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1. DOCUMENT INFORMATION

1.1. About this Guide

This guide provides technical information about integrating Allianz eCommerce platform (eMAGIN) cancellation service within the Business partner's (B-Partner) environment.

eMAGIN uses XML request and response messages which can be run on any platform and in any programming language. The messages are transported via REST over HTTP protocol.

This guide covers the process of constructing the services using XML API

1.2. Intended Audience

This document is intended for developers of B2B2C Business Partners, integrating eMAGIN's XML interface into their own applications or websites.

It is recommended that someone with web site, XML or application programming experience reads this guide and implements the XML API.

It is also assumed that the B-Partner has already integrated the respective pricing and purchase (Subscription or Booking) services

1.3. Legend

You will find the following elements in the document and its associated meaning

Mandatory / optional fields

M	Mandatory element or node	O	Optional element or node

Alternatives (means that one element or the other must appear in the dataflow). In that case, Field 1 "or" Field 2 is mandatory.

11	11a	<com:field1>aaaaaaaaa</com:field1>
11	11b	<com:field2>bbbbbbbb</com:field2>

Information source

Legend
Information provided by Allianz to the B-Partner (fixed default values).
Information provided by the B-Partner specific to each service message (depending on customer information or input)

2. PLATFORM OVERVIEW

2.1. Key concepts

eMagin – Allianz e-commerce platform – provides an easy-to-connect API for B2B2C partner integration. The seamless technical interfaces provide a full transparent end-customer experience.

In this mode of online real-time sale ("Integrated"), the insurance offers are embedded into the partner's web site, within the core offers booking path.

This document describes in both functional & technical terms the services *eMagin* offers.

2.2. Communicating with eMagin Web Services

eMagin web services are accessed using REST-like POST XML messages.

2.3. Data Format

This section describes the data format to be used in the various XML feeds that are exchanged between the Business partner's web site and Allianz Global Assistance's eCommerce platform.

The platform will reject feeds containing data that are formatted incorrectly.

2.3.1. Dates

Issue date should be formatted as follow:
- YYYY-MM-DD, where
- YYYY - the year in 4 digits
- MM – the month in 2 digits
- DD – the day in 2 digits

Example: 2018-01-01 (January 1, 2018)

2.3.2. Country, Language and Currency Codes

Country codes use the ISO-3166-1 alpha2 codification system – see http://www.iso.org/iso/country_codes.

2.3.3. Text Encoding

Preferred text encoding format is UTF-8 (No BOM) – see http://www.unicode.org/.

All data transmitted should not contain special characters such as "<" or ">" that may be mis-interpreted by the engine as a new tag. Special characters should be html-encoded.

Even if exchanged messages are XML based and can be encoded in multiple texts encoding formats, other encoding formats are discouraged and should be reserved for special cases.

3. XML MESSAGES FOR CANCELLATION SERVICE

3.1. Cancellation Service request – overview

A cancellation request is composed of :

- Information about the context of cancellation (country, partner…)
- Information about the cancellation itself (policy number or partner reference to cancel, policy issue date, cancellation reason description

3.2. Cancellation Service Request Message Structure

3.2.1. XML Message Example

L.	Alternative	Code Example	M/O	Description	Format
1		<?xml version="1.0" encoding="UTF-8"?>			-
2		<com:cancellationRQ xmlns:com="http://www.allianz.com/emagin/api/v2.1">	-	Cancellation Service request root element.	-
3		<com:requestContext>	-	Global request context information	-
4		<com:securityKey>**abcdef1234567890**</com:securityKey>	M	Security key identifying the B-Partner for the platform. It is associated to the partner code.	String
5		<com:partner code="**AAA**"/>	M	Unique code used to identify the B-Partner. With the security key, it certifies that the message has been sent by the B-Partner.	3 letters
6		<com:country code="**FR**"/>	M	Country code where the insurance demands is done.	2 letters - ISO code
7		<com:salesChannel code="**Integrated**"/>	M	Code value indicating the sales channel. A text label can be added to specify the sales channel context. Response content may also differ based on this label.	Restricted values: Integrated, B2B, CallCenter, WL, OffLine, B2C
8		</com:requestContext>	-		-
9		<com:cancellation>	-	Cancellation definition	-
10		<com:reason>**Cancel**</com:reason>	O	Fixed reason value: "Cancel".	String
11	11a	<com:policyNumber>AAAFRB100000009</com:policyNumber>	M	Policy number to be cancelled. This field is mandatory if <partnerReference> field	**String**

				is not specified.	
1 1	11b	**<com:partnerReference>T12345678</ com:partnerReference>**	**M**	Policy reference number on the partner system to be cancelled. This field is mandatory if <policyNumber> field is not specified.	**String**
1 2		<com:issueDate>**2018-07-31**</com:issueDate>	O	Policy issue date.	Date
1 3		<com:comment>**Cancellation reason description**</com:comment>	O	Policy cancellation reason description	String
1 4		</com:cancellation>	-		-
1 5		</com:cancellationRQ>	-		-

3.3. Cancellation Service Response - overview

A cancellation response is composed of :

- A status
- A state
- A cancellation number (reference of the cancellation in the eMagin systems)

Line	Code Example	Description
1	<?xml version="1.0" encoding="UTF-8"?>	
2	<cancellationRS xmlns="http://www.allianz.com/emagin/api/v2.1">	*Cancellation Service response root element.*
3	<status code="**Success**" />	*Cancellation Service message treatment status.* *Possible values:* *• success* *• failure*
4	<cancellation>	*Cancellation response definition*
5	<state>**Wait**</state>	*State of the cancellation request. Depends on the request type: synchronous or asynchronous. Possible values:* *• Wait for asynchronous request* *If the cancellation request is processed asynchronously then "Wait " status is returned.*
6	<cancellationNumber>**AAAFRB100000009C0**</cancellationNumber>	*Cancellation number generated by the system.*
7	</cancellation>	
8	</cancellationRS>	

4. TEST ENVIRONMENT - ENDPOINTS

4.1. Important reminder

If you wish to conduct test cases with Emagin services, the following elements must first be defined :

- Your security key must be set in the Emagin system.

4.2. Endpoint - url

Cancellation test url	https://services.uat.emagin.eu/ws/cancel/v2.1

5. ERROR CODES

5.1. Standard Error Codes

Error Code	Description
ERR_AUTHENTICATION_REJECTED	*If the security key provided in the cancellation request is not valid, an authentication error will be returned.*