

# **OGW Service 11: VFDESendDocument**

OSF

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## 1 Description

The SendDocument service provides the ability to initiates the OM to process a communication

## 2 Assumptions

1. Document type 5291\_ExternalPdf\_Email is the only one which could be raised by Omnis to OGW
2. The sender element is not provided by OGW - Determination in Output Management based on customer data
3. Dyna will send the content of the attachment encoded base64
4. All the data will be provided by Dyna – OGW will not enrich the data by CDM content
5. Dyna will send the attachment. The email content text is under OM responsibility

## 3 Input

### 3.1 VFDESendDocumentInputType

Name	Type	M/O	Description
Event	<a href="#">vfdecommon:VFDECommonEventType</a>	M	
DATA	<a href="#">VFDESendDocumentInputDataType</a>	M	Wrapper element for input

### 3.2 VFDESendDocumentInputDataType

Name	Type	M/ O	Description	Special instructions
CommunicationType	String	M	Output channel of communication	Supported values:  Email Sms
Client	String	M	This element marks the client to which the customer is related to. Generally, this element can influence the whole workflow control, for instance the choice of the layout or the communication channel (different print service provider). Mostly it only controls the rendering and post processing while the workflow for the client is mostly identically.	Supported values:  MMO => Mobile-Prepaid MMC => Mobile-Credit VR => Festnetz (Standard) A => Festnetz (alt Arcor) KD => VF Kabel Deutschland  Assumption: For wave 1 this field should be populated according to the new product bought  OI: For wave 2: What if it is a bundle order?
UseCase	String	M	Indicates in which step the document is sent  Supported values:  OSF-CallSummary OSF-OfferSummary <b>OSF-InfoSummary</b>	

Name	Type	M/ O	Description	Special instructions
Archive	String	M	<p>Archiving of document.</p> <p>Note: The non-archiving of new customers is achieved through the dummy BAN.</p> <p>This element controls whether the document has to be archived (archiving = true, no archiving = false). In the case of archiving it depends on the target archiving system whether the rendering process will be executed again to create the document in the specific archive format (at Arcor AFP) with necessary meta information (at Arcor TLE). Afterwards ar:archive controls the output to the archiving system.</p>	<p>For wave 1 populate it with false</p> <p>OI: For wave 2</p>
ExternalID	String	M	<p>Unique-ID of the communication order in the third party system.</p> <p>Used by OM only for reporting and as reference in the callBackService.</p> <p>This is a key to identify the source system of a communication order. It can be useful to create a unique filename for the target document. The source system is responsible for the uniqueness, not the OM. So the OM expects that further transfers of the externeld is explicitly wanted by the source system for instance to overwrite an output document.</p>	<p>For documents on order level should be the OGW Order ID.</p> <p>For messages in order line level should be a concatenation of the OGW Order Id and OGW order line ID</p>
CustomerType	String	M	Define if Private or SOHO customer	Valid Values: P for Private S for SOHO
CustomerId	String	M	CCB-CustomerID or KIAS-BAN or VKD-	Populate the legacy cust id for which the

Name	Type	M/ O	Description	Special instructions
			<p>CustomerNumber (Cable)</p> <p>VKD Customer numbers have the length of 9 or 13 digits</p> <p>Communication requests without customer number are always made invalid and lead to business errors.</p> <p>For new customers the dummy customer number (00000000) [9 x0] must be passed.</p>	<p>new product was purchased</p> <p>Ol:</p> <p>For wave 2 what should be passed for Linked account?</p>
LineOfBusiness	String	O	Line Of Business	<p>Supported values: Cable, Mobile_Prepaid, Mobile_Postpaid, DSL</p> <p>Populate the Line of business for which the new product was purchased</p> <p>Ol:</p> <p>For wave 2: What should be passed for Linked account?</p>
MSISDN	String	O	Subscriber's unique telephone number.	<p>Mandatory at KIAS customers.</p> <p>Empty for new mobile customers</p>
EmailAddress	String	M	Email address of the Receiver.	
EmailAddressCCList	<a href="#">EmailAddressType</a>	O	List of Email addresses of copy recipients. 0 to n.	
EmailAddressBCCList	<a href="#">EmailAddressType</a>	O	List of Email addresses of Bcc recipients. 0 to n.	
Salutation	String	O	Anrede (salutation) in Klarschrift (Plain text).	<p>Supported values: Firma Frau</p>

Name	Type	M/ O	Description	Special instructions
			I.E. Firma, Frau, Herr, Familie, Eheleute, Nachlass	Herr Familie Eheleute
Title	String	O	Subscriber address - title.  Academic degree	
AdditionalTitle	String	O	Additional title	
FirstName	String	O	Subscriber address - first name.	
LastName	String	C	Subscriber address - last name.	Either company name (Firmenname) or last name (Nachname) must be filled. Not both.
CompanyName	String	C	Subscriber address - business name.  Either company name (Firmenname) or last name (Nachname) must be filled. Not both.	
Epithet	String	O	Follows the company name  e.g.- FilialeMünchen	
LegalForm	String	O	Legal form of the company.  If not already included in the item "Company name".  In CCB legal form is filed isolated at corporate customers often.  Usually this is included in the item "company name".  e.g.-GmbH	
ContactFirstName	String	O	First name of the contact person	
ContactLastName	String	O	Last name of the contact person	
Street	String	O	Subscriber address - street name	
HouseNumber	String	O	Subscriber address - house number	

Name	Type	M/ O	Description	Special instructions
POBox	String	O	Subscriber - PO box	
ZIP	String	O	Subscriber address - postal code	
City	String	M	Subscriber address – city	If none real City exists, use the "DUMMY"-Value
Country	String	O	<p>Subscriber address - country name.</p> <p>If Germany can land remain empty, or the values of "Germany", "DE" or "DEU" included.</p> <p>For international addresses ISO2 or ISO3 -Ländercodes or the advertised country name must be handed over</p>	<p>* If Country is Germany then 'Land' can be empty or populated in f "Germany", "DE" or "DEU".</p> <p>* For any other other Country then 'Land' should be populated in Country Code or Country Name.</p>
SenderPhoneNumber	String	O	Hotline number which will be communicated to the customer for any queries	Mandatory when the UseCase is OSF-OfferSummary
BundleType –	String	M	Kind of Bundle Product	Supported values: GIGAKOMBI noGIGAKOMBI
OrderType -	String	M	<p>It should be calculated according to the products the customer has and is purchasing. Examples: DSLNew_MFNew is for a customer which is purchasing FN product and Mobile product.</p> <p>DSLold_MFnew is for a customer which already has a FN product and now is purchasing a Mobile product</p>	<p>Supported values:</p> <p>DSLnew</p> <p>DSLnew_MFnew</p> <p>DSLnew_MFold</p> <p>DSLold_MFnew</p> <p>DSLfromKABEL</p> <p>DSLfromKABEL_MFnew</p> <p>DSLfromKABEL_MFold</p> <p>KABELnew</p> <p>KABELnew_MFnew</p> <p>KABELnew_MFold</p> <p>KABELold_MFnew</p> <p>KABELfromDSL</p> <p>KABELfromDSL_MFnew</p> <p>KABELfromDSL_MFold</p>

Name	Type	M/ O	Description	Special instructions
				MF_new not_used
SmsNumber	String	O	Subscriber's mobile telephone number for receiving sms  E.g. 00491721234567	Mandatory case the type of communication Type is Sms.
OfferSummaryDate	String	O	Offer Summary Date E.g. „15.09.2016“	Mandatory case the type of communication type is Sms.
BounceInfoEmailAddress	String	O	E-Mail adress of the receiver of the bounce Information.  e.g. “backoffice@agenturXYZ.de”	
EmailAttachmentList	<a href="#">EmailAttachmentType</a>	O		List of attachments
WeblIdActionID	String	O	Relevant in case IdentMethod is Online	
WeblExpirationDate	String	O	Relevant in case IdentMethod is Online	
WeblUrl	String	O	Relevant in case IdentMethod is Online	

### 3.3 EmailAddressType

Name	Type	M/O	Description	Special Instructions
EmailAddress	String	M		

### 3.4 EmailAttachmentType

Name	Type	M/O	Description	Special Instructions
DocumentName	<b>String</b>	M	e.g. OrderSummary-XYZ.pdf	Name must be unique over all documents provided in a single request
DocumentFormat	String	M	Values according to XSD-Typ “DocumentFormat”: PDF, AFP, JPG...	For wave 1 Dyna to send PDF

Name	Type	M/O	Description	Special Instructions
DocinhaltBase64	base64Binary	M	Document content base64 encoded e.g.- VGVzdDEyMw==	
DocPosition	Number	O	Order of attachments in an email - if multiple email attachments provided. Lower numbers appear first	

## 4 Output

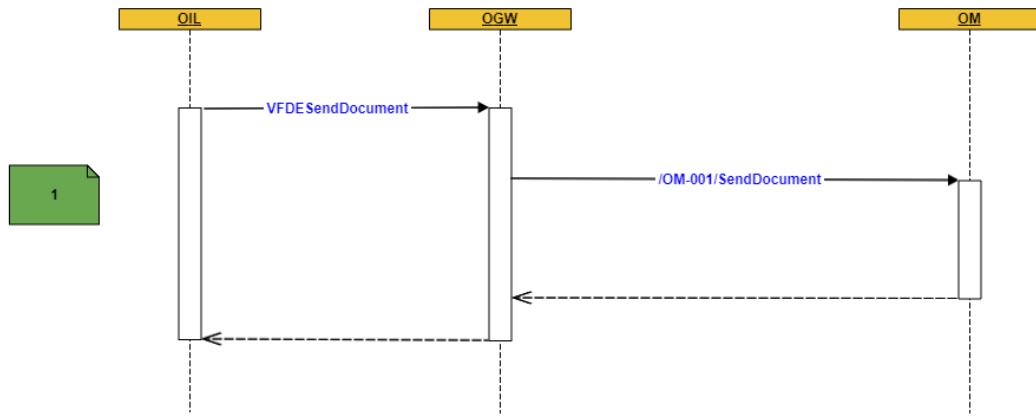
### 4.1 VFDESendDocumentOutputType

Name	Type	M/O	Description
Event	<a href="#">vfdecommon:VFDECommonEventType</a>	M	Wrapper element of applicative headers
DATA	String	O	
Status	<a href="#">vfdecommon:VFDECommonStatusType</a>	M	Wrapper element for status

## 5 Errors

Error ID	Description
OGWERR-8000	offerSummaryDate is mandatory for communication type = 'SMS'
OGWERR-8001	SmsNumber is mandatory for communication type = 'SMS'

## 6 Flow



Below Description of Above Flow:

1. The **SendDocument** webservice is called by Omnis, which invokes below:
  - o EGName: **VFDESendDocument**
  - o Operation Name: **SendDocument**
  - o Flow Invoked:
    - *vfde/sendDocument/VFDESendDocumentMain.xml*: Activities performed in this flow are as below:
      - Save Event Information, received from Omnis.
      - Call VFDESendDocumentSubFlow.xml to make the call to Legacy System
      - Handle any unexpected response within OGW and prepare Error Response.
    - *vfde/sendDocument/VFDESendDocumentSubFlow.xml*: Activities performed in this flow are as below:
      - OGW Calls OM SendDocument Service
        - o Input to OM variable: **OMSendDocumentRequest**
        - o Output from OM variable: **OMSendDocumentRespond**
        - o Print in Logs to see input in logs: "OGW Request for OMSendDocument service:"
        - o Print in logs to find response: "OMSendDocumentRespond ="
      - After receiving response from OM, OGW is Sending Success Response to OM without any Data.

## 7 Consumed services

Service	Link
APP-20098 : Output Management	<a href="https://vodafone.sharepoint.com/sites/C3-B2B-omteam1/DokSpez/OGW%20OSF/Forms/AllItems.aspx?viewpath=%2Fsites%2FC3%2DB2B%2Domteam1%2FDokSpez%2FOGW%20OSF%2FForms%2FAllItems%2Easpx">https://vodafone.sharepoint.com/sites/C3-B2B-omteam1/DokSpez/OGW%20OSF/Forms/AllItems.aspx?viewpath=%2Fsites%2FC3%2DB2B%2Domteam1%2FDokSpez%2FOGW%20OSF%2FForms%2FAllItems%2Easpx</a>