Data Submission under REMIT

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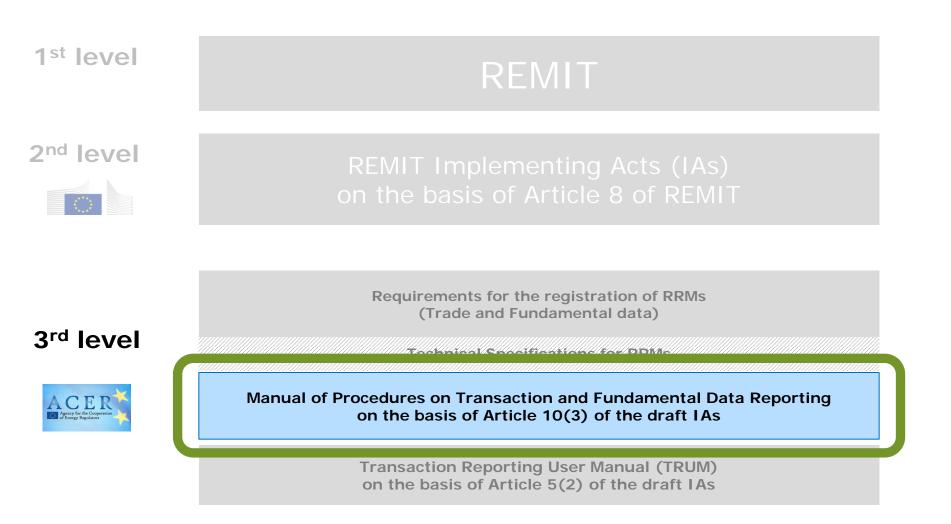
1. Data Submission Channels

2. Data Validation

3. Data Integrity

1ˢᵗ level

REMIT

2ⁿᵈ level

REMIT Implementing Acts (IAs)
on the basis of Article 8 of REMIT

3ʳᵈ level

Requirements for the registration of RRMs
(Trade and Fundamental data)

Technical Specifications for RRMs

**Manual of Procedures on Transaction and Fundamental Data Reporting
on the basis of Article 10(3) of the draft IAs**

Transaction Reporting User Manual (TRUM)
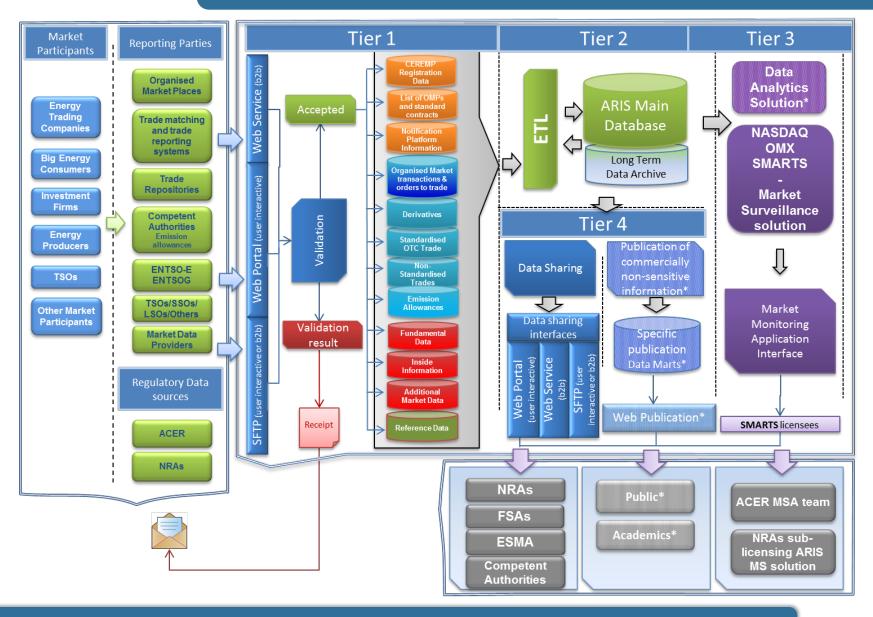on the basis of Article 5(2) of the draft IAs

"The Manual covers the procedures, standards and electronic formats for both transaction reporting according to Article 6 of the Commission's implementing acts and for fundamental data reporting according to Articles 8 and 9 of the implementing acts. In particular, the document will include information on the <u>data submission channels</u>, <u>the data validation rules</u> and the <u>XML-schemas</u> to be used for the reporting."
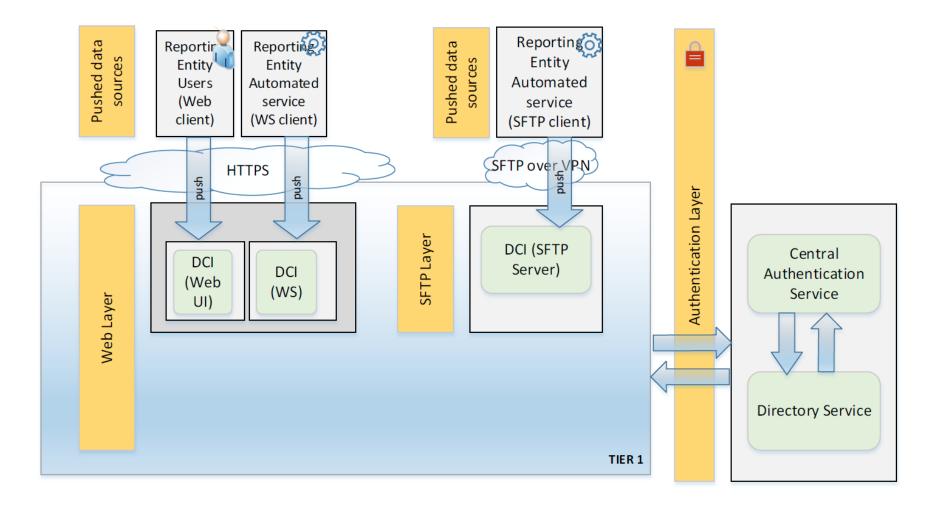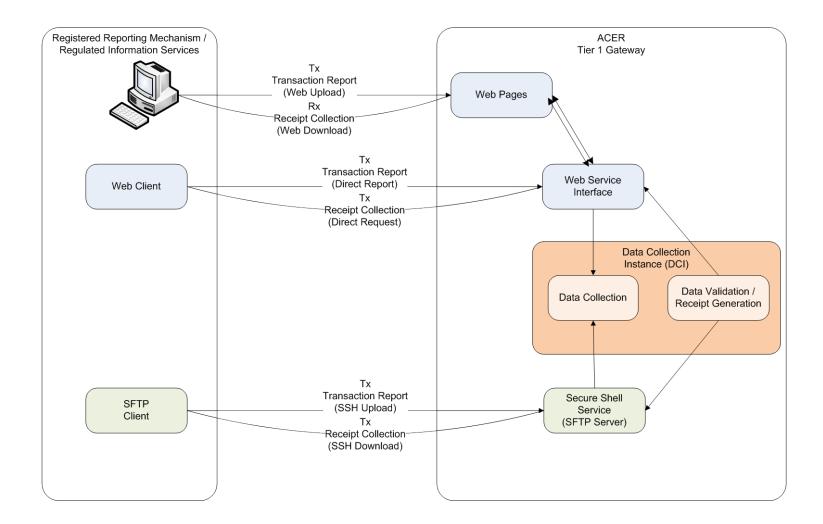
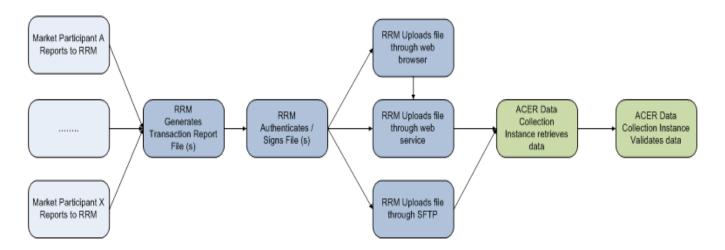Extract from the Draft Document

Data Submission Interfaces

Three interfaces are available for the provision of XML files:

- Web GUI

    » Mandatory interface for all RRMs
    » Interactive portal to upload data and obtain receipts

- Web Services

    » Simple Object Access Protocol (SOAP) compliant web service
    » Web Services Description Language (WSDL) used to define a data transfer protocol

- Secure File Transfer Protocol (SFTP)

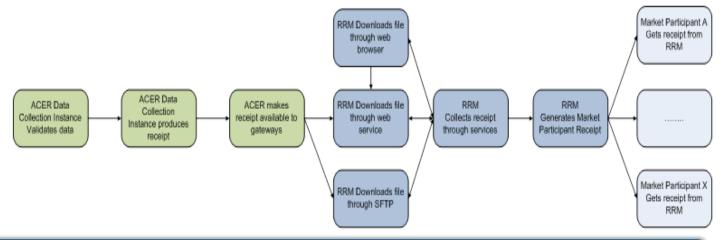   » Allows for data transfers between RRMs and ACER via the secure shell (SSH) implementation

Subject to service outages and planned maintenance activities, the interfaces are available 24/7

Inbound Data Flow

Outbound Data Flow

1st Step

Data submitted to ARIS by reporting entities must:

- Comply to the File Naming Convention
- Be correctly formatted in accordance to the XSD schema for the submitted data type
- Be correctly signed and encrypted

2nd Step

- Content validation based on a set of pre-defined business rules

Output

- Receipt **(validated)**
- Receipt **(invalid or rejected)** - where validation fails or integrity cannot be confirmed
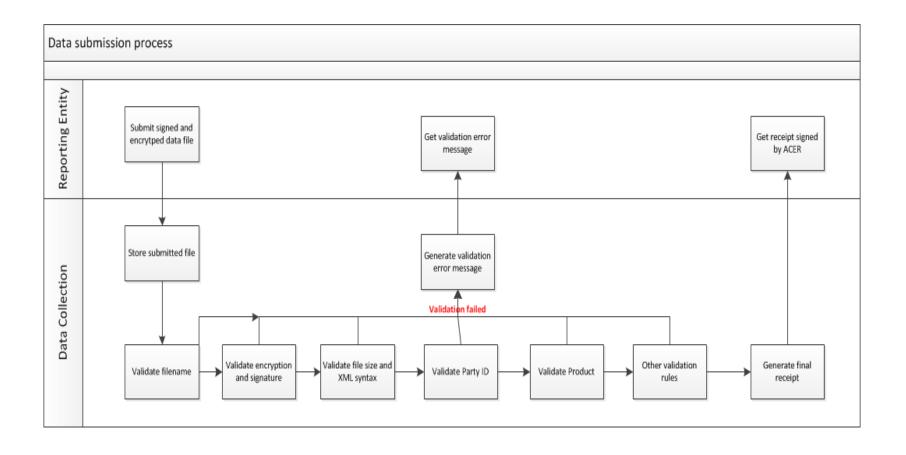
Receipts are descriptive and informative in the case of errors for allowing better handling from the reporting entities and ultimately the MPs

Error code	Error message
R1CTCITRAIDE	Transaction does not reference an existing Contract
R2CTCIOMPUNQ	Duplicated contract in Contract List
R2CLTDTOT	Transaction time greater than last trading time
R2CLTDTDSTOT	Transaction time greater than contract delivery start date
R2TRTDCONDED	Trade termination date greater than contract delivery end date
R5CTCIDLCUNQ	Contract with same identifier overlaps previous contracts
R6CLTDTCDST	Contract last trading time greater than contract delivery start date
R1CDUTIDRCIMPDTUQ	Duplicated trade: a trade with same UTI, ContractID, Organised Market Place Identifier, TransactionTime[Day] and Market Participant Identifier already exists

R1REOMPCON	Invalid Id of Market Participant
R1REOTHMPCER	Invalid Id of other Market Participant
R1REPENTCON	Invalid Id of Reporting Entity

To ensure accuracy and completeness of the data, reporting entities must have appropriate systems and controls in place to enable them to comply with their regulatory obligations.

The Agency defines the standards to be adhered to via:

- Registration Requirements for RRMs *(public)*
- Technical Specifications for RRMs
    (acquired only after identification and NDA signature steps of the RRMs Registration process are completed successfully)

Data Integrity is specified in these documents.

Data Integrity will be ensured by digital signature of the reports sent by the RRM. ACER will be issuing digitally signed receipts for every report.

Data integrity will be preserved in the following way:

- On the Agency's side the RRM's electronic signature of the submitted file will guarantee that it is always possible to verify the integrity of the reported data and the source of the data, provided that the submitted file and public PGP key of the reporting entity are kept.

- On the RRM's side the Agency's electronic signature of the receipt issued for a submitted file will guarantee that it is always possible to verify the integrity of the reported data, provided that the original file, the receipt and the public PGP key of the Agency are kept.

Thank you for your attention!

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