

Changes in automatic communication - CIM

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# Change in services

The following changes are implemented due to the transition from ETSO to CIM standard:

* Service ETSO ScheduleService is replaced by service CIM ScheduleMarketService. This service is returning only technical response RETURN\_CODE
* Service ETSO StatusRequestService is replaced by service StatusRequestMarketService. This service is returning only technical response RETURN\_CODE
* Service ETSO ScheduleCallbackService is replaced by service CIM ScheduleMarketCallbackService (it is a service on a Market Participants´ side for Server-Server communication)
* New service StatusRequestMarketCallbackService to get an answer to StatusRequest. (it is a service on a Market Participants´ side for Server-Server communication))
* Existing Service CommonMarketService to retrieve messages in Client-Server communication is now returning CIM messages

## ETSO ScheduleService -> CIM ScheduleMarketService

Current **synchronous service call** to send ScheduleMessage



is replaced by an **asynchronous service call** ScheduleMarketService



This service is fully asynchronous (response is only technical RETURN\_CODE). Current synchronous AcknowledgementDocument (in CIM standard it is referred to as Acknowledgement\_MarketDocument) is delivered to the new callback service ScheduleMarketCallbackService on Market Participants´ side (Server-Server model), or standard CommonMarketService (Client-Server model) can be collected.

## ETSO ScheduleCallbackService -> CIM ScheduleMarketCallbackService (Server-Server)

**Current callback service call** ScheduleCallbackService



is **replaced by a new service call** ScheduleMarketCallbackService



This service will be used to deliver Confirmation\_MarketDocument and/or AnomalyReport\_MarketDocument and/or Acknowledgement\_MarketDocument, which are now provided in synchronous mode as answers to ScheduleService.

## ETSO StatusRequestService -> CIM StatusRequestMarketService

Current **synchronous** service call StatusRequestService



is replaced by an **asynchronous service call** StatusRequestMarketService



AcknowledgementDocument, CapacityDocument, AnomalyReport, and ConfirmationReport are in the ETSO service and returned synchronously as a response. In the CIM service, these documents will be delivered asynchronously based on the CIM StatusRequestMarketCallbackService (Server-Server model) or can be collected in the client-server model with the standard service MarketCallbackService.

## CIM StatusRequestMarketCallbackService (Server-Server)

It is a new service to deliver response on StarusRequest in the Server-Server model.



## CommonMarketService (Client-server)

Standard CommonMarketService will be extended with CIM messages.



# Changes for Market Participant (Client-Server model)

* ETSO services ScheduleService and StatusRequestService **will be terminated**
* Market Participant shall call new services ScheduleMarketService and StatusRequestMarketService. **These services will now return only technical RETURN\_CODE**
* All documents (including Acknowledgement\_MarketDocumentu) need to be collected by a standard service call CommonMarketService
* Service CommonMarketService on OTE side will be extended with new CIM structures struktury. ETSO structures won't be returned.
* A new **form for automatic communication needs to be filled and submitted to OTE**, where it shall be provided that CIM messages will be collected in the Client-Server model.

# Changes for Market Participant (Server-Server model)

* ETSO services ScheduleService ScheduleCallbackService and StatusRequestService **will be terminated**
* Market Participant shall call new services ScheduleMarketService and StatusRequestMarketService. **These services will now return only technical RETURN\_CODE**
* **2 new callback services - ScheduleMarketCallbackService and StatusRequestMarketCallbackService need to be implemented** by a market participant. The CIM messages will be delivered to these services.
* A new **form for automatic communication needs to be filled and submitted to OTE**, where it shall be provided that Server-Server communication is requested and **endpoints for new CIM callback services shall be provided**. (It can be just one endpoint.)

# Technical details

## WSDL

WSDL for new CIM services (both standard and callback) is available at:

<https://www.ote-cr.cz/en/documentation/electricity-documentation/documentation-for-sandbox-with-15-min-period?set_language=en>

**URL of CIM services for SANDBOX2 environment on OTE side**

|  |  |
| --- | --- |
| Service | URL |
| CIM ScheduleMarketService | <https://csote.isotetest.ote-cr.cz:1443/KSX/cimScheduleMarketService> |
| CIM StatusRequestMarketService | <https://csote.isotetest.ote-cr.cz:1443/KSX/cimStatusRequestMarketService> |

**URL of CIM services for PRODUCTION environment on OTE side**

|  |  |
| --- | --- |
| Service | URL |
| CIM ScheduleMarketService | <https://market.ote-cr.cz/KSX/cimScheduleMarketService> |
| CIM StatusRequestMarketService | <https://market.ote-cr.cz/KSX/cim>StatusRequestMarketService |