



**Astrium GEO-Information Services  
Use of ASPERA Connect to Access  
TerraSAR-X Services Data**

## 1. Common

For accessing and downloading of TerraSAR-X Services data either FTPS or Aspera Connect can be used. Especially on long distances the Aspera Connect solution will speed up the download times extremely. This manual describes only the use of Aspera Connect.

### 1.1. Network Settings

The Aspera Connect client establishes a connection to TerraSAR-X Services download servers by opening up a communication on port 22 (TCP). After the authentication and the selection of the files to be downloaded the data transfer is done using port 33001 (UDP).

So please, have these ports opened up in your site firewall or your socks proxy server for outgoing traffic:

- 22 TCP
- 33001 UDP

If you are not sure about the network configuration, please contact your local network administrator regarding this point.

### 1.2. Supported Operating Systems and Browsers

Currently, the Aspera Connect Plugin is available for the following Operating Systems:

- MS Windows 2000, XP, 2003, Vista
- PowerPC-based and Intel-based MAC
- Linux (Red Hat, Debian)
- Solaris
- FreeBSD

And the corresponding web browsers:

- Windows: Internet Explorer and Firefox
- MAC: Safari and Firefox
- Linux: Firefox



## 2. Installation of Aspera Connect Plugin

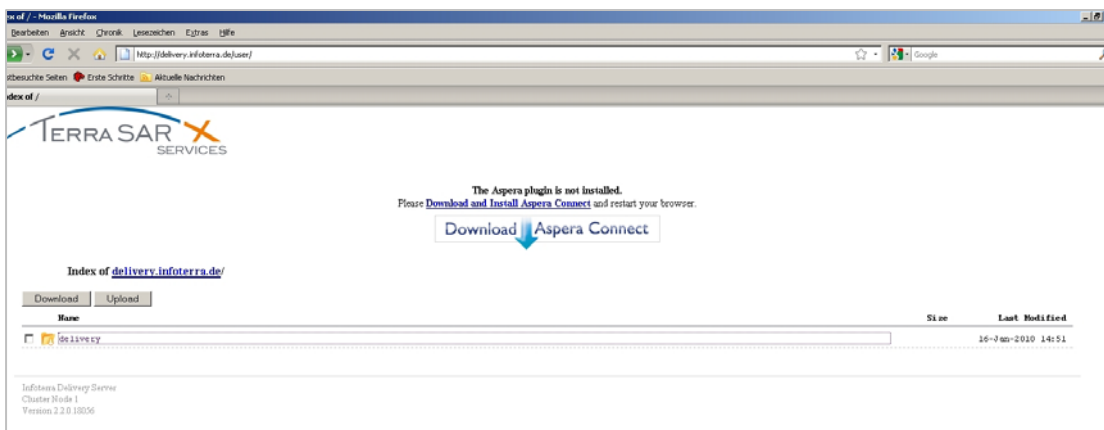
For the connection to the TerraSAR-X Services delivery server, please use one of the following URLs:

<http://delivery.infoterra.de>

[http://www.asperasoft.com/en/products/client\\_software\\_2/aspera\\_connect\\_8](http://www.asperasoft.com/en/products/client_software_2/aspera_connect_8)

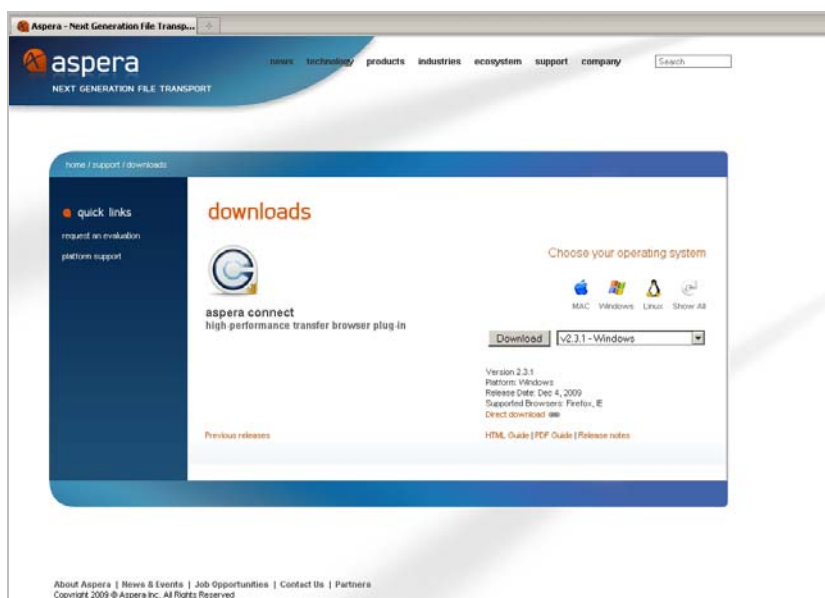
The system will prompt you for a login with username and password. Please use the login data provided to you by Astrium GEO-Information Services.

When you have logged in for the first time, the installation of the Aspera Connect plugin is requested by the system:



Necessary steps are:

- Click on "Download Aspera Connect", which will direct you to the Asperasoft download page
- Download and install the plugin, which supports your platform and browser type



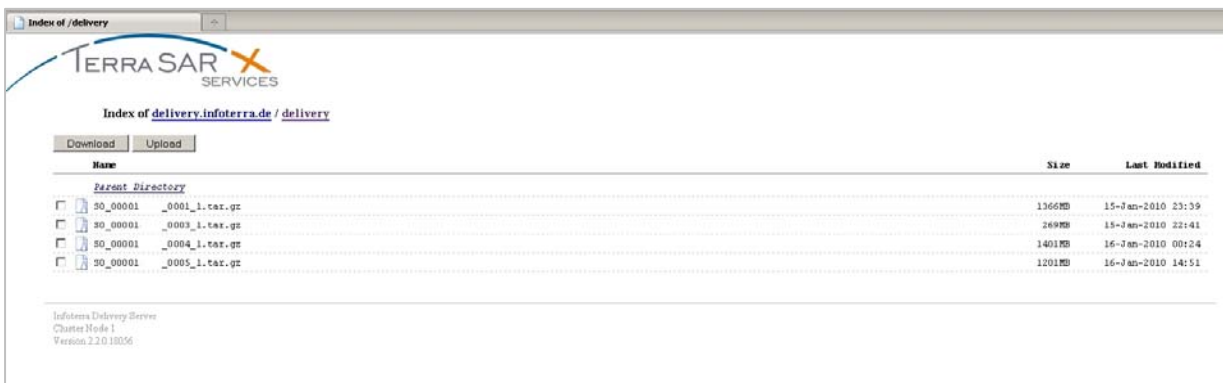
- Restart your browser as requested by the setup routine
- Re-login to TerraSAR-X Services download server

Please note: if you are using MS Internet Explorer you may be asked to accept Active-X plugins. This will be indicated by a yellow bar on the top of the page and you have to accept this Active-X component to get Aspera Connect running.

### 3. Download of TerraSAR-X Services Data

After having logged in again, you can access the “delivery” folder on the bottom of the page and download your desired file by simply clicking on the “Download” button.

You will be prompted for a location, where to save the file and for an additional login for each download. This is due to the fact, that every single download is encrypted with a different key.

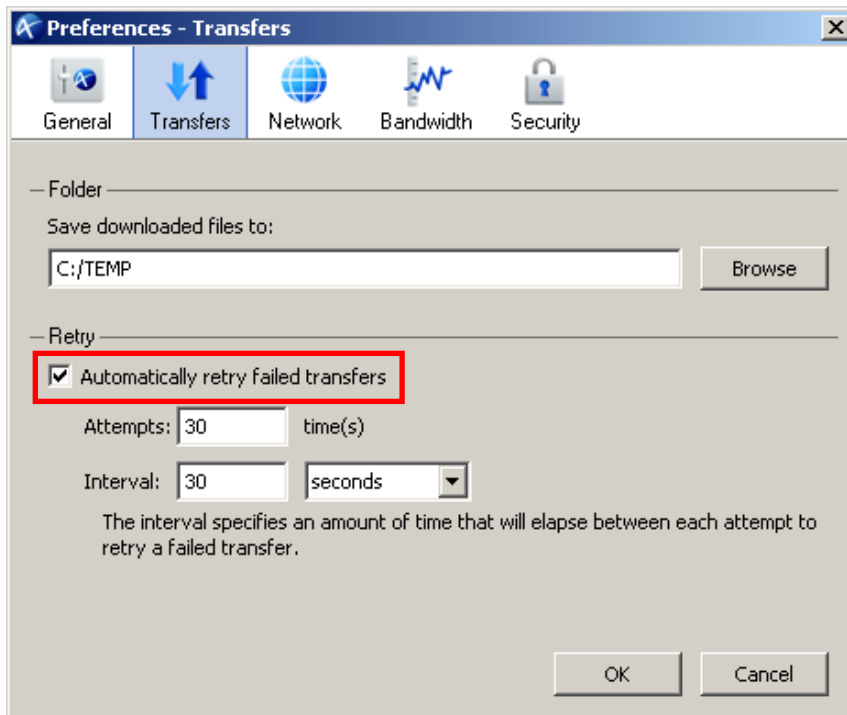


## 4. Troubleshooting

### 4.1. Activate the automatic retry for failed transfers

On Windows an Aspera icon is displayed in the notification area. This is located right on the bottom of the desktop.

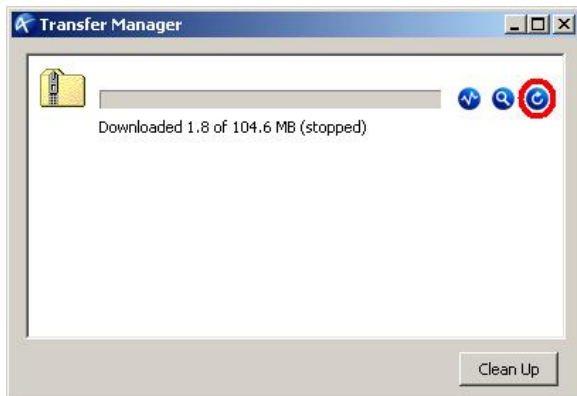
- Right-click the symbol and choose "Preferences..."
- Choose the "Transfers" Tab



Activate and configure the “automatically retry for failed transfers” as shown in the picture above.

## 4.2. Manual retry for failed transfers

After a download has failed you can resume it by pressing the marked button:



### Astrium GEO-Information Services

Infoterra GmbH  
88039 Friedrichshafen | Germany

[contact@astrium-geo.de](mailto:contact@astrium-geo.de)

[www.astrium-geo.de](http://www.astrium-geo.de)

