

# DeliverONE

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**DeliverONE** is a file transfer service designed by Alessandro Mancini during the 15<sup>th</sup> Italian winter Antarctic campaign. The particular geographical location of Concordia Station (75° 05' 59.91" S, 123° 19' 57.38" E) does not allow having a reliable Internet service and transmission of large files can be tricky.

This service allows the staff of Concordia Station to upload files of any size by using a minimal and intuitive web interface. The system will send the files via the satellite Internet connection at low speed and restoring automatically if interrupted.

Once the data has been sent, you will receive a confirmation by email.

## Service use

The service can be used from any computer and smartphone or tablet connected to the data or wireless network of Concordia Station, by the address <http://deliverone.concordiastation.aq>

Since the web interface is very intuitive, this document contains an overview of the operations that can be made.

## Registration and password recovery

In order to use the service you need to register. This operation must be done only on first use.

Click on **Sign Up** icon and fill the form with your name, Concordia email address and a secondary email address. The secondary address is used in case you do not have access to [@concordiastation.aq](mailto:@concordiastation.aq) account.

Your password is sent within a short time. It is not possible to register again in case you no longer remember your login credentials. You need to get a new password, just click on the **Lost password** button.

## Sending files

Please log in. From the main page click the Browse button and select the file to be transmitted. Then click Upload. Multiple files can be added by repeating the same step.

Only some types of files are accepted:

- archive (.dmg, .gz, .rar, .tar, .tgz, .zip)
- documents and text (.doc, .docx, .pdf, .txt)
- multimedia (.m4a, .mp4, .mov)
- pictures and photos (.jpeg, .jpg, .png, .tif)
- presentation (.ppt, .pptx)

- spreadsheets (.xls, .xlsx)

If you want to send a different type-file, it is possible to create a Zip archive using a compression utility. You can also use a smartphone or tablet and send pictures or other files directly from the mobile device.

After uploading all the files, it is possible to add a text message. This message is optional and will be shown in the notification email sent to the recipient.

Finally, fill in the email field with the recipient's address. Multiple email addresses separated by commas are allowed, in this way the system carries out a single transmission by the slow satellite link, saving bandwidth.

When finished, click **Start transfer** to complete the file transfer.

## Email notification

An email is sent to the recipient when the files are ready for download. The email message contains a link that allows downloading via the web.

Similarly, a confirmation email is also notified to the sender, to indicate that the files are ready and that the transmission via the slow satellite link has been successfully completed.

The web link is valid for only 7 days, after that time the files copied to DeliverONE are automatically deleted and will no longer be available.

## Technical support

For further support, refer to the IT service of Concordia Station.