

How to send REMIT data to the Agency

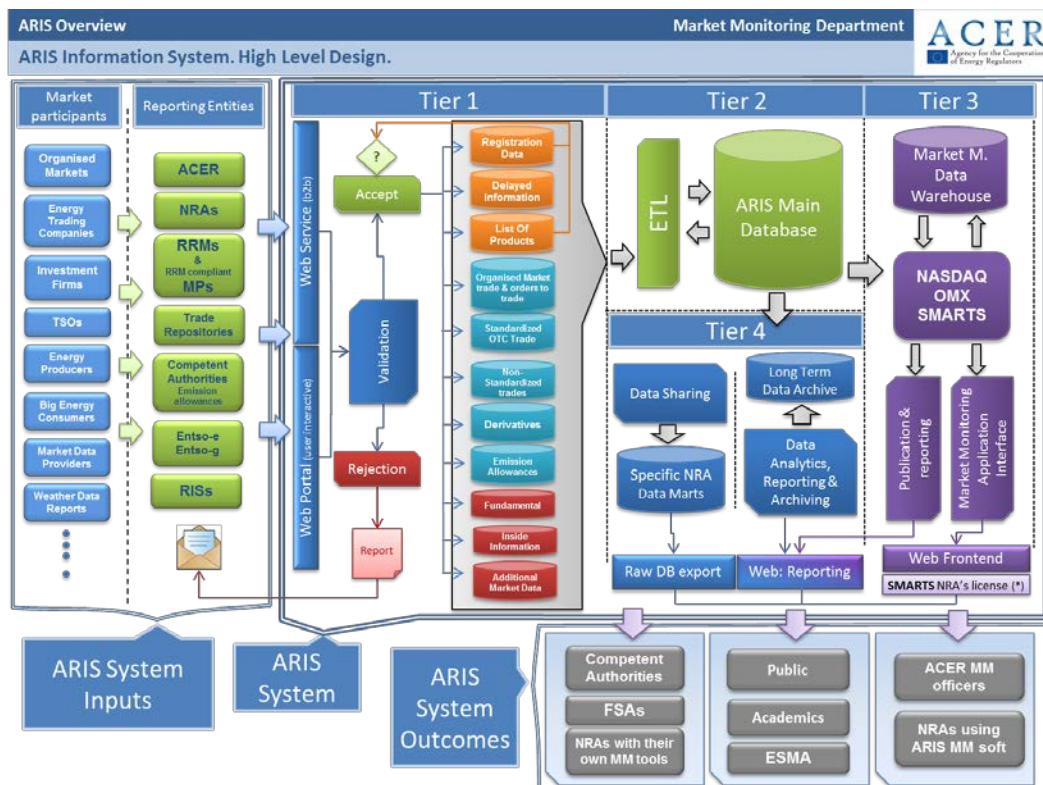
Reporting entities who comply with the RRM requirements defined by the Agency shall be registered by the Agency.

The trade and fundamental data reporting under REMIT will be done through the Agency's REMIT Information System (ARIS). ARIS is the Agency's IT system for collecting data, sharing data with NRAs and other authorities, and monitoring trading activities in wholesale energy products with the aim to detect and deter market abuse in forms of insider trading and market manipulation, including attempted market manipulation.

The first tier of ARIS, TIER 1, is the data collection and reporting system. Reporting format, channels and times need to be set by the European Commission with the Implementing Acts envisaged according to Article 8(2) and (5) of REMIT.

It is currently being considered that the three options for provision of XML files (Web GUI, Web Services, SFTP) will be available for ARIS production, without exceptions for any of the actors. No single and/or specific method is obligatory for any of the reporting entities.

The high level design of ARIS is provided in the below picture:



More detailed specifications of TIER 1 interfaces and such details as communications and security protocols are to be included in the Technical specifications for RRM.

Please also refer to relevant chapters of the Transaction Reporting User Manual (TRUM), available here [\[insert link\]](#)

Data submission channels

ARIS has three communication channels through which data can be submitted by external systems. These communication channels are:

- Interactive Web Portal
- Secure File Transfer Protocol (SFTP)
- Web Service

These are described in more detail in ANNEX below. Normally, a data provider is expected to use only one of these channels for all data submissions. Nevertheless it is possible to use a combination of several channels if necessary.

Subject to service outages, the interfaces are available 24x7. Standard housekeeping activities, such as backups are scheduled on a regular basis and may limit the availability of a particular interface.

Operational reliability

In accordance with Article 12 of REMIT, the Agency shall ensure the confidentiality of the information received. The Agency shall take all necessary measures to prevent any misuse of, and unauthorised access to, the information maintained in its systems and shall identify sources of operational risk and minimise them through the development of appropriate systems, controls and procedures.

In accordance with Article 12 of REMIT, the Agency has developed technical and organisational requirements for the submission of fundamental data in order to ensure efficient, effective and secure exchange and handling of information.

These requirements will define mechanisms:

- (a) to ensure the security, confidentiality and completeness of information,
- (b) to identify and correct errors in data reports,
- (c) to authenticate the source of information,
- (d) to ensure business continuity.

Reporting entities and third parties reporting on their behalf who comply with the requirements will be registered by the Agency. The more detailed description of the requirements can be found in *ACER Requirements for Registered Reporting Mechanisms (RRM)*.

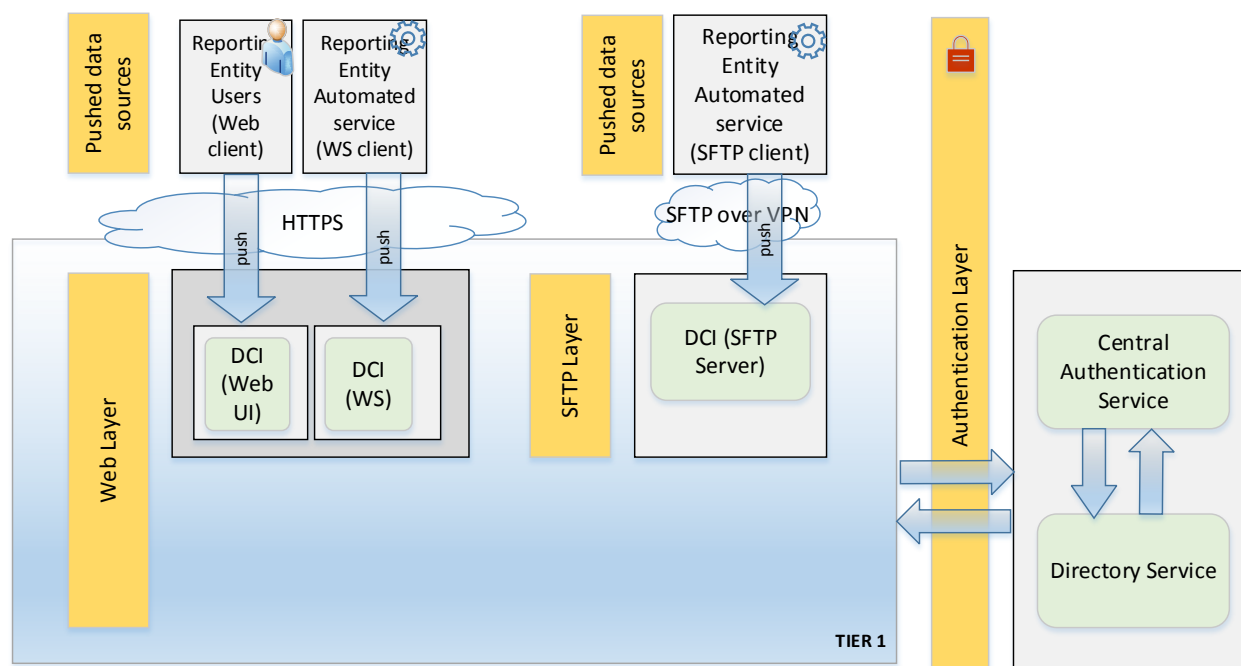
RRMs will submit trade and fundamental data records to the Agency in accordance with the technical standards, and as further defined in *ACER Technical Specifications for RRM*s. They

shall be responsible for defining the reporting process that each market participant, if applicable, will follow to report fundamental data to them.

ANNEX: DATA SUBMISSION CHANNELS

Interfaces

High level design of the ARIS Data Collection Instance (DCI) module is depicted below:



DCI Web UI

The web interface provides an interactive portal for reporting entities to be able to upload data and obtain data receipts.

This interface is used by RRM for managing and monitoring of their reporting obligations and is a mandatory interface to be enabled for all RRM.

DCI Web Service

The ARIS web service is a Simple Object Access Protocol (SOAP) compliant web service, which uses the Web Services Description Language (WSDL) to define a data transfer protocol to allow reporting entities to upload files for data submission and download data receipts from ARIS.

DCI Secure File Transfer Protocol

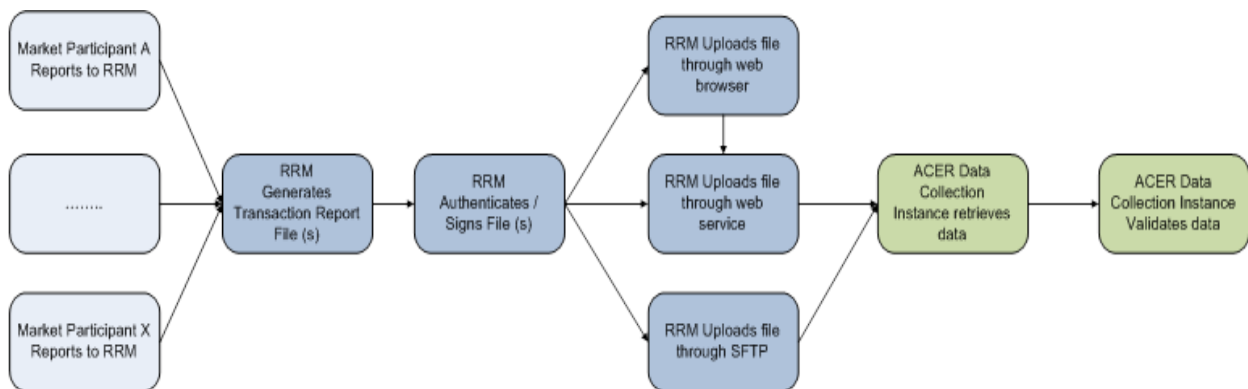
The secure file transfer protocol implementation allows transfer of between the reporting entity and ARIS through the secure shell (SSH) implementation.

The network protocol allows file upload and download, allowing reporting entities to upload file submissions to ARIS and download data receipts from ARIS.

1. Data submission process

1.1. Inbound data flow

At least 1 file shall be submitted by the RRM containing the data being reported. If a RRM has no data to report, then no submission is required; however, a submission with no entries is also accepted.



1.2. Outbound data flow

ACER shall produce a receipt for each report file submitted by a reporting RRM.

Receipts will be issued to confirm acceptance/rejection of the submitted file as well as every particular logical record (e.g. transaction, order) within the file.

