3 easy steps to generate a
CFDI
in SAP with

e-factura®

"eDocuments for Mexico"
from SAP lets you invoice directly within your ERP.

This guide will help you learn:

- What is *"eDocuments for Mexico"*
- How to use e-factura® to process CFDI's directly within SAP (in 3 easy steps)
- How the CFDI system works in the SAP ecosystem
- Why you should use e-factura®

What is "eDocuments for Mexico"?

SAP S/4HANA® y SAP ECC® allow you to generate electronic invoices without having to rely on external files generation.

"*eDocuments for Mexico*" lets you create SAP documents and convert them to exchange formats, transferring them safely to verified stamping platforms.

An *eDocument* lets you make electronic documents based on documents generated in SAP

Before creating a CFDI, the following elements must be implemented:

- SAP Document Compliance (SAP eDocuments for Mexico)
  To create an eDocument with a predefined exchange format

- SAP Cloud Platform Integration
  To send the eDocument to external sistems

- External stamping system
  For stamping the invoives

Fuente: SAP

How to invoice directly within SAP

1. **Create an invoice in the FI or SD module**

    The system automatically generates an eDocument version.

2. **Submit the eDocument by running the EDOC_COCKPIT transaction**
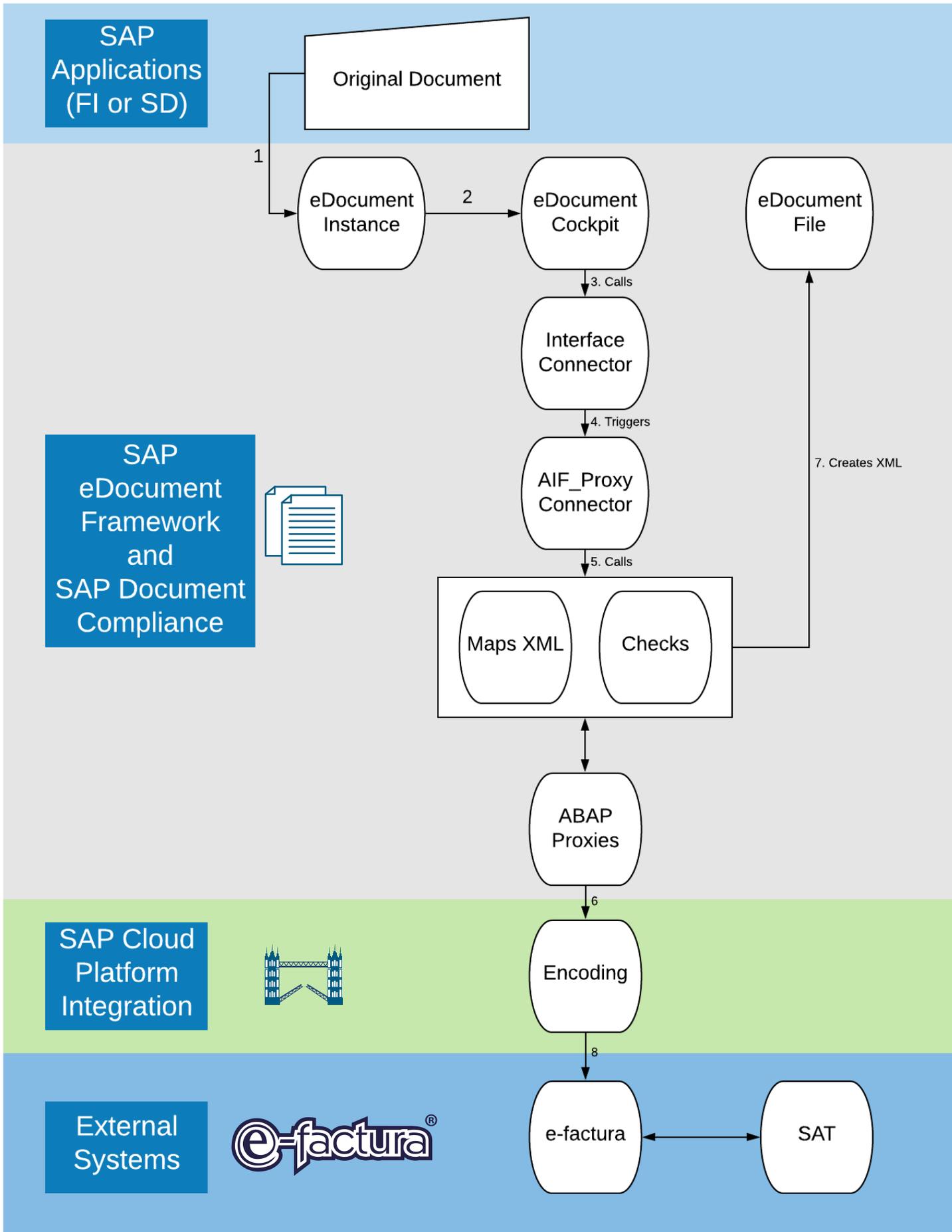
    The system connects with e-factura® to stamp your invoice.

3. **Query your invoices**

    *From the FI or SD modules.
    You can also consult your invoices
    from the e-factura® portal.*

How does the stamping system work?

SAP Applications (FI or SD)

Original Document

1

eDocument Instance

2

eDocument Cockpit

eDocument File

3. Calls

Interface Connector

4. Triggers

AIF_Proxy Connector

5. Calls

SAP eDocument Framework and SAP Document Compliance

Maps XML   Checks

7. Creates XML

ABAP Proxies

6

SAP Cloud Platform Integration

Encoding

8

External Systems

e-factura

e-factura   SAT

1. An invoice is created in the FI or SD modules in SAP. The system automatically creates an instance of the eDocument in the database.
2. The eDocument is submitted via the EDOC_COCKPIT transaction.
3. The system retrieves the eDocument from the database and calls the interface connector to deploy the eDocument Interface connector Business Add-In (BAdI).
4. This BAdI calls the interface type that enables the system to connect to the Application Interface Framework (AIF).
5. AIF triggers the mapping of transactional data into the required XML format and saves the XML files.
6. The system calls SAP Cloud Platform Integration via an ABAP Proxy and establishes communication with e-factura®.
7. If the call is successful, the outgoing XML is saved. After successfully receiving the response, the response XML is saved.
8. SAP Cloud Platform Integration processes the XML generated in SAP to seal it for the issuer, and triggers the services from e-factura®.
9. SAP Cloud Platform Integration receives information regarding the status of the request back from e-factura®, transforms it into a consumable format, and forwards that to AIF and to the SAP system.
10. The system updates the eDocument in the database with information received from the external systems.

¿Why use e-factura® SAP?

By adopting e-factura® SAP, you will enjoy:

1. Single solution: Central monitor for electronic documents.
2. Compliance with the invoice process end to end within SAP.
3. Native integration with different types of SAP documents: automatic conversion of standard source documents into SD, FI to eDocument
4. Ease of using electronic invoice functions in SAP such as: Send invoice to PAC, Query XML, Consult UUID, send payment compliments, make cancellation.
5. Eliminates the need for complementary third-party software and worrying about data synchronism.
6. Assurance of security when adopting SAP Cloud Platform Integration for e-invoicing messages.
7. Pre-configured integration package.
8. Robust document processing.
9. Technical interface monitoring tools.
10. Fiscal expertise and detail.

Appendix:

eDocument for Mexico:
https://help.sap.com/viewer/3b9545d651bb46d092b7f5776d1d5265/6.18.12/en-US/85ebbf5d8ad849a7977f239ba940deb1.html

SAP eDocument Processing with Cloud Platform Integration:
https://help.sap.com/viewer/3b9545d651bb46d092b7f5776d1d5265/6.18.12/en-US/f836d653bb13af20e10000000a4450e5.html

e-factura:
https://www.sapappcenter.com/en/product/display-0000059108_live_v1/e-factura%20the%20invoicing%20system%20for%20Mexico%20SAT%20PAC