

Release notes:

User access to multiple companies

Mobiflow Platform

Charge Point Operators

Electric Mobility Service Providers

Mobility-as-a-Service Providers



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Dear Mobiflow customer,

At Mobiflow, we strive to keep you as informed as possible about new features and developments on the market. Technology does not stand still and this causes us to regularly update our platform and app or make additional functionalities available. Naturally, we want to regularly inform you as a customer about this.

The upcoming release on November, 7th 2022, will allow users to easily access multiple companies without having to log out and in. This new functionality is described in detail below.

More info or questions?

We can be reached via email info@mobiflow.be or by phone at +32 (0)9 296 45 45.

Kind regards,

The Mobiflow team

With the Mobiflow smartphone app and charging card, you have access to a network of more than 230,000 charging stations all over Europe. Mobiflow helps you find a suitable and available charging station near you and tells you in advance exactly how much a charging session will cost. Happy charging!

Would you like to know more about our services? Take a look at mobiflow.be

Introduction

In the upcoming release the concept of external users will be introduced. This will enable end users to have access to multiple companies (i.e. customers), with a set of configurable permissions to each of these companies. This will allow certain users to have access and configuration permissions to multiple companies. A typical example where this functionality is useful, is a fleet manager that manages the fleet and therefore also the charging services of a certain company and their daughter entities. Using the newly added functionality, the fleet manager will be able to easily switch between all those different companies within the platform, without having to log out and in with different accounts.

Inviting external users

Users with the necessary permissions (i.e. **Account administrator**, more details on the permissions are described below), can invite users by sending an invitation through the platform. As these users already have a main company (i.e. customer), under which they were originally created, to other companies these can be interpreted as external users (an external user is *basically a user with certain permissions to a company within the platform which is different from their main company*). Inviting external users can be done by browsing to the **Administration >> User invites** section.

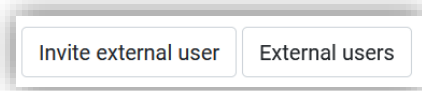


Figure 1: Invite external user / External users buttons

Clicking the **Invite external user** button (Figure 1), opens up the external user invitation form (Figure 2). Within this form, the e-mail address of the user (it must be noted that this has to be an existing user and therefore e-mail address within the platform) and the user permissions to the company can be configured (note that these can be adapted at any time later on). Saving the invitation will send out an invitation link to the specified e-mail address. The invited user can then accept the invite, by clicking on the link provided in the e-mail and by logging in as the required user. This will automatically accept the invitation and grant the specified user access with the predefined permissions to the company.

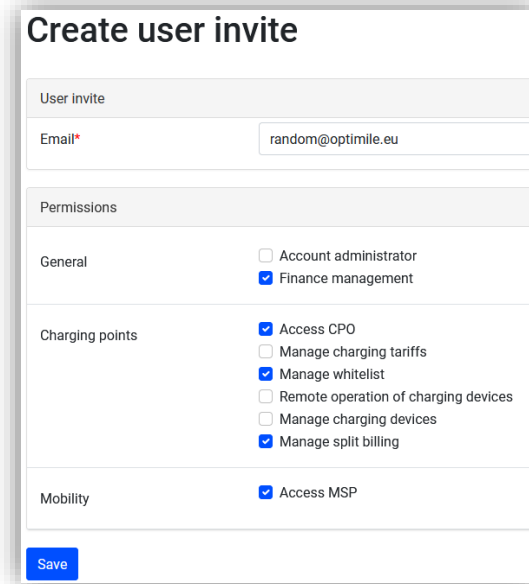


Figure 2: Create external user invite form

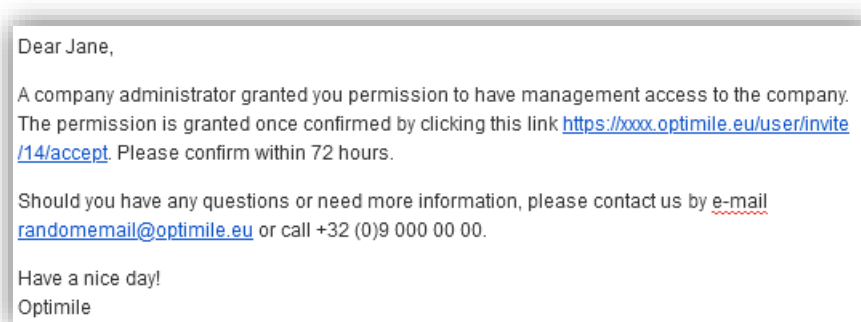


Figure 3: Example email generated after creating an external user invitation through the platform

The **User invites** page also provides an overview of all invitations and their status. The status of invitations can be either of the following:

- **Pending:** The status of the invite between sending out the invite and the acceptance / expiration of the invitation.
- **Accepted:** If the invitation was accepted within 72 hours, the status will change to *Accepted*, and the external user will be added to the external user list (**Administration >> External users**).
- **Expired:** If the invitation was not accepted within 72 hours or the invitation was cancelled, the invitation status is changed to Expired.

The expiration date is also displayed, as well as its unique **Invitation code**. The invitation can be opened by clicking this invitation code link (Figure 4). Within a pending invitation, the *Account administrator* can still change the permissions.

Once the invitation has been accepted, the permissions for that user can be adapted within the specific external user's page (e.g. https://xxx.eu/customer/92/account/external_users/316/)

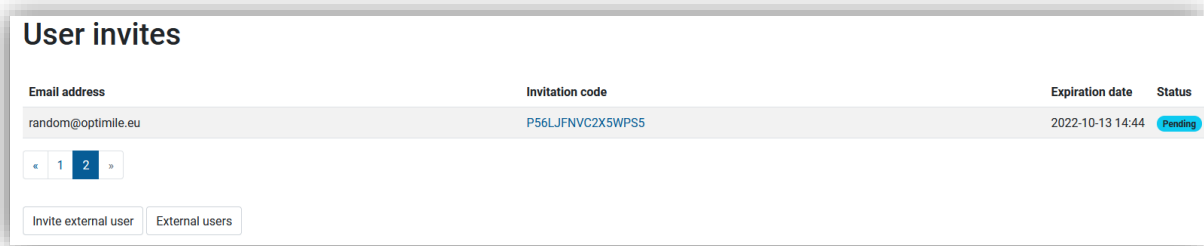


Figure 4: Invitation status invitation code and expiration date

Having access to multiple companies – look and feel

When users have access to multiple companies (i.e. one original “main” company and external user access to other companies), they are able to easily switch between those companies using the **Account indicator button** (Figure 5).

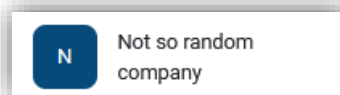


Figure 5: Account indicator button

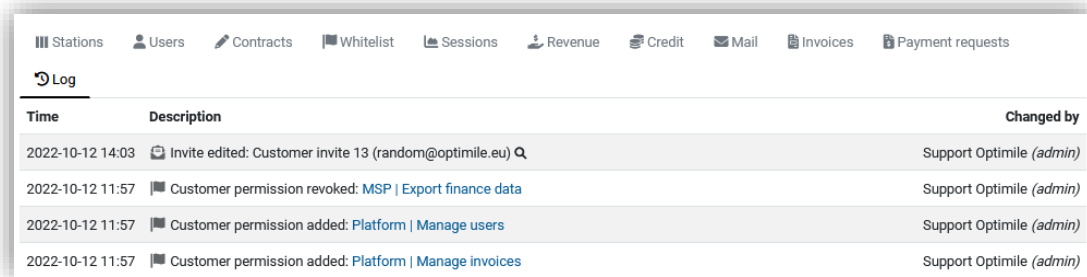
Depending on the permissions users have to certain companies, the menu, views and functionality will differ. For example, if the user does not have the Access MSP permission, the Mobility section will not be displayed to the user.

Platform administrator view – customer log tab

The customer log tab (e.g. <https://xxxx/co/admin/customers/92/#/log>), now also includes the following data:

- Creation of external user invitations
- Permissions changes for an existing invitation
- Invitation acceptance / expiration
- Permissions changes for external users

This enables platform administrators to analyse permission-related issues more in depth.



Time	Description	Changed by
2022-10-12 14:03	Invite edited: Customer invite 13 (random@optimile.eu) 🔍	Support Optimile (admin)
2022-10-12 11:57	Customer permission revoked: MSP Export finance data	Support Optimile (admin)
2022-10-12 11:57	Customer permission added: Platform Manage users	Support Optimile (admin)
2022-10-12 11:57	Customer permission added: Platform Manage invoices	Support Optimile (admin)

Figure 6: Platform admin log example including permission changes and invitation updates

The **end-user** and **platform admin permissions** have gone through **important changes (refer to table on next page)**. The admin changes (which can be assigned to a platform admin user through the Django administration UI), have been adapted to resemble the name changes of the user permissions:

New permission name	Old permission name	Allows for
Account administrator	<i>Manage users</i>	<ul style="list-style-type: none"> Full access to account (Administration section). The user will be able to read and change the account details, preferences and users. Additionally, the user with the Account administrator permission will be able to access and adapt the Mobility - Budgets, - Contracts and - Charging cards sections.
Finance management	<i>Manage invoices</i>	<ul style="list-style-type: none"> The user gets access to the Finance section and its subsections. Note: in order to access the Credit subsection, the Access MSP permission is also required.
Access CPO	<i>Access CPO</i>	<ul style="list-style-type: none"> Grants access (read-only) to the Charging points section of the platform and allows the user to export data. This does not include the whitelist and split billing sections as these require separate permissions.
Manage charging tariffs	<i>Set pricing</i>	<ul style="list-style-type: none"> Allows the user to configure and edit charging device tariffs.
Manage whitelist	<i>Manage whitelist</i>	<ul style="list-style-type: none"> Grants the user access to the whitelist and allows the user the add/remove whitelist entries.
Remote operation of charging devices	<i>Remote operation</i>	<ul style="list-style-type: none"> Allows the user access to the Operation tab of a charging device (e.g. https://xxx.be/co/customer/devices/1/#/operation) and allows them to execute the available remote operation commands. Note: not all devices support remote operation, this depend on the charging device and protocol settings. Further more remote operation must be enabled within the device contract.
Manage charging devices	<i>Manage devices</i>	<ul style="list-style-type: none"> Allows the user to read and configure most settings and data on charging station and charging device level. This also grants the user the ability to register new charging stations and devices. Grants the user read access to the charging device contracts.
Manage split billing		<ul style="list-style-type: none"> Grants the user access to the Split billing section. Allows the user to create new split billing invitations and edit existing split billing contracts.
	<i>Manage contracts</i>	<ul style="list-style-type: none"> Functionality moved to the Manage charging devices permission.
Access MSP	<i>Access MSP</i>	<ul style="list-style-type: none"> Grants the user access to the Mobility - Charging map and - Activity sections.