



SAID COMPANY

SAED ERP

ZATCA APIs

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Contents

1.Zatca API Analysis.....

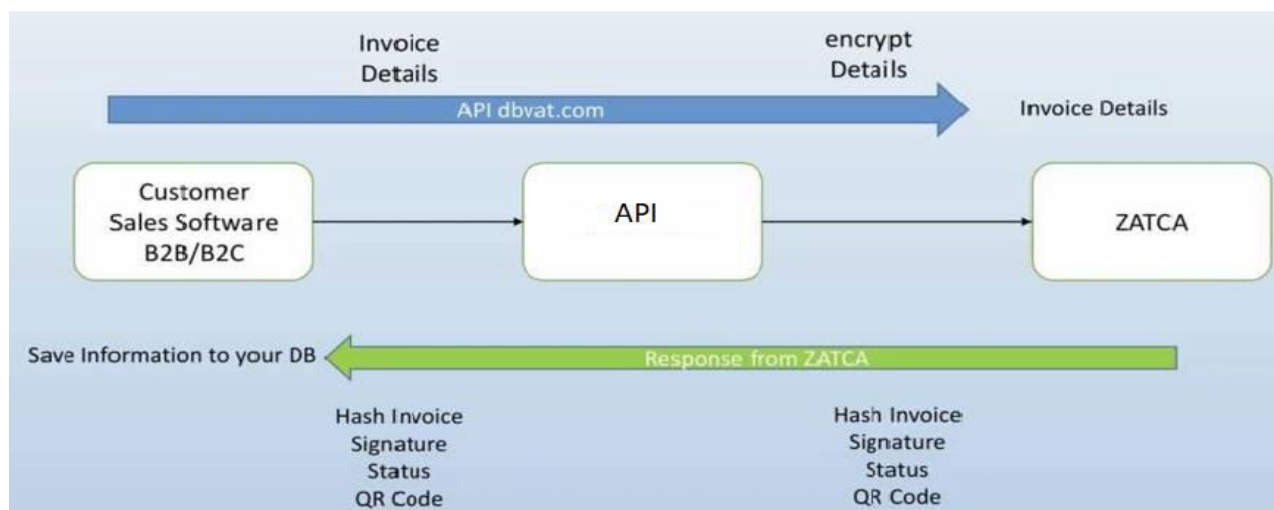
Technical Aspects:

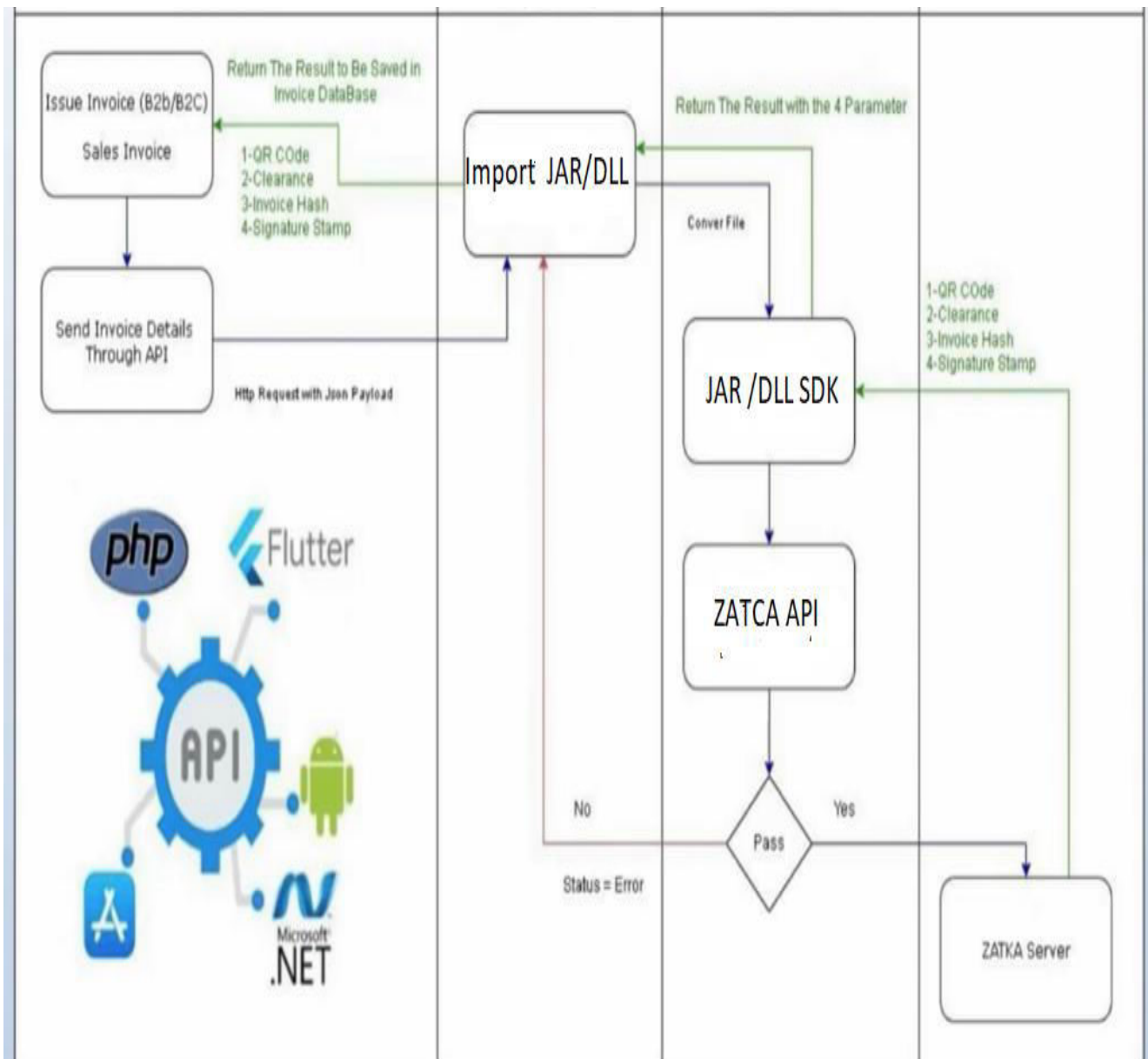


هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority



Zatca XML e-invoice





Function Analysis:

Invoices type:

- 1) Simplified.
- 2) Standard
- 3) Debit Note
- 4) Credit Note
- 5) Tax

APIs types:

1) Reporting API:

- This API will be used to submit test Simplified e-invoices, credit or debit note to a test ZATCA backend system as part of the Reporting process.
- When Clearance is disabled, this API can also be used to submit test Standard e-invoices, credit or debit notes for Reporting

2) Clearance API:

- This API will be used to submit test Standard e-invoices, credit or debit note to a test ZATCA backend system as part of the Clearance process
- When Clearance is disabled, this API will return a 303 Response indicating that the Reporting API be used to submit Standard documents as well

3) Compliance CSID API:

- This API will be used to submit test CSRs (Certificate Signing Requests) to a test ZATCA backend system as part of the Onboarding and Renewal process.

4) Production CSID API (for Onboarding):

- This API will be used to submit a test Request ID to a test ZATCA backend system as part of the Onboarding process

5) Production CSID API (for Renewal):

- This API will be used to submit a test Request ID to a test ZATCA backend system as part of the Renewal process

6) Compliance Checks APIs (for Onboarding / Renewal):

- These APIs are used to test the compliance of the test device / solution unit (EGS) as part of the Onboarding and/or Renewal processes

API Name	Function	Output
Reporting API	<ul style="list-style-type: none"> • A test Production CSID obtained from API #5 or #6 below • Simplified invoice, credit or debit note in XML format • Standard invoice, credit or debit note in XML format when Clearance is disabled 	<ul style="list-style-type: none"> • If no errors or warnings: Accepted • If error in Seller Address: Accepted with warning message • If errors other than Seller Address: Rejected with error messages

Clearance API

- A test Production CSID obtained from API #5 or #6 below
- Standard invoice, credit or debit note in XML format
- If no errors or warnings: Accepted and document is returned with test ZATCA stamp and QR code
- If error in Seller Address: Accepted with warning message and document is returned with test ZATCA stamp and QR code
- If errors other than Seller Address: Rejected with error messages
- Response 303 when Clearance is disabled asking the Reporting API to be used to submit Standard documents

Compliance CSID API

- Public Private Key pair
- Signed CSR
- Valid request: Test Compliance CSID and a test Request ID are obtained
- Invalid request: Error message(s)

Production CSID API (for Onboarding/ Renewal)

- A test Compliance CSID obtained from APIs #3 above
- A test (dummy) request ID
- Valid request: Test Production CSID is obtained
- Invalid request: Error message(s)

Compliance Checks APIs (for Onboarding / Renewal)

- A test Compliance CSID obtained from APIs #3 above
- Standard and/or Simplified invoices, credit or debit notes in XML format
- All Compliance checks passed
- One or more compliance checks failed with error messages

Hint: must be import `/lib/java/zatca_einvoicing_validation.jar` in client system's class path in case of java

or `/lib/NET/zatca_einvoicing_validation.dll` in case of .NET