# INVOICE

# VDA4983

**(EDIFACT Global INVOIC D.07A + Attachment)**

## Message Implementation Guideline

**Release: 1.0**
**Date: 11/03/2019**

**Detailed description of VDA 4983 container used for EDI between Skoda Auto a. s. and partners within e-Invoicing process.**

**Traditional, supplier initiated invoice (S2B) + Attachment**

## CHANGELOG

| Date | Version | Summary of Changes |
|---|---|---|
| 2019.03.06 | 1.0 | MIG published |
| | | |
| | | |

## CONTENTS

# 1. INTRODUCTION

Exchanging invoices in EDI format with attachment in VDA4983 Container is one of options within Skoda e-Invoicing process.

The main purpose for using VDA4983 Container is ability to include an attachment along with the invoice message file. Container is also a file which format and structure is defined in detail in this guideline. Within Skoda e-Invoicing process VDA4983 Container is used only for incoming invoice message with attachment.

This document shows how to use VDA4983 Container within Skoda e-Invoicing process.

## 2. EDI COMMUNICATION

VDA4983 has to be sent to Skoda via a standard EDI communication using OFTP2 protocol only. A Supplier who wants to send VDA4983 to Skoda must set up EDI communication according to Skoda requirements (see edi.skoda-auto.cz).

Using VDA4983 must always be agreed with Skoda accounting department in advance.

## 3. SPECIFIC RULES and REQUIREMENTS

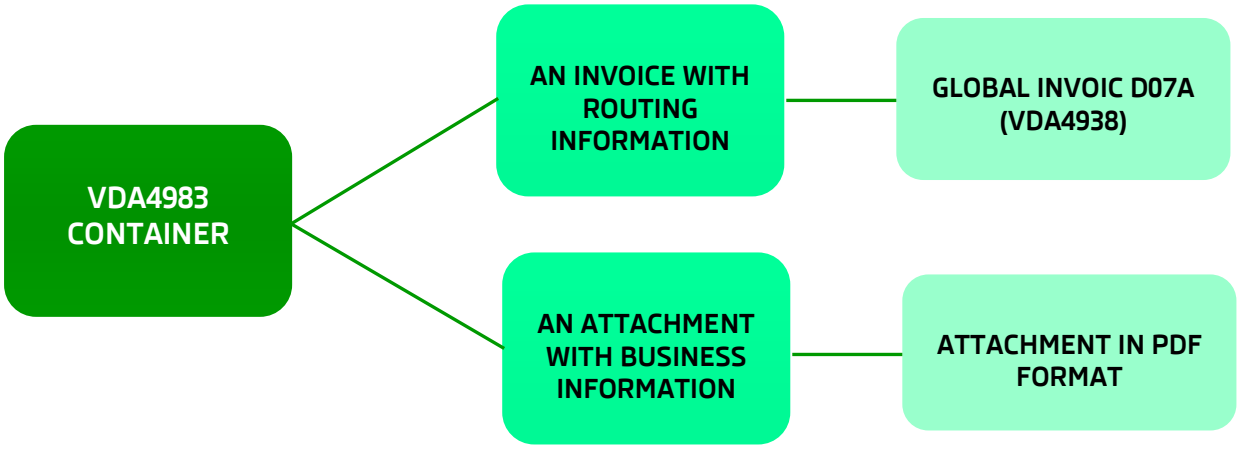
VDA4983 container rules as defined by Skoda:

- Just one invoice per container.
- Just one attachment per container.
- Full size of an attachment file is limited to 15 MB.
- PDF file is the only accepted format of an attachment file.
- Container cannot include other container, e.g. ZIP file.
- Allowed invoice file format:
  - UN/EDIFACT Global INVOIC D07A (VDA 4938) according to Skoda Auto MIG
- Naming convention for VDA4983 container is strictly defined (more in Chapter 4).
- Naming convention for files included in VDA4983 is not defined, however, a Supplier has to ensure uniqueness (more in Chapter 4).

Inbound VDA4983 container – supported files:

| File / Document Type | Number of files | Mandatory / Optional | MIME Type |
|---|---|---|---|
| UN/EDIFACT INVOIC D07A (Skoda Auto Subset) | 1 | Mandatory | application/EDIFACT |
| PDF Document | 1 | Mandatory | application/pdf |

Required structure of VDA4983 container:



## 4. NAMING CONVENTION

VDA4983 container virtual file name (VFN) is strictly defined as:

**GINX.CS.<sid>.<supplier_no>**

where:

- sid = Station ID allocated by Skoda
- supplier_no = supplier number allocated by Skoda

The required VFN is always defined by Skoda.

Files included in container (invoice and attachment) are required to be named according to following rules:

- Only alphanumeric characters of the English alphabet, dot, hyphen and underscore sign are allowed to be present within a file name. All other characters incl. space, bracket, slash and any diacritics are not allowed. In case of occurrence of any unallowed character the entire interchange will be refused.
- An extension is always preceded by dot and is case insensitive.
- An extension of invoice file is not strictly defined but .edi or .EDI is recommended.
- The extension of attachment file must always be .pdf or .PDF.

# 5. VDA4983 CONTAINER FORMAT

VDA4983 Container is an XML file specified in technical specification of UN/CEFACT "Standard Business Document Header" Version 1.3 (SBDH XML).

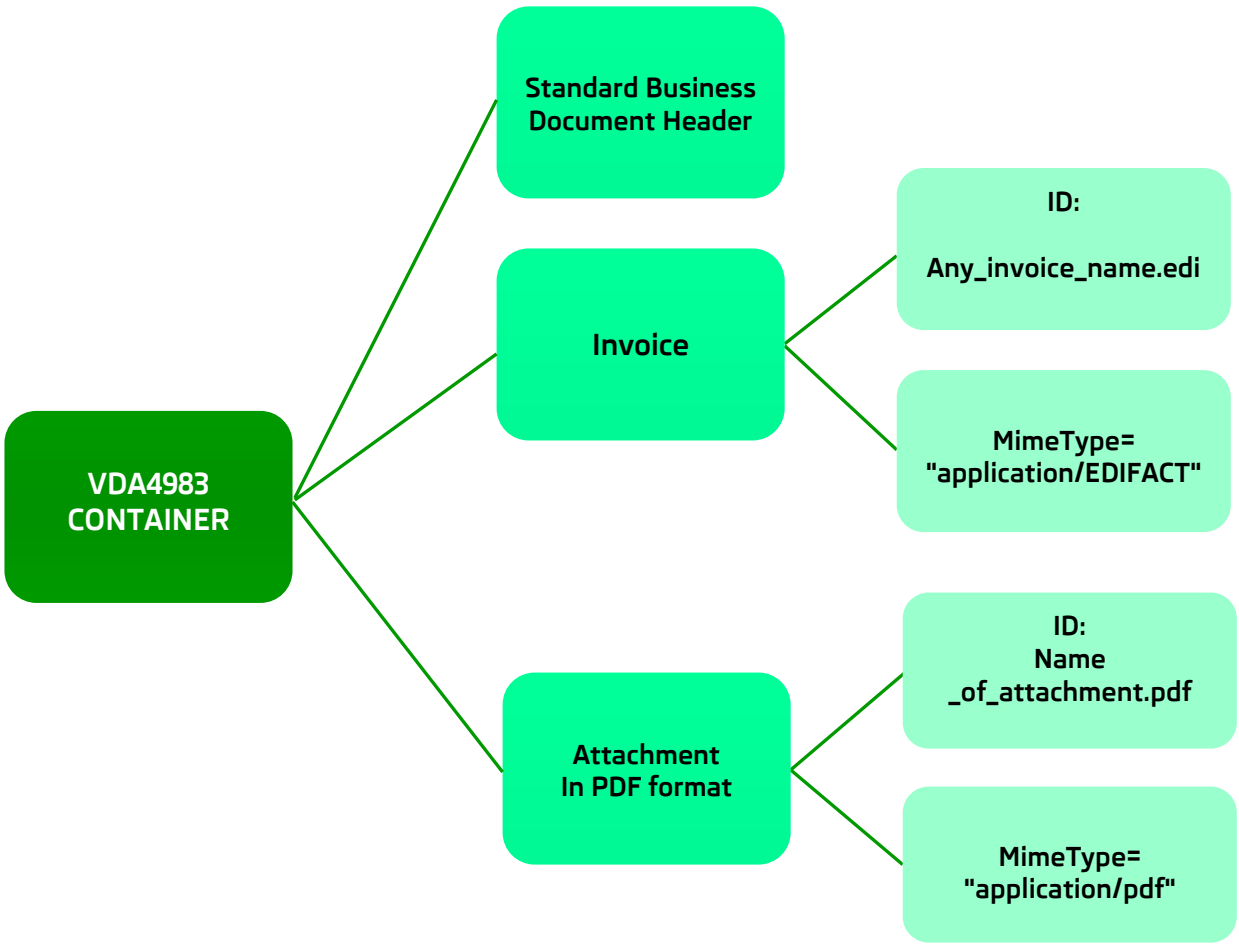
VDA 4983 standard is provided by VDA organization and is available for free at:

https://www.vda.de/en/services/Publications/4983-recommendation-on-the-transmission-of-attachments-and-signat.html

Please note VDA 4983 containers must be created according to following rules in order to make the container compatible with Skoda e-Invoicing process.

## 5.1 VDA4983 structure

The example: Incoming invoice message with attachment sent in a container from Supplier number "22222" / Station ID "XYZ" to Skoda Auto.



## 5.2 VDA4983 container routing information

Since VDA4983 container is a SBDH XML, routing information are required to be stated. Party identifiers in SBDH XML have to be identical to identifiers stated in the invoice message included in the container. No Party qualifiers are specified in VDA4983.

Sender identifier XPath:

/StandardBusinessDocument/StandardBusinessDocumentHeader/Sender/Identifier

Receiver identifier XPath:

/StandardBusinessDocument/StandardBusinessDocumentHeader/Receiver/Identifier

Example: SBDH XML Ingoing Container (from Supplier to Skoda)

```
<StandardBusinessDocument>
        <cefact:StandardBusinessDocumentHeader>
                <cefact:Sender>
                      <cefact:Identifier>SUPPLIERODETTEID</cefact:Identifier>
                </cefact:Sender>
                <cefact:Receiver>
                       <cefact:Identifier>O0013000001VW      R3A</cefact:Identifier>
                 </cefact:Receiver>
        </cefact:StandardBusinessDocumentHeader>
</StandardBusinessDocument>
```

Included Global INVOIC D07A

UNB+UNOB:3+SUPPLIERODETTEID+O0013000001VW      R3A+190225:1250+1000000232'

## 5.3 Encryption

Both invoice file and attachment  file (pdf) are encrypted with Base64.

Encoding="http://www.w3.org/2000/09/xmldsig#base64"

## 5.4 Encoding

UTF-8 is used and required for encoding of VDA4983 XML container.

## 5.5 Signature

A digital signature is not used at all.

# 6. APPENDIX

## VDA4983 Example

Example of VDA4983 container sent from Supplier to Skoda: vda4983_example