

How to transfer DDRS XML data files to PSA/NPD

Two options have been made to transfer data from the operator company to PSA/NPD. Both options will ensure a safe and secure data communication.

1. WebForm.

A web application will be available at NPD/PSA home page.

First you will be asked for a password that is generated synchronously by a token and the server at PSA/NPD. Every user of the WebForm is supplied with one token, typically 1-2 for each company. Together with the password a username has to be given.

Then the main WebForm shows up. This allows the user to browse for a file on the local network, and upload this to CDRS. Depending on successful loading or not, different messages will be given. A unique uploading identification number is given if the loading is successful. This number can later be used as documentation for successful loading.

The SSL (Secure Socket Layer) protocol is used as a security mechanism for encrypting the data throughout the whole WebForm session.

2. WebServices

For companies that want to fully automate the transfer process, a webservice has been made. This is a program to program communication between PSA/NPD and oil company that requires programming. The programming interface for the webservice (wsdl) is available at the project website "TRoom", or by request.

The webservice will require that a certificate is issued by PSA/NPD to the oil company, and that this certificate is stored on the server that is used for sending the data. This certificate will be valid for one or more years at the time. The certificate ensure authentication (that the user really is the user he is intending to be).

A receipt object is return from the webservice, containing the result of the loading. This object will have an identification number (see Webform) if successful loading, or a list of error messages if something went wrong in the loading process.

The SSL (Secure Socket Layer) protocol is used as a security mechanism for encrypting the data throughout the whole webservice session.

The webservice will be set up to support both the programming environment for both Java and Microsoft. The above information is relevant for the production environment.

More information about both options will be made available on request to hans.stokka@npd.no or jonas.stokka@psa.no