eDocument – VAT Register Books with SII
PRESENTATION – MEET THE EXPERT

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February, 2017
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Agenda | Content

Welcome – Present the experts
Business Background – Regulation
Introduction to the eDocument Framework
VAT Register Books with SII Solution
Installation
Key takeaways
Where can I find information?
Implementation services for SAP SII Integration
Annex
Business Background - Regulation
Business Background - Regulation

- The Spanish Tax Authorities have announced the incorporation in 2017 of a new tax control system called “Immediate Supply of Information” (Suministro Inmediato de Información –S.I.I.).

By this new system, certain taxpayers will have to provide the data related to invoices to the Tax Agency electronically in real time, as a general rule four calendar days from the invoice issued date and four days from the date the invoice is recorded in the books excluding Saturdays, Sundays and national bank holidays. Exceptionally, for the period from 1st of July to 31st December 2017, the deadline will be extended from 4 to 8 days.

- This new system will be compulsory for all taxpayers which:
  - Form part of a VAT group or
  - Are considered a large size company (Turnover of more than 6.010.121,04 €) or
  - Are applying the monthly refund scheme (REDEME), in terms of SAP executing Tax re-turn form 340 (RIFDESM340).

- The new system is independent of the type of activity carried out or the VAT status as an established or non-established entity.
Business Background - Regulation

- It is important to emphasize that the data to be provided is not the invoice itself but rather certain information on each invoice, which will allow the tax authorities preparing the VAT books of these taxpayers.

- Companies must keep their VAT books through the Tax Agency website by supplying invoicing records of issued and received invoices through “web service”.

- SII will come into force on 1st July 2017. There is a retroactive obligation, as of the first half of 2017 it will be mandatory to send all data by 31st December, the latest.

- Ministerial order with the content of the registers has not been published yet. Details of the registers can be found on the website of the AEAT: http://www.agenciatributaria.es/AEAT.desarrolladores/SII.html.
Introduction to the eDocument Framework
General market requirements

Legal Background

**Country-specific regulations requiring the use of electronic documents**

- **Regulations driven by fiscal control**
  - Many countries require that before you issue business documents, such as invoices and delivery notes, you register these documents electronically at the local tax authorities.
  - Examples: Chile, Peru, Colombia

- **Regulations driven by savings in public procurement**
  - To take advantage of the benefits of electronic procurement, governmental organizations demand the use of electronic invoices for business transactions involving public organizations.
  - Main example is the EU digital agenda, affecting all EU countries till 2019

- **Digitalization of tax administration offices**
  - Several countries are moving towards a digital reporting environment demanding or encouraging online reporting of business transactions.
  - Examples: Spain, Italy
General market requirements
Increasing number of requirements

Number of Countries with Digital Mandates

- Rest of LATAM
- EU Digital Agenda
- IN, RU...

BR, MX, CL...

7

2003

2018

Time
eDocument Framework

**eDocument framework has been developed by Globalization Services**

- to comply with local regulations mandating the exchange of electronic documents to business partners and/or legal authorities.

**Facilitates realization of different local requirements**

- by leveraging their similarities
- ensuring high standards
- consistent user experience and lower operational cost.
Solution Landscape – eDocument Scenarios

- Country Format Mapping
- Business Monitoring

- Communication
- Authentication / Digital Signature

- Validation
- Approval / Registration
## Relevant Business Processes & Availability Matrix

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x = General Availability; P = Pilot; new = new scenarios under evaluation
Solution Architecture

**Suite**
- Legal Reports
- SD Del Gi
- SD Bill
- FI
- IS-U
- Real Estate
- MM returned invoice

**SAP ERP, option for e-document processing**
- Chile
- Peru
- Spain
- Netherlands
- Belgium
- Turkey

**Communication Platform**
- DTE
- Peruvian UBL
- Facturae
- SI-UBL
- UBLTR

**Recipient**
- SII
- SUNAT
- FACe
- Business Partner
- TRA

**SAP HCP, integration service**
**EU Compliance Service**

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Solution Components

**SAP ERP, option for e-document processing**
License material
Metric: annual number of documents (electronic documents: xml)

**SAP Cloud Platform Integration**
Cloud service
Relevant metric: number of connections
SAP ERP, option for e-document processing

provides configurable, pre-packaged content and process orchestration capabilities for compliance with legal e-invoicing / e-document regulations in multiple countries

It allows you to
Create electronic documents in legally required XML format.
Orchestrate the communication with the authorities as well as other document receivers
Configure and customize country-specific fields
Monitor communication, trace source documents and handle exceptions directly in SAP ERP and SAP S/4HANA
SAP Cloud Platform, integration service

provides capabilities to easily exchange data in real-time, integrating processes and data between cloud apps, 3rd party applications and on-premise solutions

It allows you to
Access a deep catalog of integration flows
Integrate both processes and data through unified technology engineered for the cloud
Get an integration service that is secure, reliable and delivered and managed by SAP in SAP’s secure data centers across the globe
Lower TCO with an affordable, pay-as-you-go subscription model and minimal up-front investment
Value Proposition

1. Ensure compliance with an increasing number of country specific regulations regarding electronic documents.

2. Provide a standardized user experience and solution approach for business users managing electronic documents in multiple countries.

3. Reduce the number of interfaces and third party providers.

4. Get one hand support for the end-to-end process, including backend, integration and legal requirements?

5. Simplify implementation and achieve a seamless integration with the backend system?
VAT Register Books with SII Solution
Why eDocuments?

Complex message choreography (Cancelation / Modification / Correction)

Responses are on List Item level → Status control on Item level

Resend of Items (Invoices/payments) must be possible after Rejection / Modification of item

Existing stable platform → less maintenance
Solution Architecture – VAT Register Books with SII

VAT Register eDocuments will be created in Reports, not during document creation

VAT Register Lists will be created on the base of eDocuments
Solution Architecture – VAT Register Books with SII

Suite

SAP ERP, option for e-document processing

Communication Platform

Recipient

VAT Register Incoming Invoice List

VAT Register Outgoing Invoice List

VAT Register Outgoing Payment List

Spain – VAT Register Books with SII

SII

AEAT
Financial document bundle transmission

1. Select relevant FI documents and create eDocument
2. Build XML and call proxy
3. Process XML
4. Data reception
5. Check XML
6. Process response XML
7. Read and parse response

SAP ERP
SAP ERP, option for e-document processing
Response data

SAP HANA Cloud Integration

AEAT

Installation
Installation requirements and preparation

**SAP ERP**
- License add-on (SAP ERP, Option for eDocument processing)
- Install AIF (Application Interface Framework, usage for eDocuments included in the option above)
- Implement eDocument Framework Notes
- Implement VAT Register Books with SII solution Notes

**HCI**
- Obtain authentications from AEAT
- Subscribe to test and productive tenant
- Set up integration between AIF & HCI
- Install iFlows
Installation options SAP ERP

1. TCI – Transport based Correction Instructions
   Mini Service Pack for specific objects

   Releases SAP_APPL 6 EhP5 → SAP_APPL 6 EhP18, SAP S/4HANA

2. Service Packs and Notes

   Releases SAP_APPL 6 → SAP_APPL 6 EhP18, SAP S/4HANA

Option 1 is strongly recommended if available!
SII Planned Delivery

Ministerial order with the content of the registers has not been published yet.

A new draft of the Ministerial order was published this week, February, 7. Details here: http://www.agenciatributaria.es/AEAT.internet/Inicio/La_Agencia_Tributaria/Normativa/Normas_en_tramitacion/Proyecto_de_Orden_Informacion_IVA/Proyecto_de_Orden_Informacion_IVA.shtml

Details of the registers can be found on the website of the AEAT: http://www.agenciatributaria.es/AEAT.desarrolladores/SII.html.

The solution is planned to be available not earlier than May 1, 2017.

- Legal Change Notification as a Service: LCNaaS here
- LC for SII here
The structure of the message consists of:

- A common header with information of the register book owner.
- The data block with the invoices.

The messages are returned synchronously.

Individual XML messages for
- Incoming invoices
- Outgoing invoices
- Incoming cash payments
- Communication type
- Cancellations.

Process: XML message is sent via web service to the AEAT (Tax Administration National Agency)
How to get started?

- **Contact your account executive to**
  - Purchase the add-on SAP ERP, option for e-document processing
  - Subscribe to the Cloud Platform integration service
Key Takeaways
Key Takeaways – eDocument Solution for VAT Register Books with SII

Ensure compliance with electronic document regulations through an end-to-end solution supported by SAP’s localization experts – including maintenance of legal changes.

Simplify implementation and operations by using a standardized approach, pre-packaged content tailored to country specific requirements and integrated monitoring & error handling capabilities.

Reduce the total cost of operations by reducing the number of partners & interfaces across countries and business processes.

Compliance | Efficiency | Cost
Where can I find information?
Where can I find information?

- Legal Change Notification as a Service: LCNaaS [here](#)
- LC for SII [here](#)

- SAP JAM Group

- SII Tax Agency [here](#)

- AUSAPE (Spanish User Group) [here](#)
Implementation services for SAP SII Integration
SAP Digital Business Services
Implementation services for SAP SII Integration

SAP Digital Business Services provides services to support our customers with the deployment and configuration of the SAP solution for integration with SII.

**SCOPE AND DELIVERY METHODOLOGY**

- Analysis of data source and technical pre-requisites
- Configuration of the SAP SII solution on the defined data source
- Connection and configuration of the technical integration between the data source, SAP HANA Cloud platform, Integration Service and the Tax Authority systems
- Go Live Support

- The service is delivered on an onsite/remote mix both to provide scalability and cost optimization while keeping local management & architecture activities.

**KEY BENEFITS**

- Highest Quality Standards on the delivery
- Implementation Service delivered by the Consulting area of the Software provider
- Factory model approach (local & regional NSC): scalability & cost optimization

For further information, please contact your SAP SAP Digital Business Services representative or consulting.spain@sap.com
SAP Digital Business Services
Implementación de integración de SAP para SII

SAP Digital Business Services dispone de servicios para apoyar a los clientes en el despliegue y configuración de la solución SAP para SII.

**ALCANCE Y MODALIDAD DE ENTREGA**

- Análisis del origen de datos y pre-requisitos técnicos
- Configuración de la solución SAP SII sobre el origen de datos definido
- Conexión y configuración de la integración entre el origen de datos definido, SAP HANA Cloud platform, Integration service y los sistemas de la Agencia Tributaria
- Soporte a la puesta en productivo

- El servicio se entrega en un mix onsite/remoto para posibilitar escalabilidad y optimización de costes sin renunciar a gestión, arquitectura e interlocución local.

**BENEFICIOS CLAVE**

- Calidad en la entrega del servicio
- Servicio de implantación entregado por área de consultoría del fabricante
- Aproximación en modelo factoría (local & regional NSC): escalabilidad y optimización de costes

Para más información, contactar con su comercial de SAP Digital Business Services ó vía consulting.spain@sap.com
Annex
# eDocument Framework - Notes

## Basic enablement
- 2001019 eDocument: Enhancement-point in function module RV_INVOICE_DOCUMENT_ADD
- 2005304 eDocument Framework: Prerequisites for Note 1995867
- 1995867 eDocument Framework
- 2021860 eDocument Framework (II)
- 2040583 eDocument Framework: Prerequisites for Note 2040567
- 2040567 eDocument Framework (III)
- 2072539 eDocument Framework: Prerequisites for Note 2061166
- 2061166 eDocument Framework (IV)
- 2084098 eDocument Framework: Prerequisites for Note 2079957
- 2079957 eDocument Framework (V)
- 2110692 eDocument Framework: Prerequisites for Note 2120281
- 2120281 eDocument Framework (VI)
- 2148206 eDocument Framework: Prerequisites for Note 2122429
- 2122429 eDocument Framework (VII)
- 2170178 eDocument: Logical Port dependent on Company Code
- 2212967 eDocument Reference: Sequence Number
- 2232087 eDocument: Key Fields are not Consecutive in View EDOPROCSTEPVERV
- 2217515 eDocument Framework: Prerequisites for Note 2153215
- 2153215 eDocument Framework (8)
- 2230746 eDocument Prerequisite for Note 2224680
- 2224680 eDocument: Source Type "Invoice Verification"
- 2243028 eDocument Framework: Prerequisites for Note 2239055
- 2239055 eDocument: Cross-Country eDocuments
- 2262900 eDocument Framework: Prerequisites for Note 2256720
- 2256720 eDocument Framework (9)
- 2318400 eDocument Framework: Prerequisites for Note 2235496
- 2235496 eDocument Framework (10)
- 2376338 eDocument Framework: Prerequisite Objects for Note 2327646
- 2327646 eDocument Framework (11)
- 2362125 eDocument Cockpit: Prerequisite Objects for Note 2293306
- 2293306 eDocument Cockpit

## Full Solution – AIF Required
- 2008183 eDocument: Implementation of AIF
- 2027186 eDocument: AIF Setup
- 2010697 eDocument: AIF Customizing
- 2061244 eDocument: Additional Functionality for Full Solution
- 2084705 eDocument: AIF Prerequisites for Note 2049259
- 2049259 eDocument: AIF Mapping
- 2090651 eDocument: AIF interface connector includes
- 2110694 eDocument: AIF Prerequisites for Note 2092483
- 2092483 eDocument: AIF changes dependent on Framework (VI)
- 2153165 eDocument: AIF Enhancements
- 2186689 eDocument: AIF Implementation Corrections
# eInvoice (Facturae) Spain - Notes

**Basic enablement**

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