

Verification via URL

Introduction

Invoice verification by scanning QR code can be done using third-party applications. When this is the case, a client can verify an invoice by invoking the **Verification via URL** endpoint on TaxCore.API.

Compose HTTPS POST request as follows:

1. Add headers "Accept: application/json", "Content-Type: application/json" and header that contains authentication token.
2. Add a complete Verification URL to the body of the HTTPS POST request
3. Submit POST request to `https://<taxcore_api_url>/api/invoices/verificationViaUrl`

After the request is sent, TaxCore.API shall return a response with a JSON formatted string containing data as described in the Response section.

Endpoints

Endpoint	Example
<code><TaxCore_API_URL_obtained_from_certificate_as_e: here>/api/invoices/verificationViaUrl</code>	<code>https://api.vms.frcs.org.fj/api/invoices/</code>

NOTE:
Development and production environments, as well the environments in different countries, have different URLs. For this reason, URLs and names in your documentation, code and UI should not be hardcoded but configurable or extracted from a digital certificate.

Method

POST

Header

Add the following HTTP headers to each request

- TaxCoreAuthenticationToken: `<token-value-returned-from-Request-Authentication-Token-method>`

- Accept: application/json
- Content-Type: application/json

Authentication

Valid TaxCore authentication token is passed through request headers

Request

The request should contain a complete Verification URL (including the domain) in the body.

Example

```
"https://test.taxcore.dti.rs/v/?v1=A0VaWkdYNEZURVpaR1g0RlQPBAADwQAAEANAwAAAAAAAAABgPtZ..."
```

Response

The response contains the invoice object in JSON format.

For detailed information about all response objects, see the [Create Invoice](#) article from Technical Instruction for EFD Vendors.

Example

```
{
  "Request": {
    "dateAndTimeOfIssue": "2020-12-08T08:55:23.286Z",
    "cashier": "123456789",
    "buyerId": "RS34564565",
    "buyerCostCenterId": "567546",
    "invoiceType": "Normal",
    "transactionType": "Sale",
    "payment": [
      {
        "amount": 68.46,
        "paymentType": "Cash"
      }
    ],
    "invoiceNumber": "POS2017/998",
    "referentDocumentNumber": "",
    "options": {
      "omitQRCodeGen" : "1" ,
      "omitTextualRepresentation" : "0"
    },
    "items": [
      {
        "name": "Sport-100 Helmet, Blue",
        "quantity": 2,
        "unitPrice": 34.23,
        "labels": [
          "A"
        ]
      }
    ]
  }
}
```

```

    "totalAmount": 68.46
  }
]
},
"Result": {
  "requestedBy": "WHKV8WJH",
  "sdcDateTime": "2020-12-09T01:51:43.1847161+12:00",
  "invoiceCounter": "6/16NS",
  "invoiceCounterExtension": "NS",
  "invoiceNumber": "WHKV8WJH-GFB38TO0-16",
  "taxItems": [
    {
      "categoryType": 0,
      "label": "A",
      "amount": 5.6527,
      "rate": 9,
      "categoryName": "VAT"
    }
  ],
  "verificationUrl": "https://frontendui.test.taxcore.dti.rs/v/?vl=AldIS1Y4V0pIR0ZCMzhUTzAQA7",
  "verificationQRCode": null,
  "journal": "===== FISCAL INVOICE =====\r\n
TIN:                               HIHKLIKJ\r\n
Company:                            Fiskalizacija doo\r\n
Store:                              Fiskalizacija doo\r\n
Address:                            Milinka Milinkovica 44\r\n
District:                           Vinca\r\n
Cashier TIN:                        123456789\r\n
POS Number:                         POS2017/998\r\n
POS Time:                           08/12/2020 08:55:23\r\n
-----NORMAL SALE-----\r\n
Items\r\n
=====
Name      Price      Qty.      Total\r\n
Sport-100 Helmet, Blue (A)          \r\n
          34.23        2         68.46\r\n
-----
Total Purchase:                      68.46\r\n
-----
Cash:                                68.46\r\n
=====
Label      Name      Rate      Tax\r\n
A          VAT      9.00%     5.65\r\n
-----
Total Tax:                            5.65\r\n
=====
SDC Time:                09/12/2020 01:51:43\r\n
SDC Invoice No:          WHKV8WJH-GFB38TO0-16\r\n
Invoice Counter:        6/16NS\r\n
=====
===== END OF FISCAL INVOICE =====\r\n",
  "messages": "Success",
  "signedBy": "GFB38TO0",
  "encryptedInternalData": "aoo+9OCMgbe+a1OQyeJt44DqbE8KyBh9fj49saQNr3XcMRgHz+IE1oagmebqVucjM",
  "signature": "YE6eOSCgZaz/eCVzeLQHvd02zWBEOxFnQhFriY1jNmaEbHi+7j910/vXd47ui6qVktYp+pahbbRZ",
  "totalCounter": 16,
  "transactionTypeCounter": 6,
  "totalAmount": 68.46,
  "taxGroupRevision": 2,
  "businessName": "Shtelovanje doo",
  "tin": "HIHKLIKJ",
  "locationName": "Shtelovanje doo",
  "address": "Milinka Milinkovica 44",
  "address": "Vinca",
  "mrc": "99-0100-GFB38TO0"
}
}

```

