



# Requirement – Generate Insurance Certificates

This document describes requirement and API parameters to submit data from D365 Business Central to enable generate Insurance Certificate.

## Contents

1. Introduction and Scope .....	1
2. Available API from D365 BC.....	2
3. Publish / POST using vendor's API .....	2
4. Information list and mapping .....	2
5. Return Value .....	3

## 1. Introduction and Scope

Grupokaybee has partnered Chubb CargoAdvantage for issuing Insurance certificates for the shipments.



# Requirement – Generate Insurance Certificates

Chubb has recently enabled API based integration, where a customer can make API (HTTP) calls to submit relevant data and the Chubb CargoAdvantage will respond with "Success/Failure", Failure Reasons and if successful, an email with Insurance Certificate PDF file.

We have an API created to extract information from Business Central. New system needs to

- a. Make use of existing API or add/remove information if required.
- b. Submit the data to Chubb CargoAdvantage.
- c. Receive Success/Failure code,
  - a. Update DBC status for respective invoice in case of success.
  - b. Notify requester if "Failure" with "Failure reasons".

**Requirements is for following two companies.**

1. Texvista International Pte Ltd
2. Vega Foods Corp Pte Ltd

## 2. Available API from D365 BC

- a. Use available API to extract information from Sales Header and Sales Comment Line table.
- b. Use OAuth 2.0 using shared client secret to generate access token.

## 3. Publish / POST using vendor's API

- a. Use OAuth 2.0 to use API with Client secret provided by vendor.
- b. POST request with information extracted from step 2.
- c. Detailed documentation will be provided upon the project start.

## 4. Information list and mapping

Field	Remark
transaction_id	Sales Invoice Number
policy_num	We will share (Static Number)
assured_num	Sales Invoice Value
voyage	We will share (Static value)



# Requirement – Generate Insurance Certificates

email_receive_printing	Email addresses to receive certificate copy
currency	Sales Invoice Currency
declared_value	Sales Value
declared_ratio	1.1 (Static value)
transport_category	Export (Static Value)
transport_mode	If Container Type = "20, 40, 40HQ, 40 REF, LCL" then SEA If Container Type = "AIR" then AIR If Container Type = "By Road" then INLAND – else ERROR.
transport_type	Containerised (Static Value)
packaging	99 (Static value)
sailing_date	Document Date Date Format: yyyy-MM-dd
conveyance	If transport_mode is SEA then Vessel name.
Voyage_num	If transport_mode is SEA then Voyage No.
country	Country of Origin
port	Country of Origin
commence_from	Desc. Port of Loading
country	Market Desc
port	Market Desc
termination	Desc. Port of Destination
consignee	Sell-to Customer Name / Consignee Name (If not empty)
insured_interest	Description from Sales Comment Line – Where code is INSINT (Multiple lines).
remark	Description from Sales Comment Line – Where code is REMARK (Multiple lines).
bill_lading	Bill of Lading No.
comm_invoice	Sales Invoice No

## 5. Return Value

- If Success = TRUE -> Update D365 Business Central "Insurance Certificate Created" to TRUE.
- If Success = FALSE -> Notify requester.