

M129: from version 201901 to 202602

Technical support documentation

This document describes, for the M129 Export Shipment Information message, all the difference between versions 201901 (current production) and 202601 (proposed). Suggestions for testing compliance and how to go live are also available.

Note that the 202602 version is currently a proposed version, and Portbase is actively soliciting feedback. This also means it is possible that the definitive version of 202602 may change. For how to submit feedback, as well as motivation for these changes and the timelines, please see the mail communication about this proposed change.

Note about message identifiers

When making earlier changes, Portbase has noticed that some recipients did not accept messages where the content of the tags

`StandardBusinessDocument/StandardBusinessDocumentHeader/DocumentIdentification/InstanceIdentifier` and `StandardBusinessDocument/documentContent/contentHeader/contentReference` (which have the same value) exceeded the length of 35 characters. Portbase currently ensures that message identifiers M129 messages do not exceed 35 characters.

However, according to the 201901 M129 standard (which refers to the 2.2 version of the `StandardBusinessDocument` specification), a length of up to 40 characters is allowed. With the introduction of M129 version 202602, Portbase may be using these 40 characters, so any restrictions recipients may still have should be lifted. For clarity, this limit has also been explicitly mentioned in the 202602 version of M129.

Changes between 201901 and 202602

The M129 specification is largely unchanged between these versions, and the XML structure remains mostly intact. The differences between these versions are all in the message body:

1. Under `StandardBusinessDocument/documentContent/contentBody/bookingResults`, the tag `sequenceNumber` has been removed. The order of messages can still be determined by using `StandardBusinessDocument/DocumentIdentification/CreationDateAndTime`.
2. Under `StandardBusinessDocument/documentContent/contentBody/bookingResults/equipment`, the tags `equipmentGrossWeight` and `weightUnit` have been removed.
3. Under `StandardBusinessDocument/documentContent/contentBody/bookingResults/equipment/document`, the tags `shipmentGrossWeight`, `shipmentPerEquipmentGrossWeight` and `weightUnit` have been removed.
4. Under `StandardBusinessDocument/documentContent/contentBody/bookingResults/equipment/document`, the tag `documentRegisteredDate` has been added.
5. Under `StandardBusinessDocument/documentContent/contentBody/bookingRes`

ults the tag equipment may now also occur 0 times. This indicates there are currently no equipments known for that booking reference number, for instance when all documents with that equipment/booking reference number on it have been removed. In 201901, it was required to always send at least one equipment, and in these cases some removals were never communicated.

Note: In 202601, we proposed to remove the tag agentCode . Based on feedback, we have decided to keep this field as it was in 201901. The main reason for this is that it is also a required field in the M128 messages.

Migration and testing

Compatibility with version 202602 can be tested by consuming the following messages (delivered along with this document):

1. M129 v202602 message 1.xml – this message contains a single equipment with a single document
2. M129 v202602 message 2.xml – this message contains multiple equipments with one or more documents
3. M129 v202602 message 3.xml – this message contains zero equipments

Compatibility with version 201901 can be tested by consuming the following messages (delivered along with this document). These are the same messages as provided with the 201901 version of the specification:

1. Example M129 - Export shipment subscription - XML (out) one equipment.XML
2. Example M129 - Export shipment subscription - XML (out) many equipments .xml

Since the 202602 version is very similar to the 201901 version, and mostly removes existing fields, it will be possible to update the receiving software so that it is aimed at the 202602 version while also still supporting the 201901 version, ignoring the additional fields still in that version. Recipients can test this by making sure all five of the above messages are handled correctly. This allows recipients to go live before Portbase starts sending 202602 documents in May 2025, and Portbase recommends all recipients to follow such an approach.