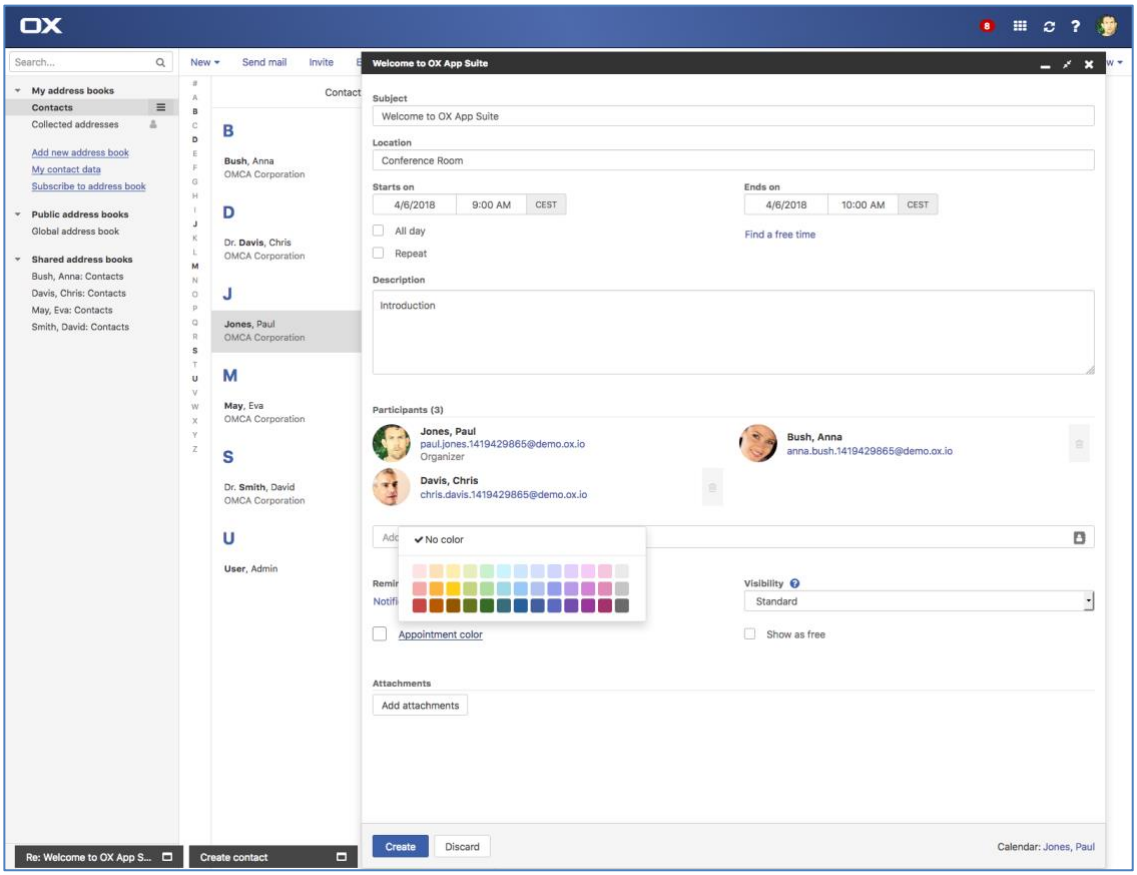
All floating windows have a title and contain important controls therein. Floating windows are a complete replacement for the formerly used tab concept and are designed to significantly improve the end-user experience.

Note that a floating window can have 2 distinct styles:

- Minimized: The window is closed and shown in the taskbar at the bottom.
- Maximized (2 sizes): The window is in the center of the screen and uses the full height. The user can shrink the maximized window.



A user can also toggle between minimize and maximize style by double clicking on the window top bar or clicking on the maximize/minimize icon.

The floating windows can be moved/dragged around within a Browser. This lets users move the window in such a way that they can see things in OX App Suite, at the same time, in the background. The windows are also resizable, up to a minimum size of 640px width.

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These window enhancements make App Suite behave more like the underlying operating systems.

Note for users: floating windows are not available on mobile devices.

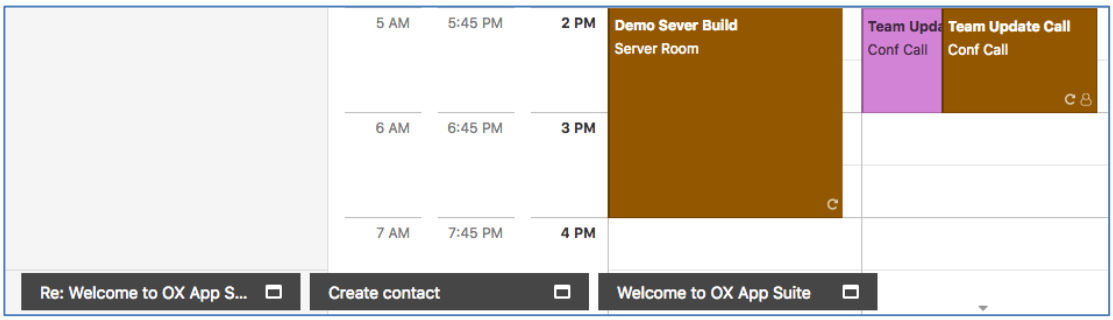
2.4.2 The minimized windows

A major initiative of this release is to reduce clutter on the Top Bar. The introduction of floating windows has significantly helped.

OX App Suite v7.10.0 shows all minimized floating windows on the bottom of the screen. This also fits to existing operating system behavior.

The floating windows will float over the content on the bottom of the screen.

All minimized floating windows are labeled with their title and have a small maximize icon that lets a user maximize a window again.



OX App Suite v7.10.0 has been designed to handle many floating windows at the same time. As more minimized windows are added, the window bars are made smaller in order to fit the screen, until a minimum width is reached. If there are still more windows, the taskbar will add a scroll bar and use left and right arrows to scroll through them.

The user can hold the mouse down on these to quickly browse through the list. The arrow is greyed out if the user has reached the end of the list, in that direction.

A minimized window also reacts to browser window resizing. It makes the minimized windows smaller as well as enabling or disabling the arrow controls accordingly.

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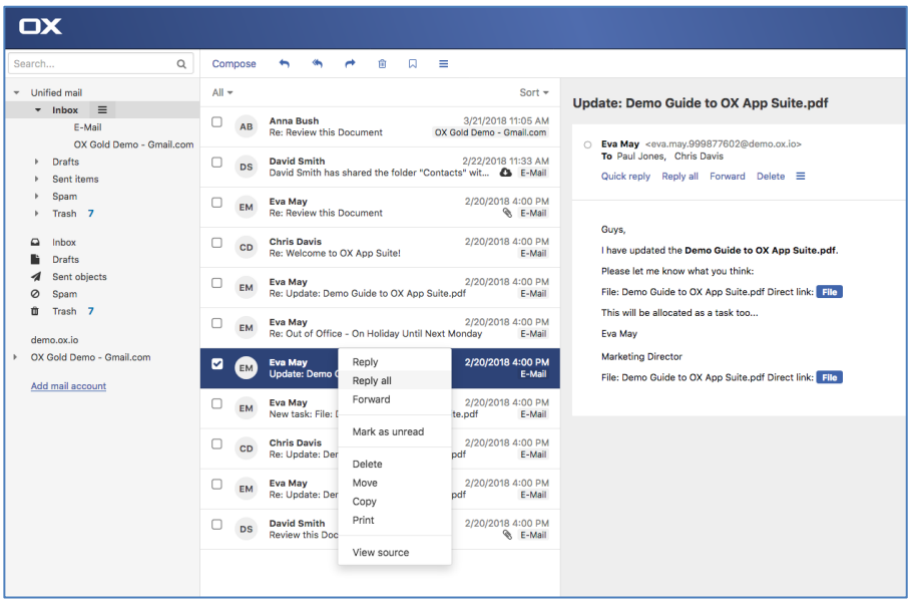
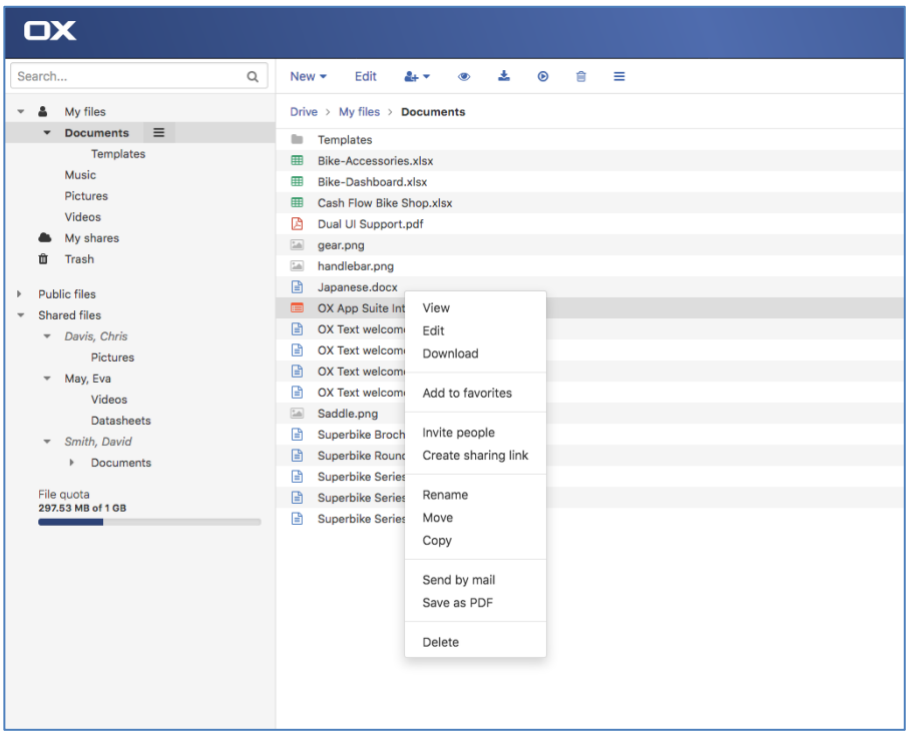
2.5 Updated Context Menu

OX App Suite v7.10.0 has enhanced the use of context menus. To provide faster access to frequently used actions the web interface now provides more context menus inside the modules. These context menus provide easy access to the most relevant actions via a single right click.





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Note for users: This functionality is determined by the module inside the OX App Suite v7.10.0 web frontend.

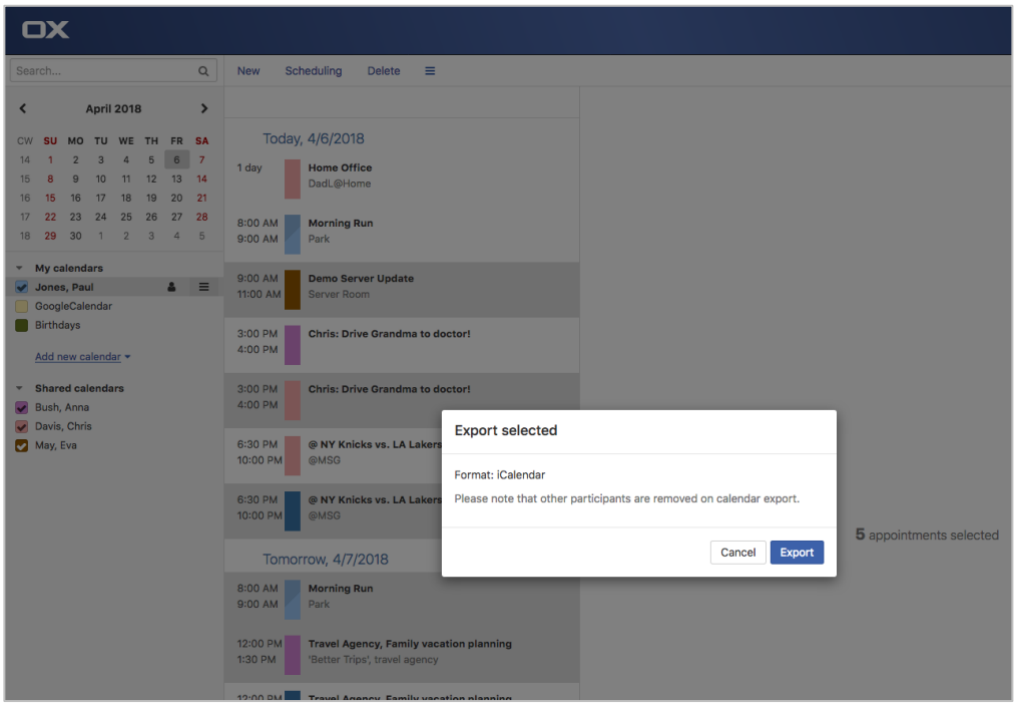
2.6 Export Selected Contacts, Tasks and Appointments

OX App Suite v7.10.0 now provides the ability to export a vCard for a single, or a number of selected, contacts. This was not possible in previous versions.

OX App Suite v7.10.0 also provides this for one or more selected tasks or appointments. A new context menu item called “export” is now available to users that select one or more items. Note, to select many items the user has to use the ‘List View’ inside the module.

The following export functions are available in the web interface

- Single objects (contacts, distribution lists, appointments, tasks)
- Multi-selections of objects (within a folder)
- Whole folders



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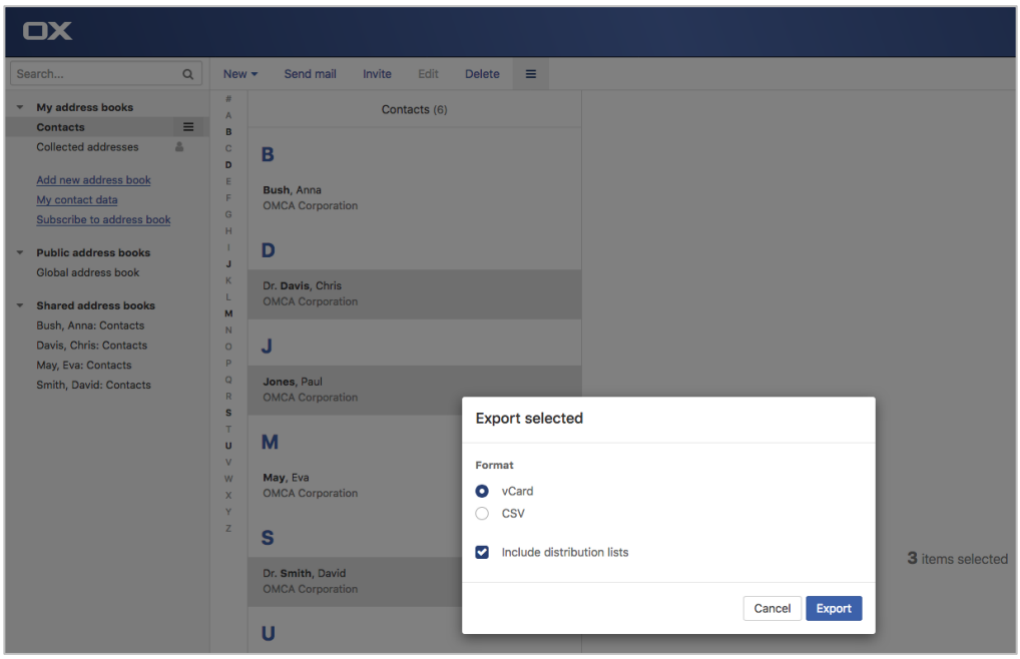

Note: It is only possible to export a maximum of 200 contacts. If a user chooses more they will get a relevant message.

Note for Administrators: This feature is enabled by default (desktop and mobile).

2.7 OX App Suite Accessibility Improvement

OX App Suite already comes with accessibility functionalities such as WAI-ARIA meta tags, with OX App Suite v7.10.0 Open-Xchange provides an enhanced set of features and functions.

For information on this and a detailed list of supported features please go here:

https://documentation.open-xchange.com/7.10.0/ui/accessibility.html

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3 Next Generation Calendar

3.1 Introduction

In order to better fit into industry standard, and even lead the industry in calendar functionality and integration, Open-Xchange has completely renovated its calendar module in OX App Suite v7.10.

With OX App Suite v7.10 Open-Xchange aligns its calendar with the open iCalendar format, and related protocols (e.g. CalDAV or IMIP). To achieve this Open-Xchange has had to completely rewrite its calendaring and scheduling logic.

This adoption of open industry standards will significantly improve its support and interoperability with 3rd-party clients, such as eM Client for OX App Suite, OX Sync app for Android and other iCalendar compliant calendars.

OX Calendar v7.10 provides the following:

- Updated and improved calendar design
- Best-in-class compatibility with iCalendar and CalDAV
- Improved distributed scheduling with external participants and calendar servers
- More standardized behavior
- Mini-calendar and birthday calendars
- Improved and simplified import/export from/to external iCalendar calendars
- Multiple reminder feature
- New APIs for better integration with the OX App Suite UI
- AA accessibility conformance

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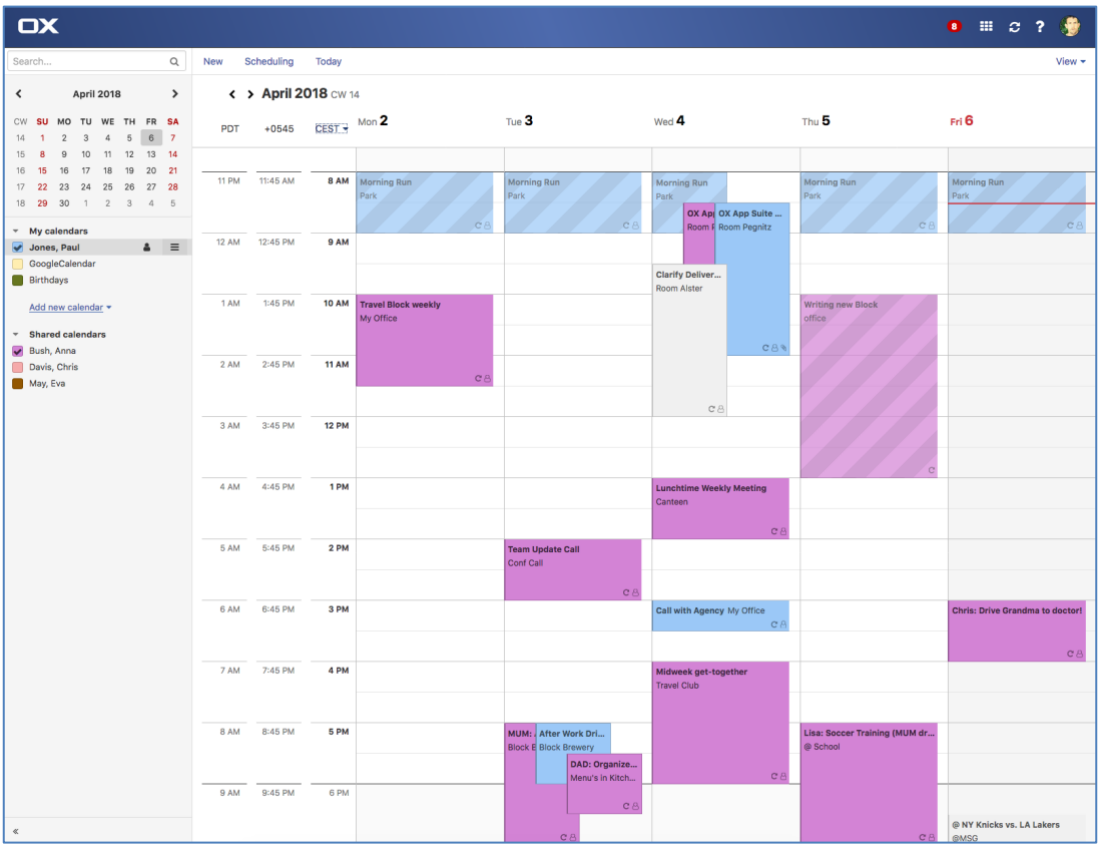
3.2 Updated Design

This update for OX Calendar is not only a rewrite of the underlying technology: Open-Xchange has taken the opportunity to significantly improve the usability and user experience of the calendar web UI too.



In this update Open-Xchange has implemented both requested features as well as UX design features that all end-user demographics will appreciate. This includes the reintroduction of the mini-calendar to improve navigation through time; simple activation/deactivation of displayed calendar information and many more features that improve user acceptance and usability.

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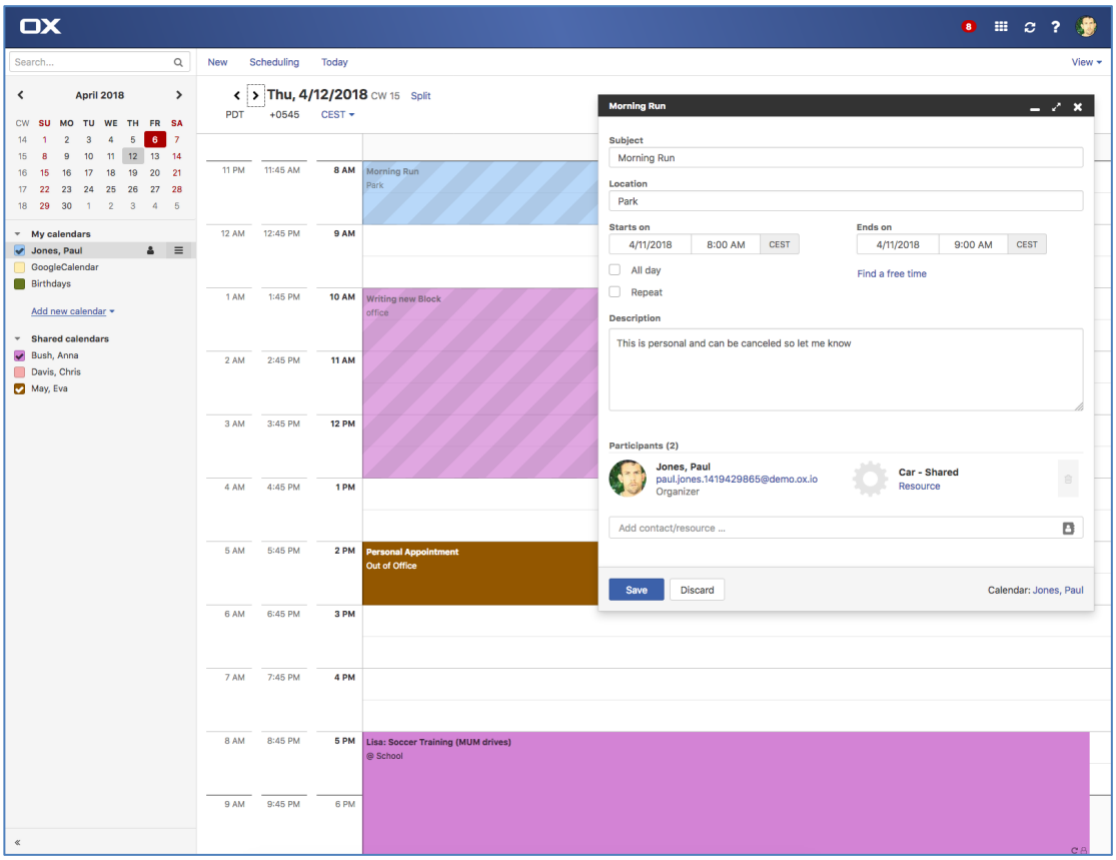

3.3 Configurable View of All Calendars

UX design has identified that a single user often has many calendars and frequently needs to filter, view or hide information contained in those individual calendars. The OX App Suite v7.10 web UI has been updated in order to make this selection/filtering of calendars as simple and as visual as possible.

As in previous versions, the folder tree provides a visual list of all available, and subscribed, calendars a user has. In OX App Suite v7.10 a user can now simply select which calendar information should be displayed in the main view. The user simply clicks on a calendars checkbox to select or deselect the calendars view ability. Additionally a user can select shared or public calendars to be displayed inside the main view.

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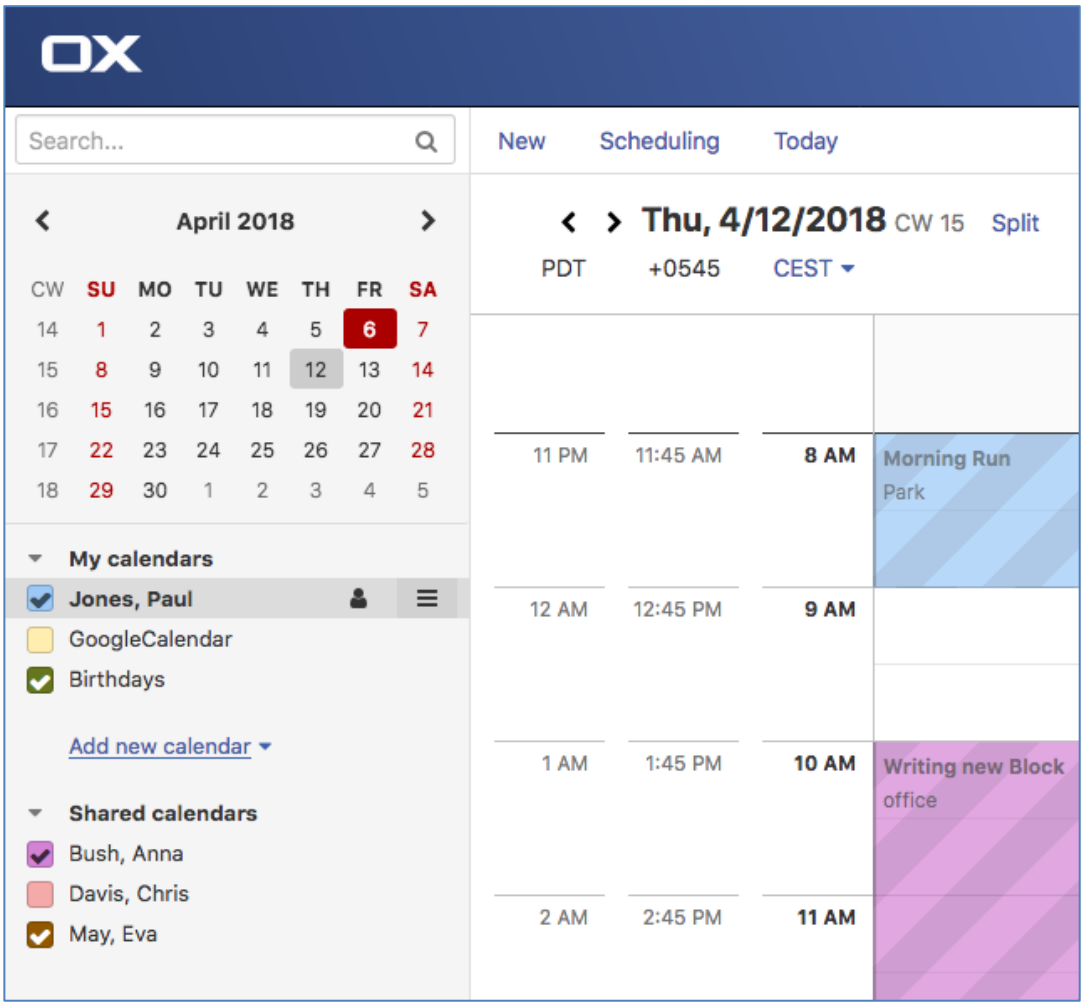

Folder selection is still available but now it only affects actions taken in the toolbar. For example a new appointment is created in the selected calendar. Also calendar selection is still used to show the context menu for that calendar.

Additionally, OX App Suite now provides a "Show this calendar only" option in the context menu, or by double clicking a calendar. This will deselect all other calendar and only show information in the selected calendar (double clicking again restores the previous selection).

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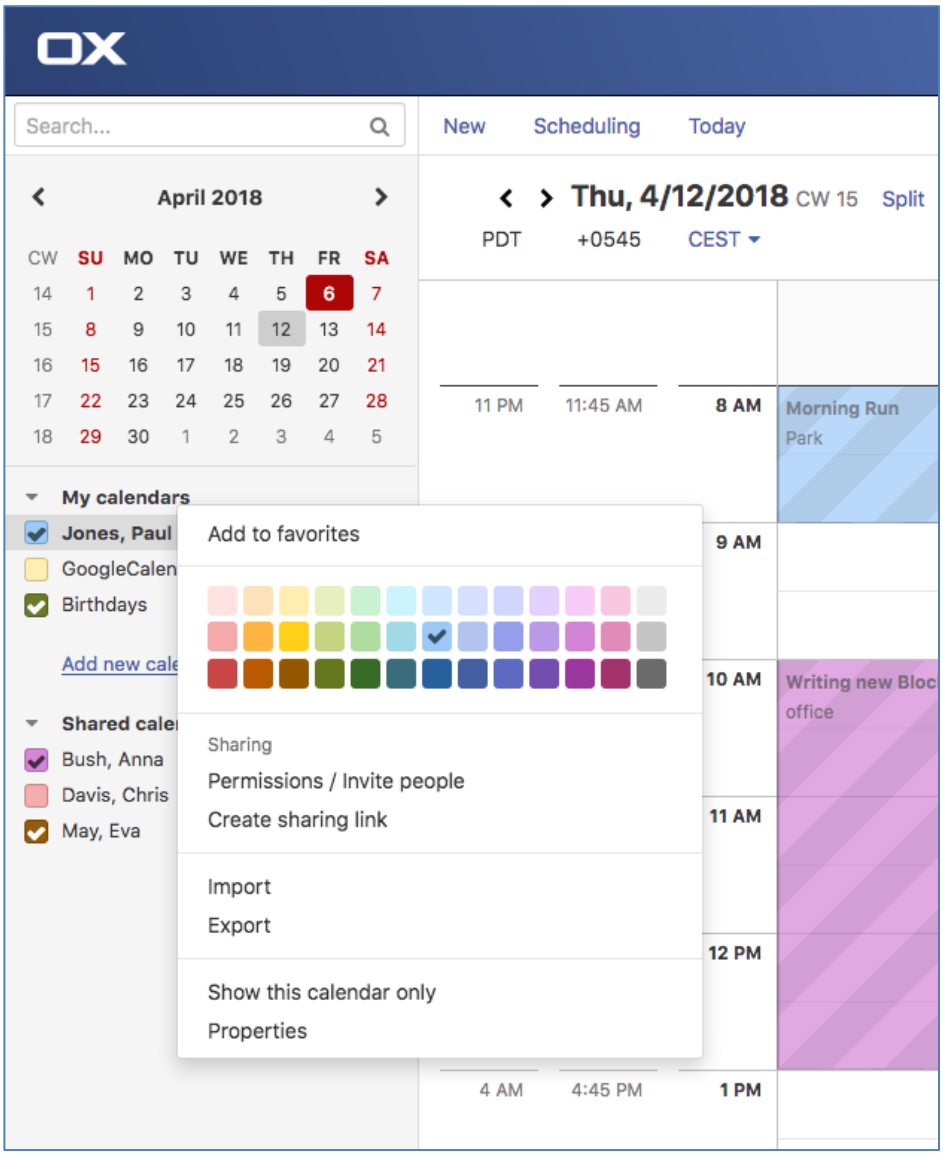

3.4 External Calendar Subscription

One significant benefit of the technical rewrite of the calendar, in OX App Suite v7.10.0, is its new ability to better integrate calendar data from external services/sources. The most common example of such integration is the use of public calendar feeds available on the Internet. For example integrating public regional holidays, religious day, sports schedules etc. These public calendars/schedules are usually published as iCalendar feeds.

External calendars can be connected in several ways. By pressing “Add new calendar” in the folder tree a user is presented with several options to add an

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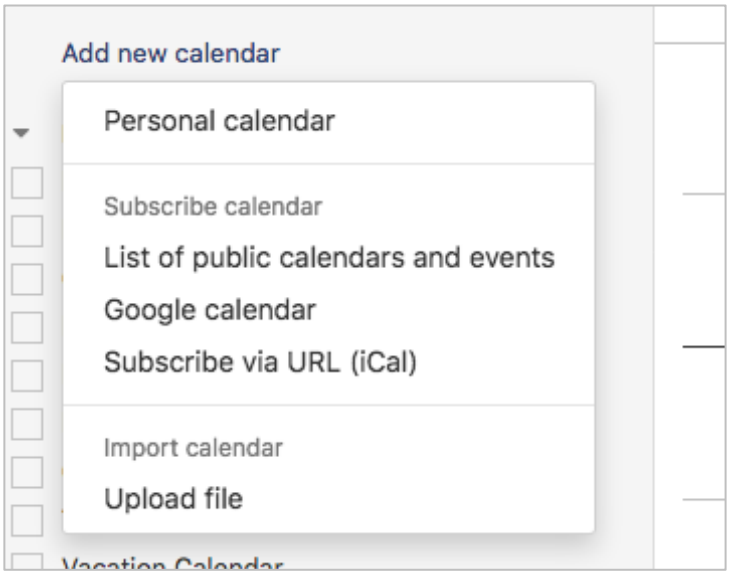
external calendar. This includes “Subscribe via an URL (iCal)”, “Google calendars” and “List of public calendars and events”.



The new calendar in OX App Suite v7.10.0 provides support for Google calendars via OAuth, discovery and subscription of calendars managed by ‘Schedjoules’ or direct integration of calendars shared by other Open-Xchange servers.

Note that a manual refresh of subscriptions is possible via a new entry “Refresh this calendar” inside the context menu for that calendar.

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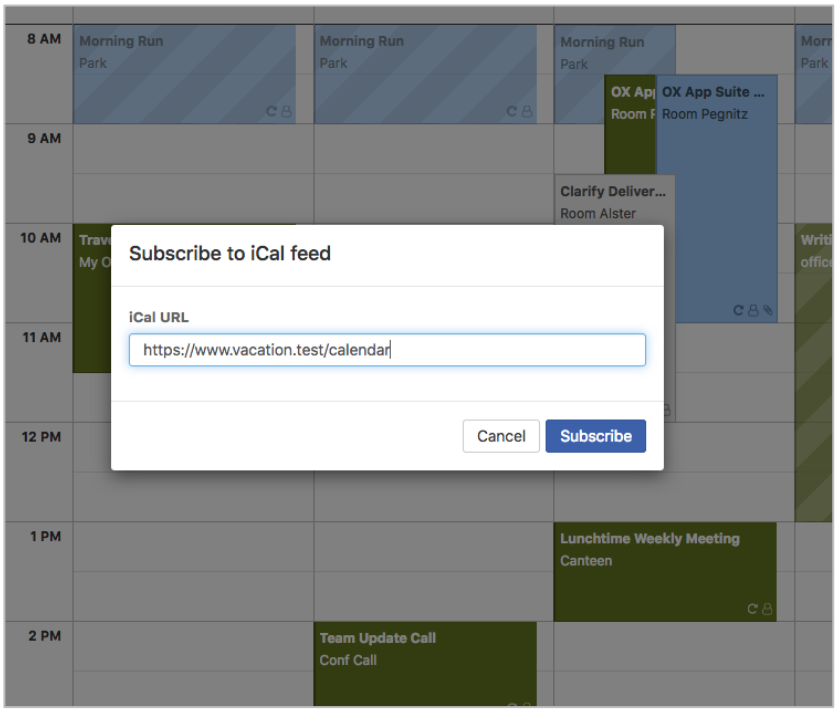
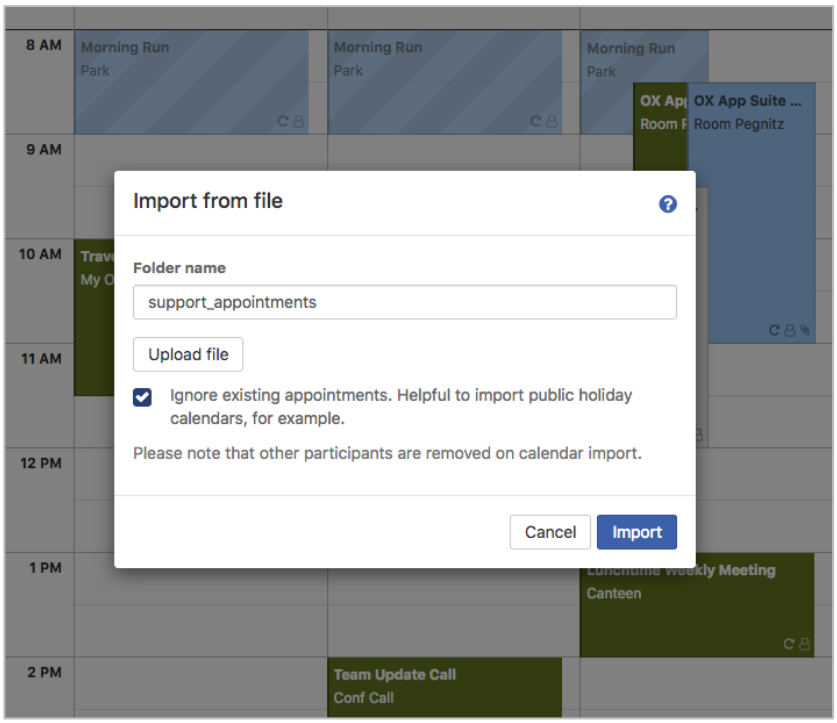
Subscribe via an URL (iCal) lets a user subscribe to any public available iCal calendar where the user knows, and has access to, the URL:



Importing a calendar manually lets a user import any compliant calendar file:



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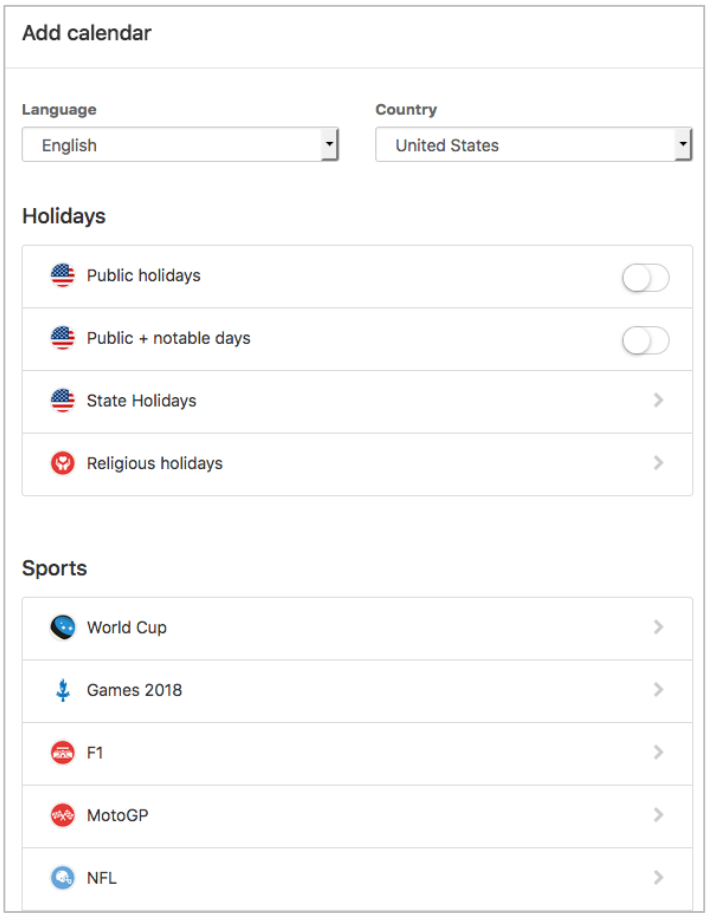
Schedjoules is a service that supplies and maintains an extremely large number of calendars. With Schedjoules a user can select regional or interest based calendars. Each selected calendar is added to the OX Calendar as a separate calendar:



Please note: The use of Schedjoules is optional and requires an additional activation license key. Please contact Open-Xchange for details on pricing and acquisition of Schedjoules keys.

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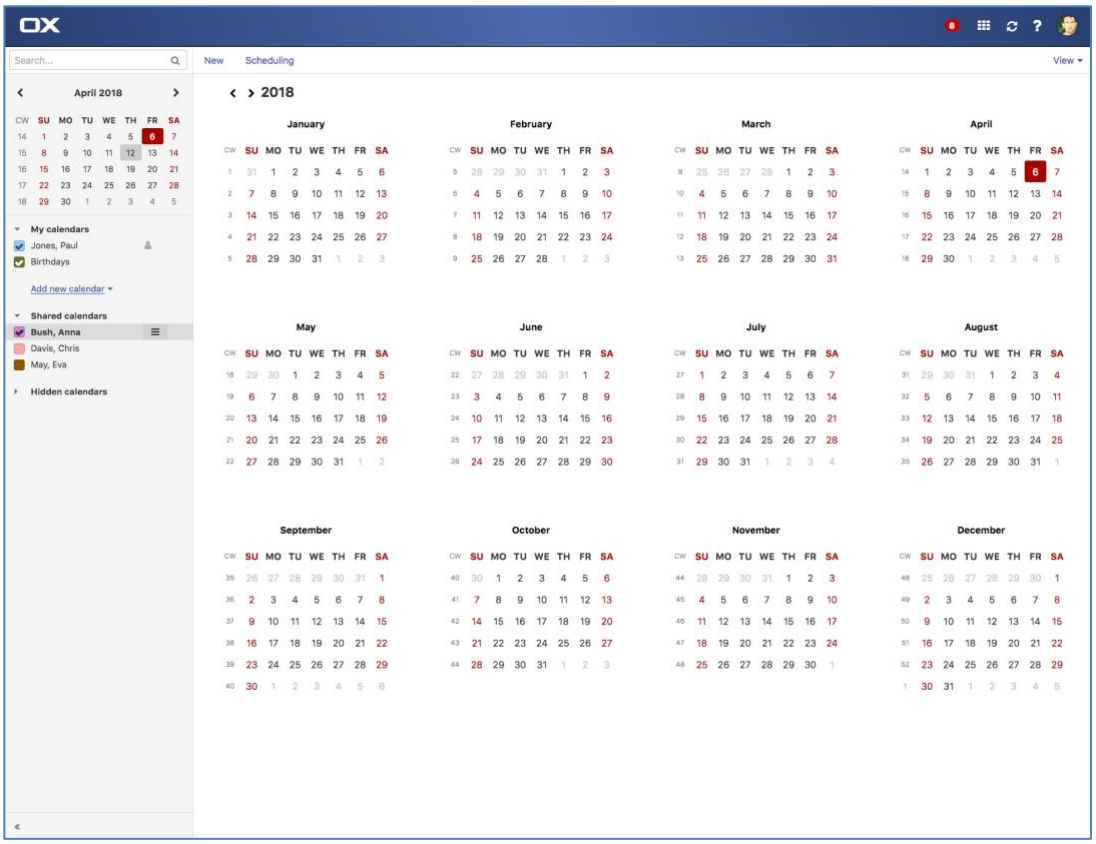
3.5 Birthday calendar

The often-demanded “Birthday Calendar” can also be provided by a dedicated calendar account. Based on the address book it allows the user to add all birthdays by selecting the checkbox next to the Birthday calendar. The birthday calendar can be disabled in settings.

3.6 New “Year-View”

OX App Suite v7.10.0 now provides a new “Year-View” within the OX Calendar.

To see the year view the user simply selects “Year” in the view dropdown in the calendar. That allows users to quickly check dates (e.g. if Christmas will fall on a working day).



If the user clicks on a month inside the year view, the chosen month will be opened up in the month view. The year view automatically adjusts the number of columns according to the current width of the browser. The toolbar contains two

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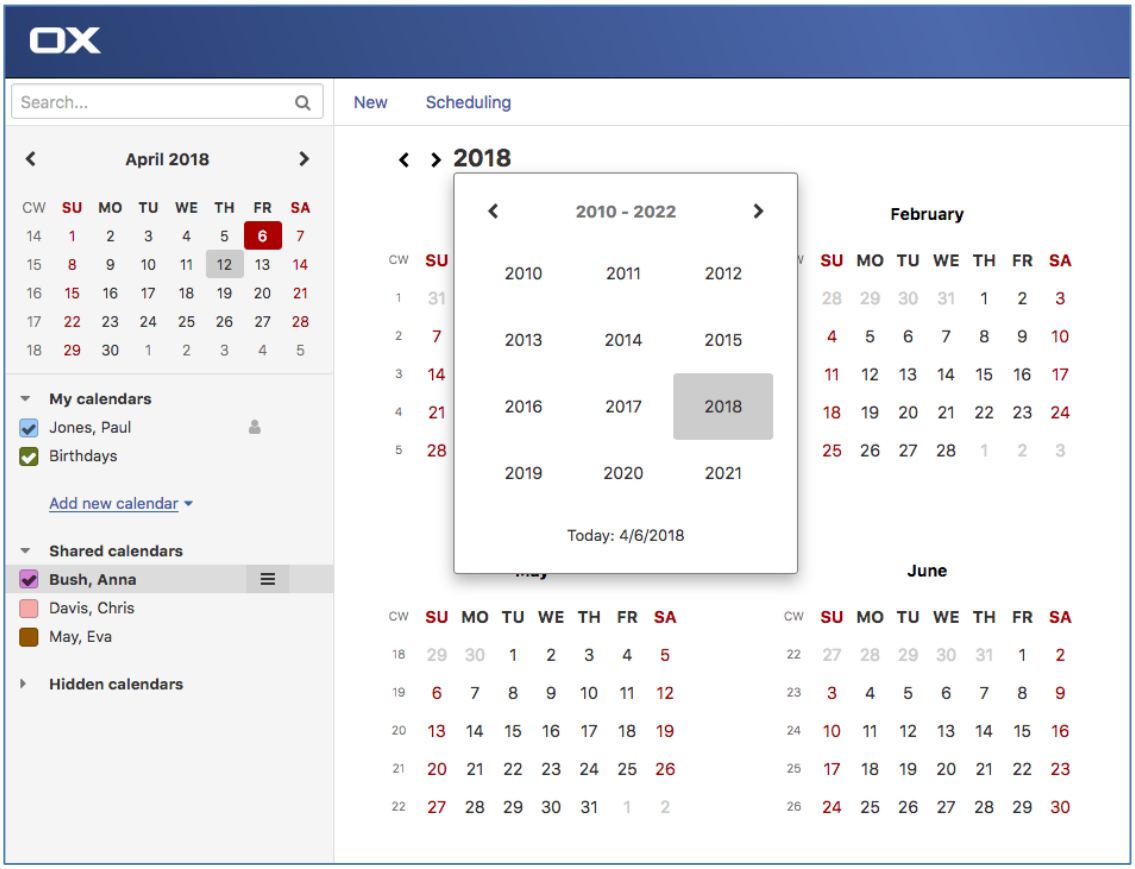
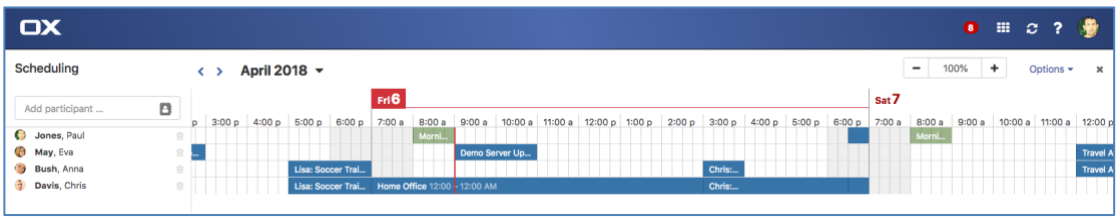
arrows to switch to the previous or next year and a link where the user can open a dropdown for faster year selection.



Note for users: The year view is not visible in mobile devices.

3.7 Improved Scheduling View

OX App Suite v7.10.0 provides an updated scheduling view.



The updated scheduler now lets users zoom the scheduler. This lets users see a wider range of dates in one view and provides easier group scheduling and a better user experience.

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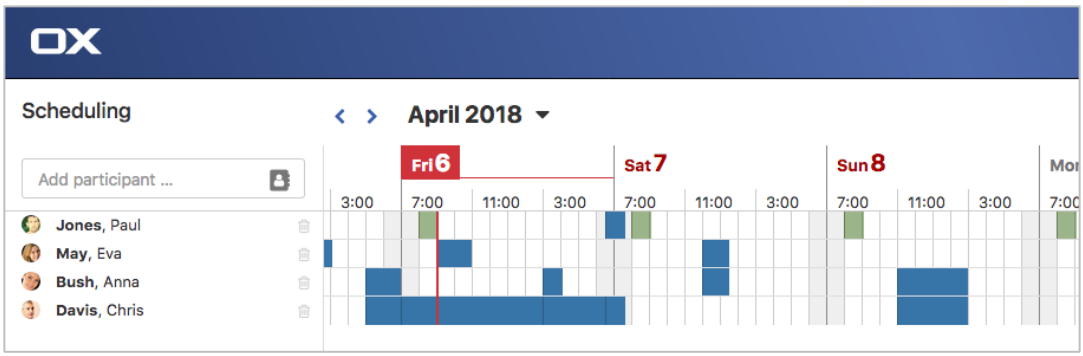
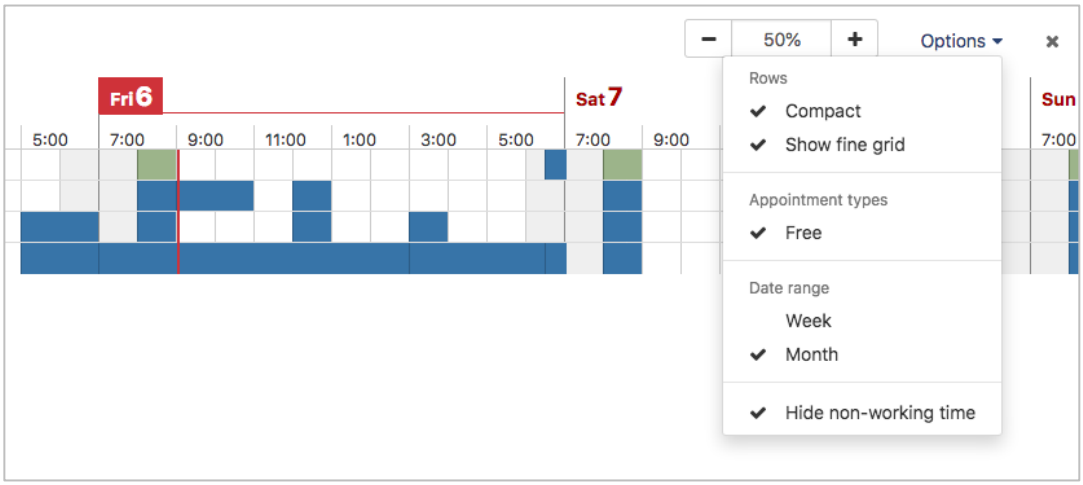
Open-Xchange introduced lower zoom levels, so the view takes up less space.



To make working with large zoom levels easier Open-Xchange introduced a fine grid option to divide the full hours into quarters or 5-minute pieces (depending on zoom level).



The scheduling view can now be used to view a week or a month. This can be changed in the dropdown.

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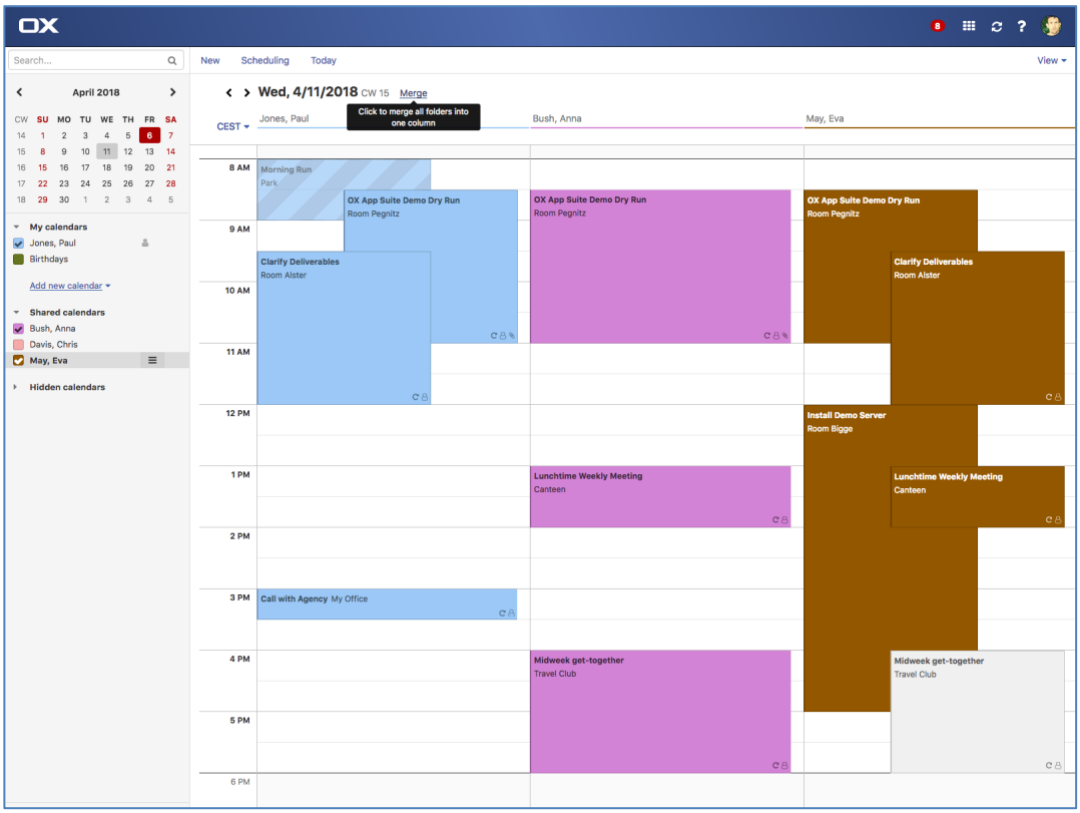
3.8 “Merge” View Inside Day View

In OX App Suite v7.10.0 UX Design has spent a lot of effort in redesigning how calendars are used in groups. For this reason, the OX Calendar now provides many group calendar features. One of these features is the “Split View”.

When in the ‘Day View’, in OX App Suite v7.10.0, a user can now show multiple calendars arranged in columns. This quickly, easily and instinctively lets a user get an overview of the scheduling situation for a number of users for a selected day.



The OX App Suite calendar now provides the following:

- A 'split' button, in day view, to activate the new split view
- Splits all selected calendars into columns.
  Actions (e.g. create/update) via click, drag & drop on a column, triggers the action on the referenced calendar
- Number of columns is not limited

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- Indicates the color of a calendar with a bottom border under the calendar name. This colored line is also helpful to distinguish week-view and split day-view

3.9 More Standardize Behavior

With the OX App Suite v7.10 calendar adopting industry standards, such as iCalendar and CalDAV, its behavior has been adapted to match. For example the participants of an appointment can no longer modify the appointment. Only the creator of the appointment can modify it. This is all in accordance with accepted industry calendar behavior.

3.10 New Flag/Visibility Options

In the new appointment creation window OX App Suite v7.10 now provides new appointment flags, often referred to as ‘Visibility’.

Open-Xchange has removed the ‘Private’ checkbox and introduced a select box with help. The label was also changed to ‘Visibility’ as this explains the flag better.

The user can select the following flags/visibility:

- Public (default) – The whole appointment is visible to all users in shared folders.
- Private – The appointment appears only as a time slot for non-attending users in shared folders
- Secret – The appointment is not visible to non-attending users in shared folders at all. The appointment is not considered for conflicts and does not appear in the scheduling view.

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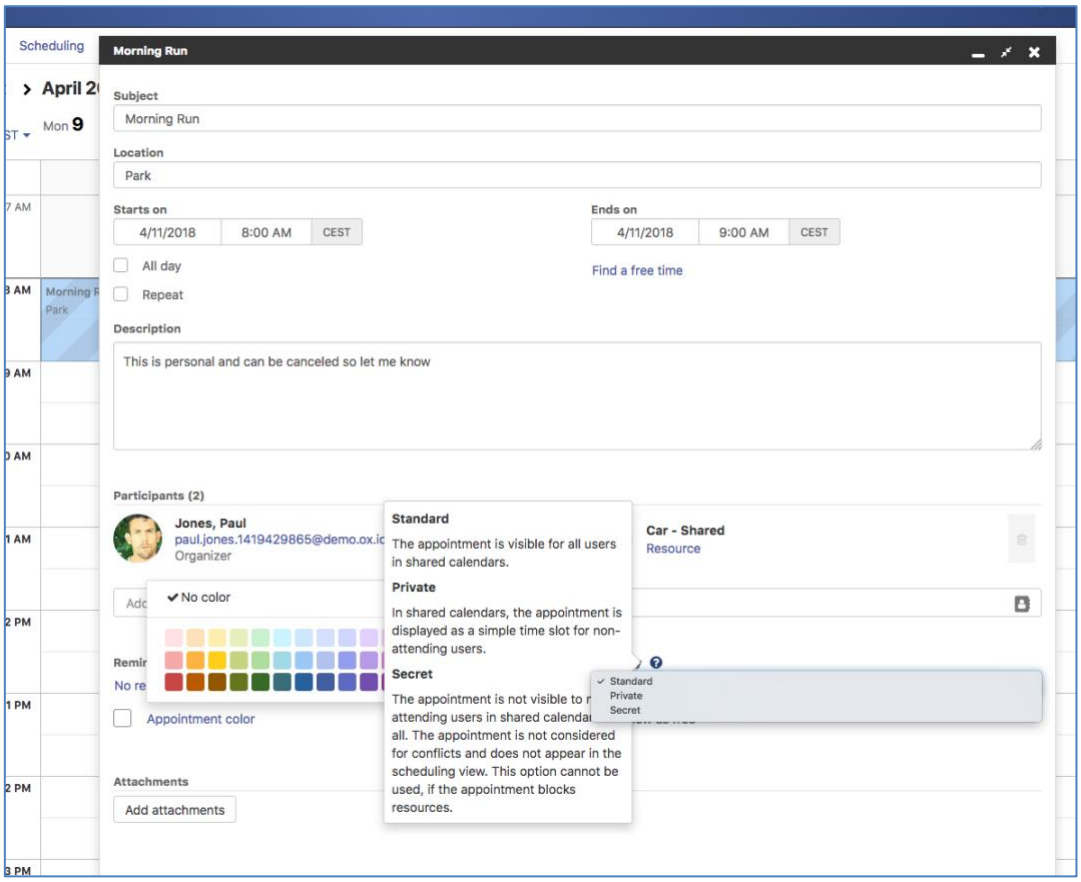

3.11 Dedicated Accept/Decline Actions for Appointments

In the detail view of an appointment OX App Suite v7.10 now provides a dedicated Accept/Decline option at the top of the view.

UX design has identified that many users wish to simply accept or decline appointment and this should be as simple and direct as possible. For this reason Open-Xchange has introduced this to the detail view as a direct element instead of just providing "change status" ("change status" is still available).

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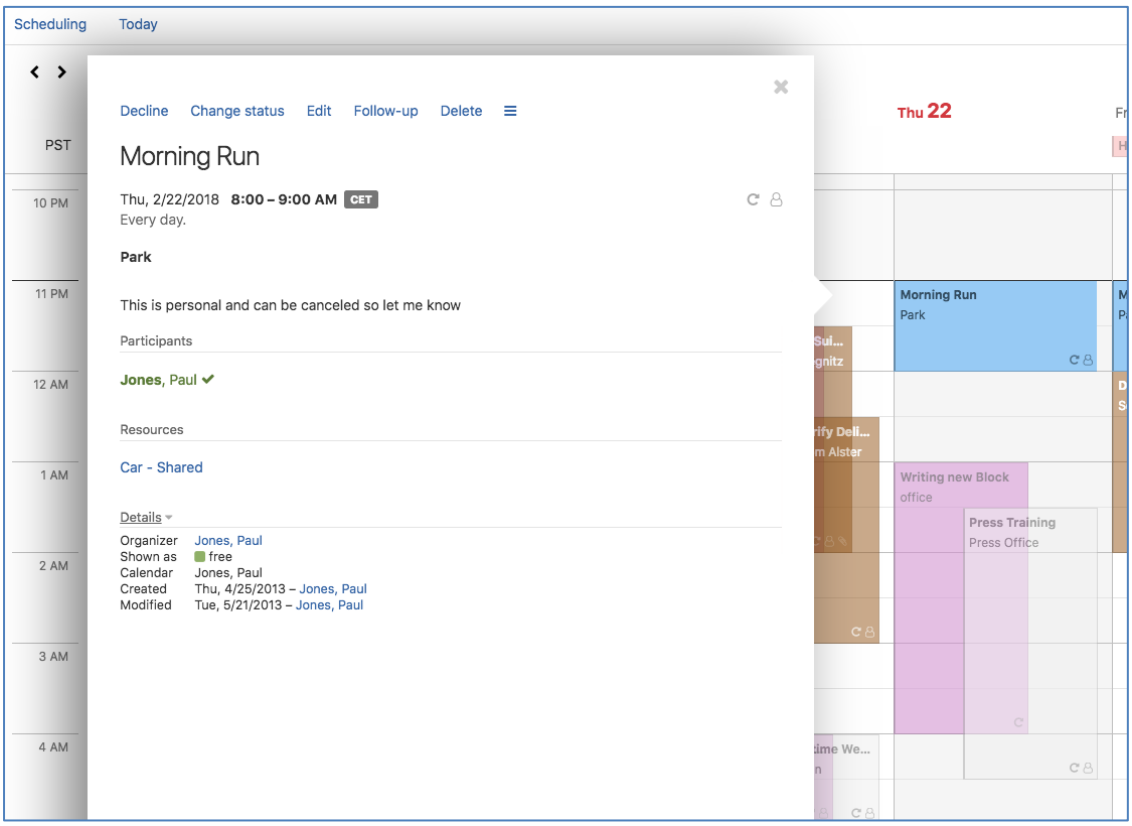

3.12 Show Calendar in Notification Window

Formally when a new appointment is shown in the notification area, the user could click on the appointment and it shows the detailed appointment view (Halo-view), with all the details displayed.

Now, in OX App Suite v7.10.0, the notification contains a link that takes the user directly to the appointment in the respective calendar. This helps the user see how this appointment fits in the personal calendar and ultimately improves the user experience.

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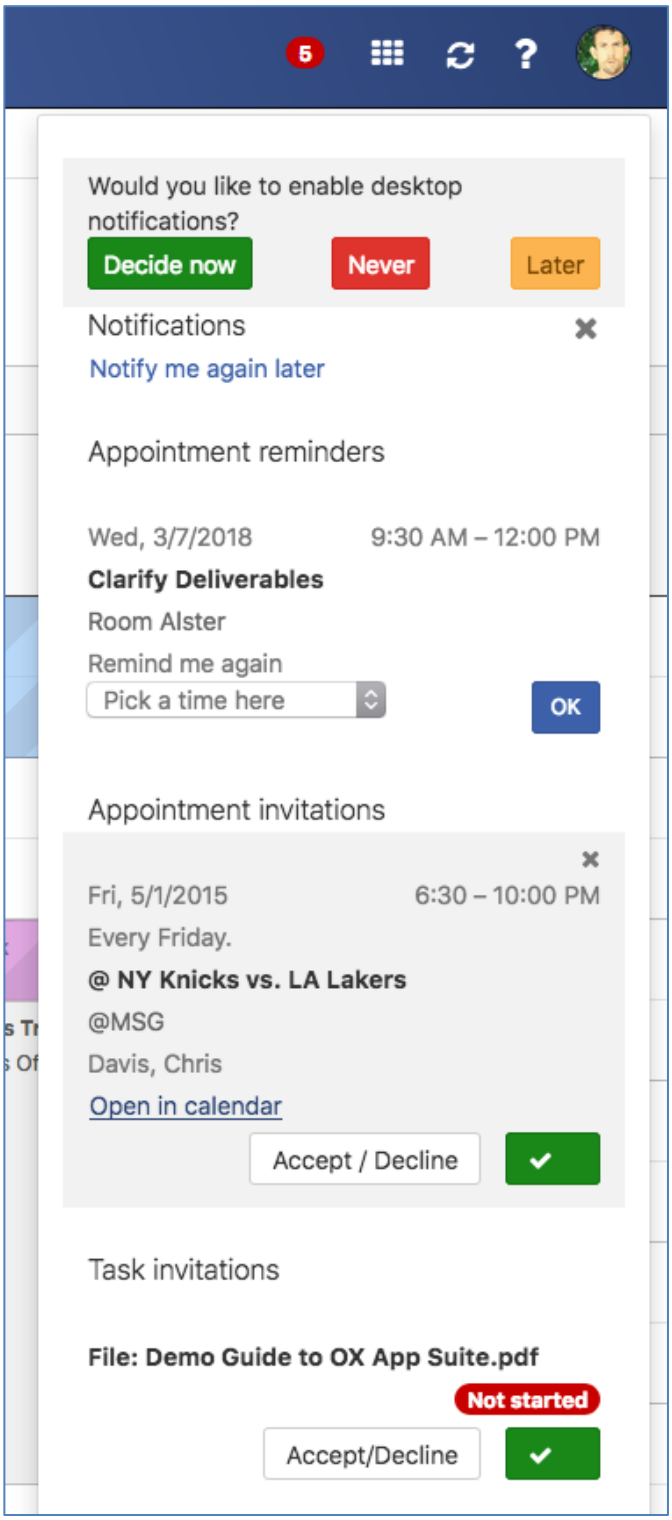

If the user clicks on the “Open in calendar” link in a notification, the OX Calendar will open up in the week view, it will also show the side popup for the appointment the user is invited too.

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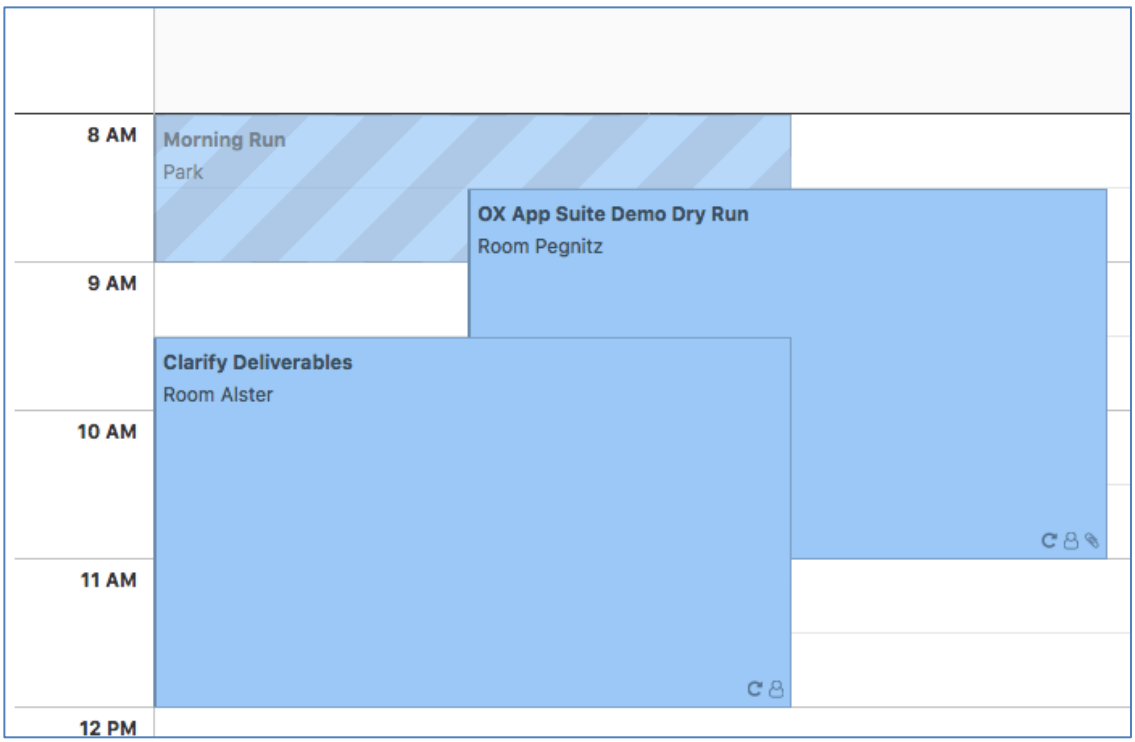
Note for Users: If the appointment is in a calendar that the user has not activated then the calendar will be automatically activated in the folder tree.

3.13 Icons for Appointment-Status

UX Design has identified that many calendar users want to be able to see if appointments have participants (appointment is a meeting) and if an appointment is recurring (serial appointment). For this reason OX App Suite v7.10 now shows icons on appointment indicating if the appointment has participants or if it is a serial appointment. This is shown directly on the appointment in the calendar view.



Appointments now have icons showing recurring, participants, private, secret or tentative statues.

Note for users: icons are only displayed in detail, day, workweek and week views and only if there is enough space to display this information.

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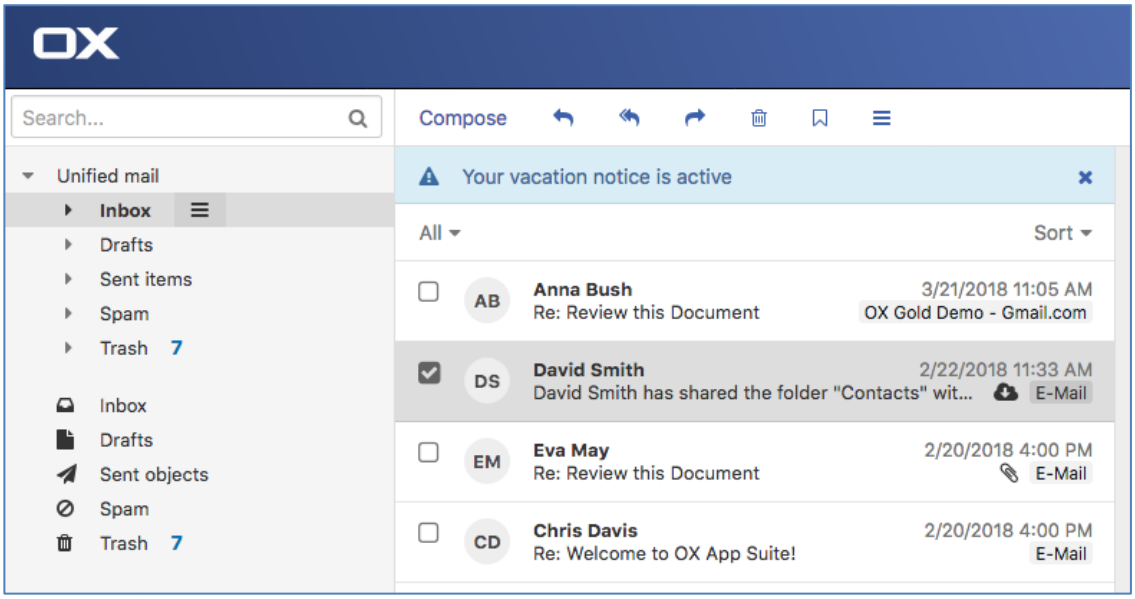
4 OX Mail Enhancements and Design Updates

4.1 Notification When Mail Forwarding or a Vacation Notice is active

UX Design identified that many users forget to turn off vacation notice. For this reason OX App Suite v7.10.0 now provides a reminder, at the top of the OX Mail module, that the vacation notice is still active. This means that when a user returns from a vacation is starts using OX App Suite again they will see the reminder and avoid email miss-communication.

This information will also be displayed if a user has an email-forwarding filter activated to remind the user that emails will be forwarded. This is a very typical Support issue and will reduce support calls for our customers.

The hint can be closed by the user but will appear again when the user logs back into OX App Suite again.



4.2 Teaser Text for Email list view

UX Design identified that many users wish to know the content of an email without having opening it. This lets them scan their inbox more efficiently. For this reason OX App Suite v7.10.0 now display teaser text for each email inside the email list view.

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This means that now, in addition to the sender and subject information, the user sees a small teaser text within the list view. The user now gets a better idea of what the email is about before opening it.

This feature can be toggled on and off by the user using the view drop down on the top right corner.

Note for Administrators: The functionality is activated by default. This feature is only available with the latest Dovecot release and can also be deactivated (io.ox/mail//features/textPreview=false)

4.3 Hint About Forgetting Mail Attachments

UX Design identified that users frequently compose emails but forget to add attachments that are referred to in the email itself. The typical workflow is: the user adds recipients, types a subject, types the mail text, but then forgets to attach the attachment before hitting send.

OX App Suite v7.10.0 now checks the email content (subject and text) for keywords such as “attachment” or “find attached” and gives the user a hint in the form of a popup that they might has forgotten to attach something to the email. If this is incorrect the user simple ignores this, else the user adds the attachment and then sends the email.

This feature will help to prevent mails being sent without the stated attachment.

Note for users: This new functionality is supported on all Open-Xchange official languages (list of supported languages available here: http://oxpedia.org/wiki/index.php?title=AppSuite:Available_Translations)

4.4 Improved Display Name Handling in Mail Compose

In OX App Suite users have the ability to hide their ‘real name’ in the ‘from’ field when sending an email. To do this users simply deselect “Show names” once in the dropdown menu and this becomes the default. UX Design has noticed that this could happen by accident.

For this reason OX App Suite v7.10.0 now displays a warning when “Show names” is deactivated. This should help to avoid confusion in the future.

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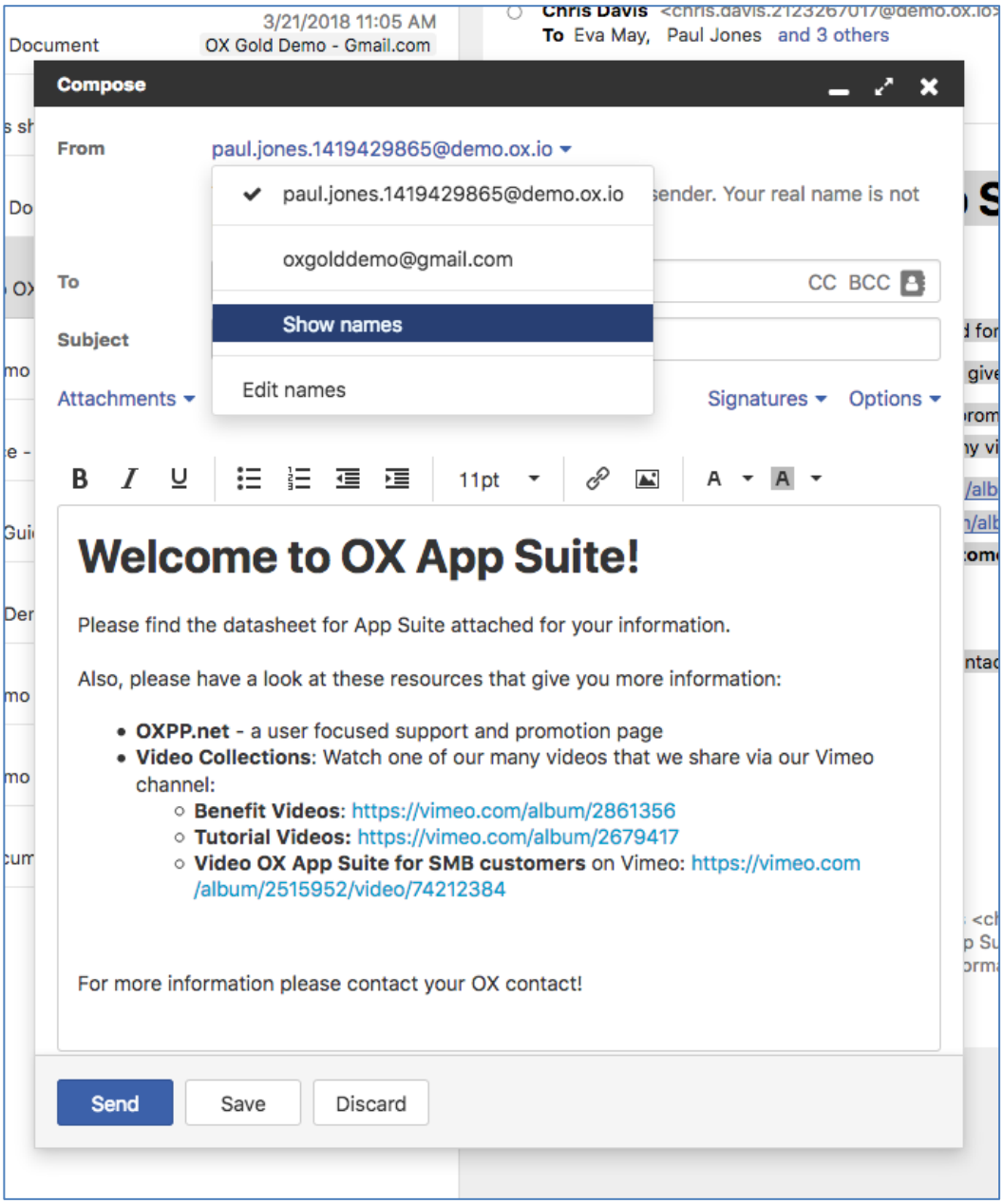

4.5 Search and Sort Mails by "Has Attachment"

The OX App Suite email module already contains an easy to use sort facility, but in OX App Suite v7.10.0 this feature has been enhanced with the new ability to sort emails depending on if they have attachments. This requested feature makes locating a historic email much easier.

This new feature has the following behavior:

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- Ascending (default): Emails with attachment appear at the top and all others below
- Descending: Emails without attachment appear at the top and all others below
- Second sort order (within the two blocks) is always Date descending

Other improvements for the sort include:

- Sort based on if an email is flagged (stared)
- Sort based on color has been adjusted to behave similar to other sorting fields

4.6 Simple line breaks for Mail Compose

In OX App Suite v7.10.0 the recognition of a simple ‘line break’ has be introduced to the compose email dialog. Now if a user pressed enter a simple line-break is inserted instead of a full paragraph break.

4.7 Trigger Actions for All Items in the List View

In OX App Suite v7.10.0, in the ‘List View’, a new function has been added that lets a user work on ‘All’ emails. Due to pagination (not all emails are loaded in the list to increase the performance) we introduced this feature to work on all messages without having to load them all. This has been identified as a feature that should improve the user experience, and has the following features:

- A new dropdown has been added to the List View called “All”
- Function to “Mark all messages as read”
- Function to “Move all messages”
- Function to “Archive old messages”
- Function to “Delete all messages”

All these functions work in both the standard and tabbed inbox, as well as with items identified from a search.

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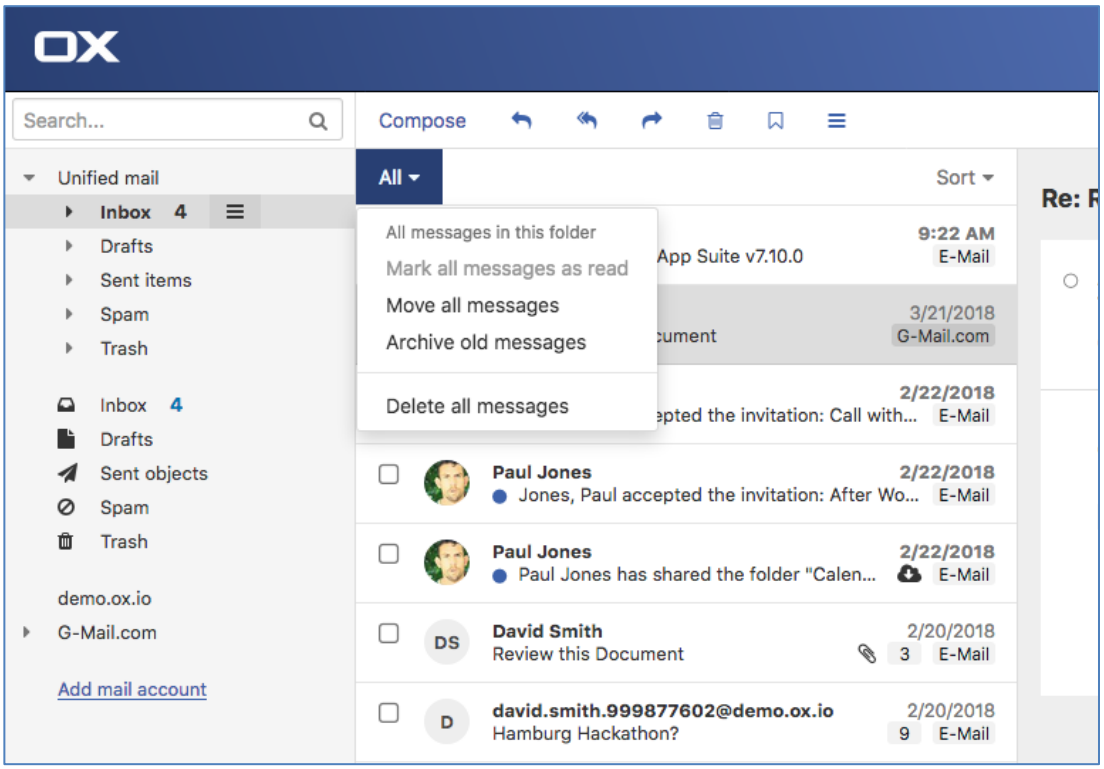

5 OX Contacts Enhancements and Design Updates

5.1 Scale Down Contact Images Automatically on Upload

OX App Suite v7.10.0 now handles the scaling of each uploaded user contact image. This provides better performance and also improves usability by letting users upload standard images and let OX App Suite deal with the technicalities.

OX App Suite v7.10.0 lets users upload common size images (16MP) that will then be sale downed during the upload process. The administrator can configure the final size of the image.

Additionally OX App Suite v7.10.0 provides both cropping and scaling of the image. The web UI provides the following:

- No available picture - Open file picker
- Edit a picture - Open crop dialog that also provides a button to upload a new image

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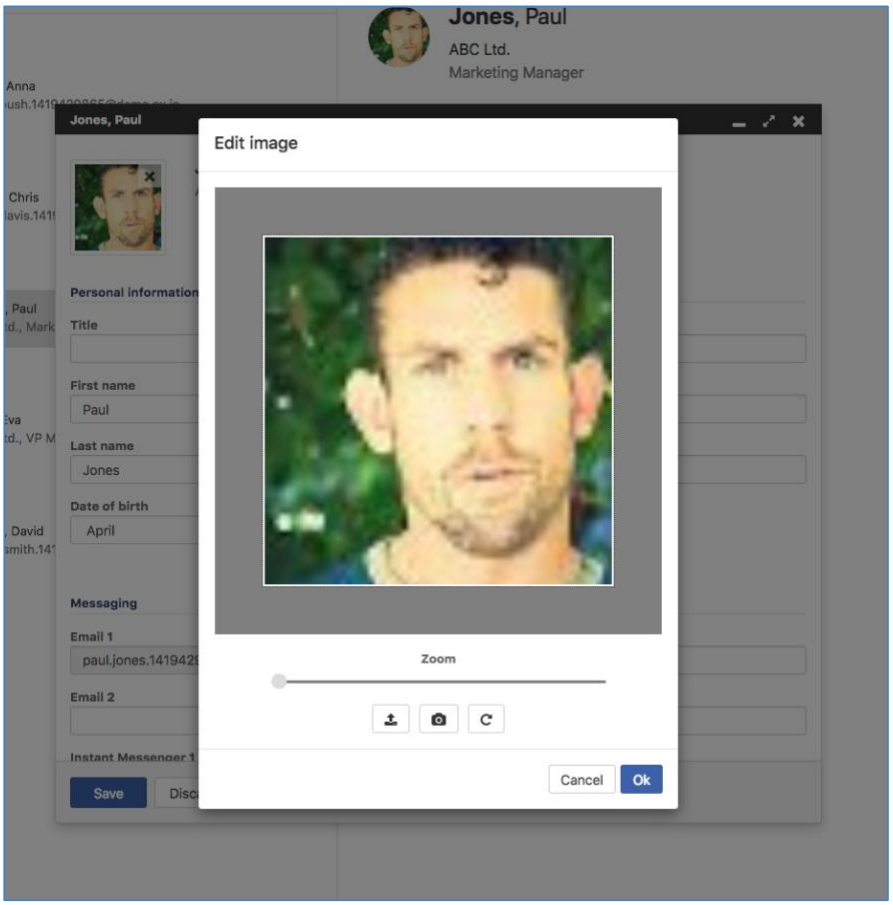
Note for Users: This functionality is not available on Internet Explorer browsers.

Note for Administrators: The maximum allowed size is configurable.



5.2 Use Device Camera to Take a Contact Picture

A further improvement to the OX Contact module, in OX App Suite v7.10.0, is the use of device cameras. The edit dialog of the contacts module now provides a "Take Picture" button, in the new "Edit Contact Picture" feature. This feature makes it easier for a user to provide a new picture.

Note that after a user clicks on the Take Picture button they are asked for permission to use the camera.

After the photo is captured the user can edit or discarded the image before saving it.

Note for Users: This functionality is not available on Internet Explorer browsers.

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5.3 Show "Department" Field for All Contact Search Results

In larger environments, with sizeable Global Address Books, it might be hard to distinguish between people with the same name simply from their name or email address.

In OX App Suite v7.10.0 OX Contacts now provides a new row to display the department in search results next to the name and email address.

Note for Administrators: The feature can be activated on the server and is deactivated by default.

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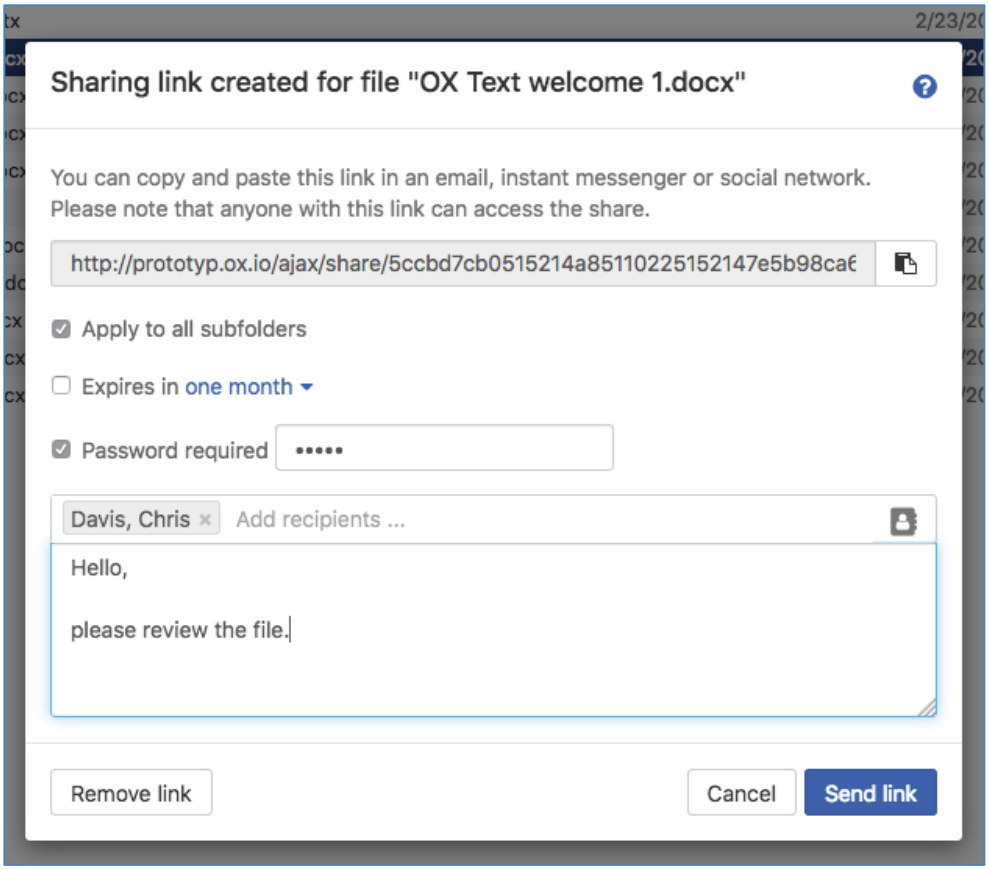
6 OX Drive Enhancements and Design Updates

6.1 Include Subfolders for Share Links

OX App Suite v7.10.0 provides an enhancement to the “Create sharing link” functionality. New shared links can now provide access to subfolders. This option is called "Apply to all subfolders" and is the first option above the expiration date in the dialog.



Users can see and change the option similar to "Invite People". This functionality is also available in the “My shares view”.

If a folder has both invites (internal and external) and links then OX App Suite split’s the view in the “My shares” view in two entries, one for invites, which already has an option for subfolders, and an own dialog for links, which also has an option for subfolders.

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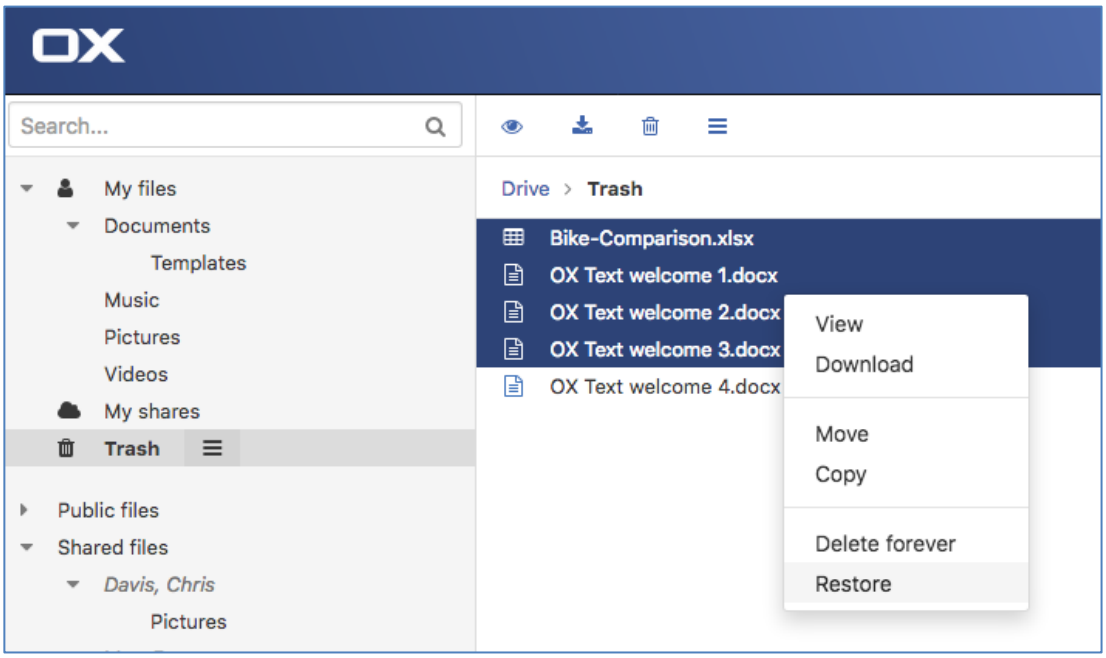
6.2 Restore Trash to Original Location

In former version of OX App Suite files and folders could only be removed from the trash. Now with OX App Suite v7.10.0 OX Drive lets users restore files & folders to their original location.



After a file/folder is deleted all granted permissions for that file/folder are removed. Only the owner of the file/folder is allowed to interact with it in the trash.

Note that inside the trash no version management is provided. Additionally no viewer is available for trashed items. Update operations such as renaming or moving are also not available inside the trash. The only available operations are "Delete forever" or "Restore".

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“Move to trash” function features:

- Provided for every file/folder the user owns or has delete permissions for
- After deleting all permissions are removed. The deleting user becomes owner of the deleted items and gets permissions to see: delete forever and restore the item
- All versions of a file are kept. All operations in the trash affect a file together with all of its versions
- Duplicate deletions are conserved: For example a file/folder "Test" is deleted; the trash already contains a file/folder "Test"; The second "Test" is renamed to "Test (1)" on deletion

“Restore” function features:

- Provided for every file/folder inside the trash
- Restoring an item moves it back to its original location.
  Where this is not possible (location unknown or permission problems), the item is moved to "My files"
- Every restore operation results in the display of a success/error message.
  If successful the full restored path is also displayed in the message
- Restored folders inherit all the permissions of the new parent folder
- Formerly locked files do need to be re-locked.
  The lock is removed on deletion

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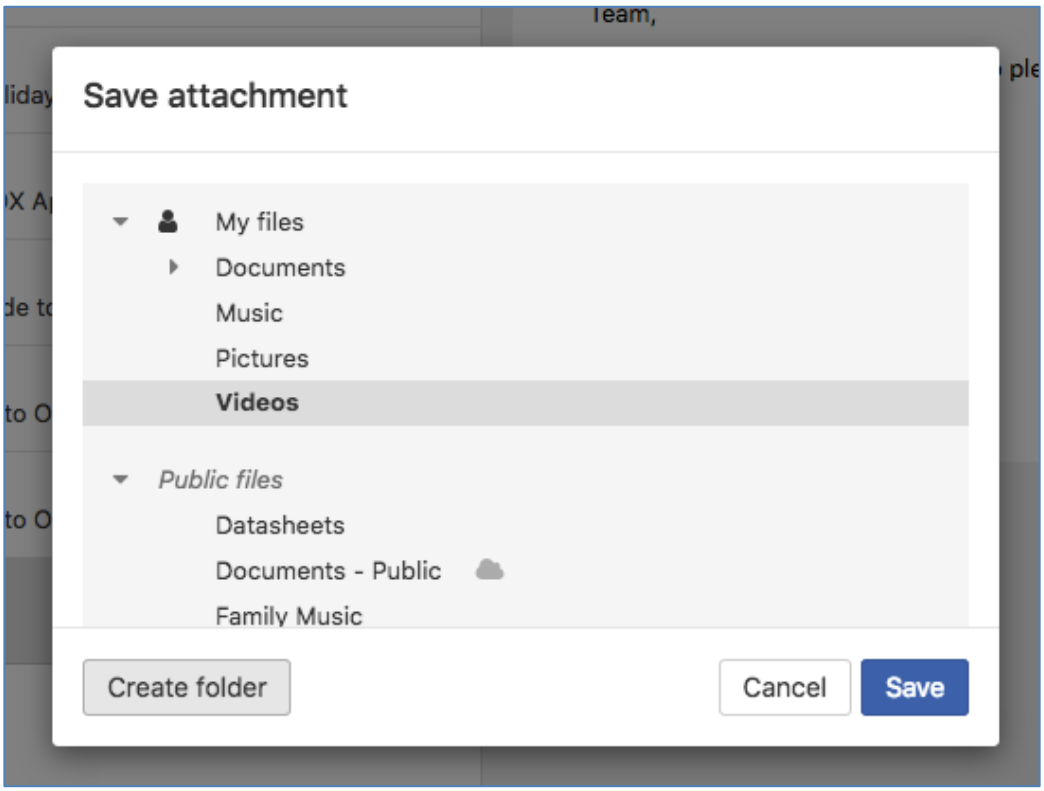
6.3 Create New Folder in ‘Save as’ Dialog

OX App Suite v7.10.0 now provides create folder in the “Save as” dialog in OX Drive. UX Design has identified that providing this directly in the “Save as” dialog greatly improves a user’s experience and reduce the steps to save and move a file to a new folder.



6.4 Unlock Files Behavior

In the past files could be locked by other users and the creator could not unlock them. To improve user experience, and on request, the creator of a file in OX App Suite v7.10.0 now keeps the ability to unlock their own files no matter which user locks them.

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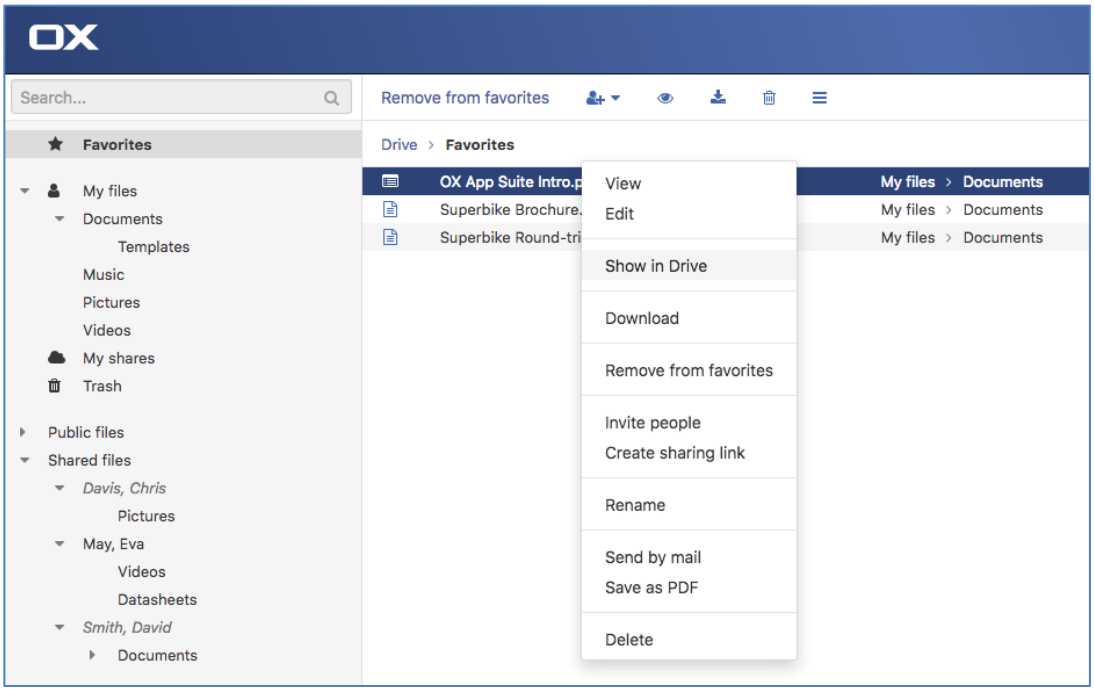
6.5 Improved Information Mail for Sharing

When a file or a folder is shared with a user, that user receives an information email. In OX App Suite v7.10.0 this information email has been updated. It now provides information about the file/folder being shared as well as updated formatting to improve usability and readability.

6.6 Add Files to Favorites

In the past it was possible to mark folders as “Favorites”. Now in OX App Suite v7.10 this functionality has been expanded to also let users mark files as “Favorites” too.

After a user selects a file the ‘Burger Menu’ appears with the new “Add to favorites” function. This lets users structure and access their most important files, in OX Drive, in an easy and quick way. This should improve the user experience.



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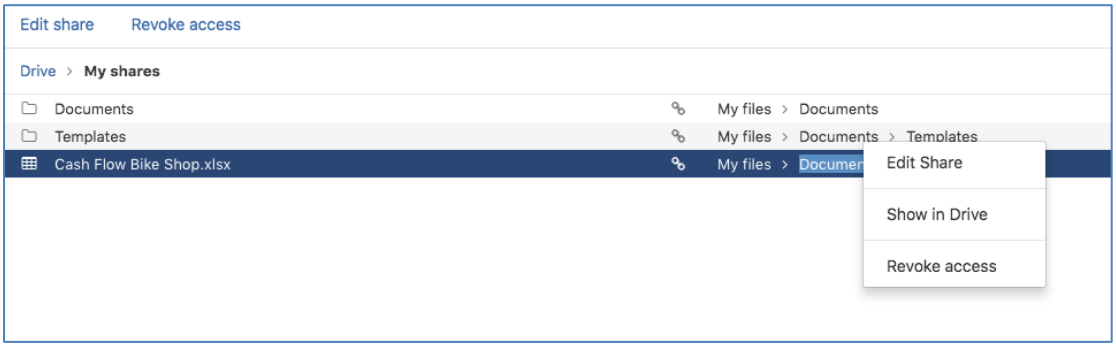
6.7 Show File in OX Drive in “My Shares”

In former version of OX App Suite there was no context menu in “My Shares”. OX App Suite v7.10.0 introduces this new context menu.

A user now has the possibility to use the following functionality in “My Shares”:

- “Edit Share” to change the current share options
- “Show in Drive” to jump to the shared folder.
  With the new function the user can see all files which are shared inside the folder



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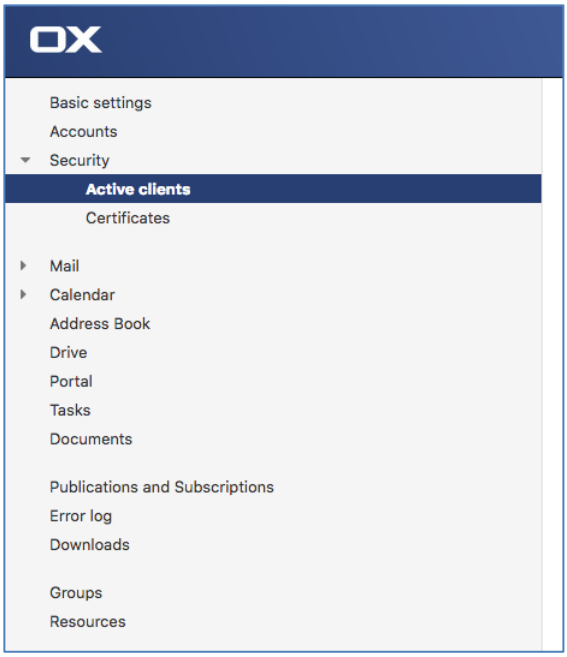
7 OX Settings Enhancements and Design Updates

7.1 Dedicated Area for Security Settings

With OX App Suite v7.10.0 Open-Xchange provides a dedicated area for security settings inside User Settings. The user now has the possibility to see all security related topics, like OX Guard, in this new section. The ‘Security’ section is on the top level of all settings.



7.2 New Default Alarms for OX Calendar

OX App Suite v7.10.0 comes with some updates to User Setting for the OX Calendar module. Inside the Calendar Setting OX App Suite v7.10.0 provided some new default alarms fields together with a new special default alarm for the birthday calendar.

There are three new settings parameters that configure the default alarms. When accepting an all-day appointment the all-day alarm is used. Also, the edit dialog toggles between the defaults when switching the all-day flag.

When creating a new alarm in a normal appointment it defaults to 15 mins and defaults to 12 hours for all-day appointments.

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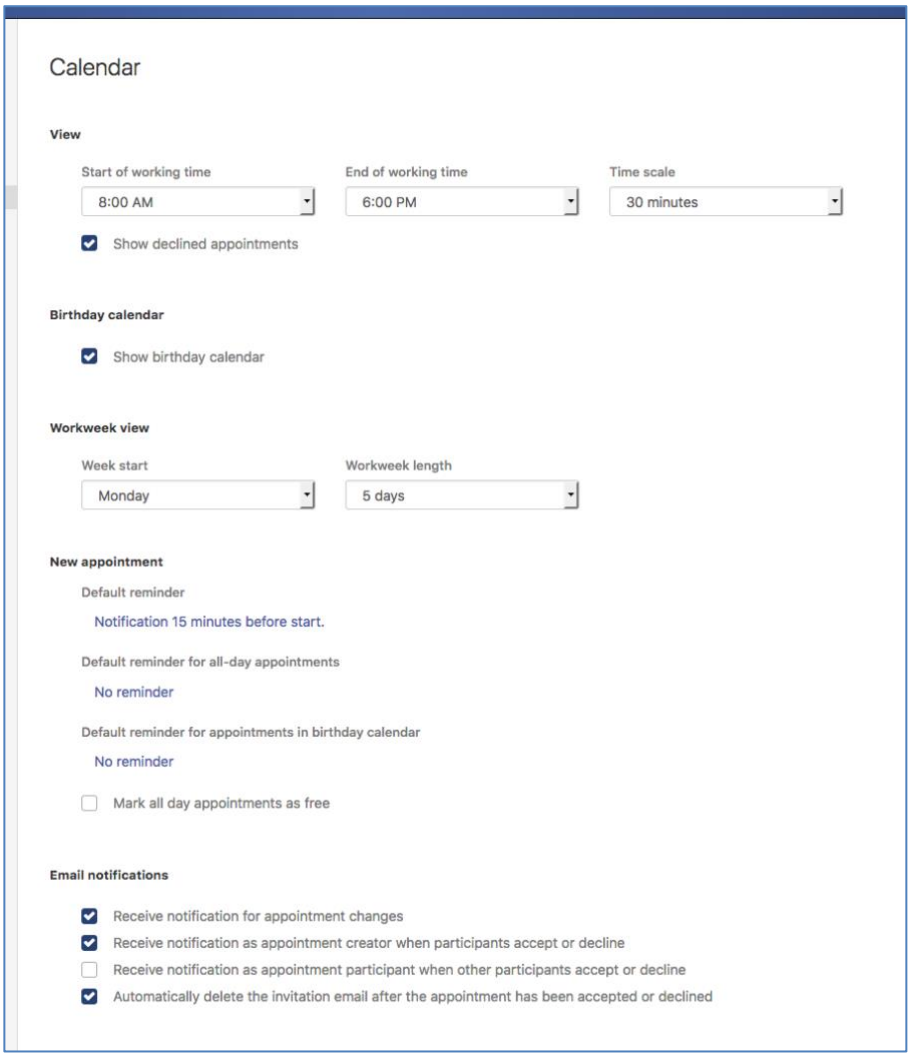

7.3 Allow to See and Terminate Active Sessions

OX App Suite clients (e.g. mobile, browser etc.) create something called a ‘User Sessions’ when they login. This sometimes leads to "too many active session" and can prevent a user from logging in again with some clients. To see what is happening a user is now able, in OX App Suite v7.10.0, to see all clients that have active sessions. The user is also able to terminate them if needed.

The new “Active clients” section is available under the “Security” section of the user settings. This page lists all active sessions sorted by mobile, desktop and other devices. The user can also terminate any session, except the current one they are in, or terminate all sessions at once, except the current one.

When removing a session a confirm dialog will appear.

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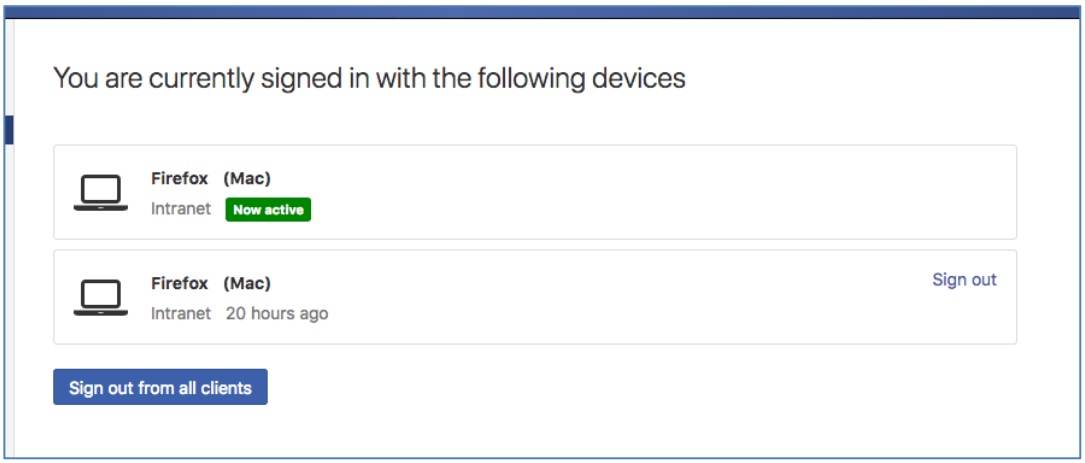

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8 Security Enhancements and Design Updates

8.1 Main Window Hide by Session Expired

When a UI session expires a small dialog appears saying, "Session Expired". For basic privacy and security reason when this dialog appears the content of the UI behind it is made unreadable.

OX App Suite v7.10.0 now lets a user enter their password in the "Session Expired" dialog, but the content behind the window is still made unreadable so that others cannot see or read any content which is not hidden by the small dialog.

Notes for Administrators: The blurriness can be customized by the "blurriness" variable. The default this is set to 4px.

8.2 Untrusted SSL Certificate Management

In certain circumstances a user may wish to establish an untrusted SSL connection with OX App Suit. For this reason, Open-Xchange has implemented, in OX App Suite v7.10.0, the ability to let the browser know this. The user is then notified by the browser and can accept certain certificates after being warned about the potential dangers.

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9 Administration, Technical Extensions, Plug-ins, etc.

9.1 Official Support of Debian Stretch (Debian 9)

With OX App Suite v7.10.0, Open-Xchange provides official support for Debian Stretch (Debian 9). Debian 9 is the successor of Debian Jessie (Debian 8), which will also continue to be supported over the next months. We encourage administrators to update to the latest operating system version.

The download and installation guides are available in Open-Xchange OXpedia under:

http://oxpedia.org/wiki/index.php?title=AppSuite:Main_Page_AppSuite#quickinstall

9.2 Introducing: OX Image Converter

OX App Suite displays images in many different ways: as thumbnails, icons, in documents, in emails and in an own pop-up window. The OX Middleware does all the image processing.

With OX App Suite 7.10.0 there is an alternative to process images by the OX Middleware. The image delivery can be delegated to an extra service, the OX Image Converter. This has a number of advantages:

- A separate storage can be used and configured
- Images can be pre-rendered in predefined sizes, default sizes are: 200x150, 480x320, 640x480, 800x600, 280x720 and 1920x1080 if resolution allows this. The size that best matches, will be delivered without new conversion
- There is no limit anymore for image sizes. This was used to protect the middleware in the former solution
- A persistent cache allows significant performance improvements
- Default format is jpeg, png is used for transparent images

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- The load on the OX Middleware is reduced significantly, that allows for better robustness

9.3 Configurable Font List for TinyMCE

With OX App Suite v7.10.0, it is possible to now configure the font list used by TinyMCE inside the send mail dialog. This affects the TinyMCE dropdown as well as the default font settings in mail compose window.

Notes for Administrators: This is configurable by a server-setting.

9.4 Desktop IMAP Clients Support – Delete Mails

Many users do not want deleted emails to remain after deleting. This is especially true when using Fat Clients. Often with a fat client, when an email is deleted, it is place into the trash folder. The EXPUNGE operations is then only occasionally performed. This means that in OX App Suite the deleted emails shown up in a strike-through style.

OX App Suite v7.10.0 introduces a new configuration option that makes sure that deleted mails are not passed to the client. It also makes sure that unread counters are also cleaned up.

9.5 Optimized Context and User Provisioning

In environments with large user bases, context provisioning was not always fast enough. This was due to the internal mechanics to determine target databases, schemas and file stores. Service providers often have significant user fluctuations resulting in multiple thousand contexts having to be created and deleted per day.

OX App Suite v7.10.0 introduces some new improvements for administrators. This includes the ability to create 20,000 new contexts with one user (+context admin) per day and delete 15,000 contexts per day. It is also now possible to create 7 contexts plus user per second or delete 5 contexts per second, etc.

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