Local Regulations and SAP Solutions
- Status for SAF-T in Norway

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Agenda

- Globalization Services Overview
- Legal changes
- SAF-T at SAP
- SAF-T in Norway
- SAF-T Norway - Status
- SAF-T Norway - How-to
- Q&A
Examples of Areas Addressed by Localization
Typical capabilities domains covered by SAP

**Payments**
Country formats used to collect incoming and outgoing payment data

**Social Media Integration**
Integration between SAP Products, social media and social media applications.

**Invoicing**
Country-specific invoicing process extensions

**Languages**
Country official language(s)

**Validations**
Country-specific format for address, IDs, bank accounts

**Taxes**
Tax codes based on conditions or formulas for mandatory tax computation, taxation processes, exemptions

**Statutory Reporting**
Financial statements, tax declarations, EC sales list, document numbering

**Benefits and payroll**
Country-specific benefits, eligibility and admissibility rules and payroll

**Time Data**
Country-specific rules and formats

**UIX**
Fiori Apps
Country-specific fields and features
Globalization Services - Represented Across the World
Leveraging a global network of software localization experts – unique across the software industry

Localization Product Managers
- Monitor local legislation
- Analyze all requirements, create specifications and hand them over to engineering team
- Connect with customers, government, user groups and tax advisors

Engineering Teams
- Build localized high-quality Cloud and OnPrem products
- Specialize in products (S/4, SFSF, SCP...) and domains (tax, e-documents...)

Major Development Locations: DE, BR, RU, IN, CN
Further Development Locations: IL, UAE, PT, CZ
Product Management / LX Lab Locations
Early Alert and Identification of Legal Changes through Local Experts

- Analyze legal requirements
- Announcement of Legal Changes
- Align development strategy
- SAP JAM Collaboration
- Localization Events (Summits, Days)
- Influence local legislation
- Customer connection for legal requirements
The Journey of a Legal Change
The Journey of a Legal Change
Empowering all businesses to run compliant locally and compete globally

Customer

1. SAP Law to Action detects relevant legal changes via Machine Learning or customers alert SAP
2. Customers get notified via the Legal Change Notification as a Service LCNaaS
3. Customers and partners co-innovate with SAP for complex scenarios
4. Customer receives SAP note and implements the legal change

SAP

1. SAP Law to Action detects relevant legal changes via Machine Learning or customers alert SAP
2. SAP team develops legal change
3. SAP team delivers legal change note

Feedback

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Email Notification (for Registered Users)

Dear [Name],

The following legal changes may be relevant to you. To view more about the legal changes, visit the Announcement of Legal Change application.

### New Announcement

<table>
<thead>
<tr>
<th>Country</th>
<th>Legal Description</th>
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<tr>
<td>Mexico</td>
<td>Tax registration for Mexico</td>
<td>[Link]</td>
</tr>
<tr>
<td>[More countries]</td>
<td>[More legal descriptions]</td>
<td>[More links]</td>
</tr>
</tbody>
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### Updated Announcement

<table>
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<th>Link</th>
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<td>Tax registration</td>
<td>[Link]</td>
</tr>
<tr>
<td>[More countries]</td>
<td>[More legal descriptions]</td>
<td>[More links]</td>
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</tbody>
</table>

If you do not wish to receive such notifications, please unsubscribe by modifying your saved search criteria.

We would appreciate if you could share any feedback you may have with us to further enhance this service. For this purpose, select the feedback button on the bottom left-hand corner of every screen in the announcement interface. If you receive feedback or enhance Anne's [contact] email and [default value] Comment re [more details], we will be happy to correspond with you.

Sincerely,
SAP Oce Support

Note: the list of announcements is generated according to your saved search criteria (if relevant).
Announcement of Legal Changes

- With the going live of the new **One Support Launchpad**, the ‘Announcement of Legal Change’ app has been released to all customers using the Launchpad. The application provides an overview of the upcoming legal changes for all the components of SAP Globalization Services.

- With this application, customers can search for legal changes by countries or by application components, specify whether the legal change is relevant to his/her business and the implementation status in the customer systems, and plan corresponding implementation activities based on the information available in the application.

https://launchpad.support.sap.com
SAF-T at SAP
Continuous Innovations to Address Pain Points

1. Portuguese SAF-T based on old framework
2. New Portuguese SAF-T launched based on new framework
   - Luxembourg SAF-T
   - Poland SAF-T Starter Solution
3. New Investments to scale SAF-T in ERP and S/4 HANA
   - Compatibility with S/4 HANA assured
   - Norway SAF-T
4. ACR Premium is the recommended solution to enable global scale for SAF-T (Norway SAF-T in ACR Basic)
   - Latest Technology used
   - WebGui Enablement in S/4HANA Cloud

- SAF-T Guidance issued by OECD
- SAP Business Suite
- SAP S/4 HANA On Premise
- SAP S/4 HANA Cloud
- Advanced Compliance Reporting (ACR)

- 2005
- 2008
- Feb/14
- May/16
- Jun/17
- Q4/2019 (Norway)
- xx (planned)
The SAF-T Norway journey

- Announcement from Skatteetaten 2015/2016 (preliminary validity as of 2018)
- Pilot customers enrolled 2016/17
- Pilot testing kickoff 28 March 2017 with 6 pilot customers
- SAP Release event 17 June 2017
- Skatteetaten introduces option to map accounts to ”Näringsopgaven”
- Continuous updates and corrections due to more tests by customers
SAF-T Norway Snapshot

Characteristics:

- **Law**: Consultation held until 01-Oct-2016. Law published 2018
- **SAF-T files**: (a) Financial Data SAF-T file; (b) Cash Register SAF-T file (not in SAP);
- **Financial Data file content**: Financial documents, G/L accounts, VAT codes, customers, suppliers; only including data from 01-Jan-2020.
- **Extension of SAF-T file**: the file sections *SourceDocuments* and *MovementOfGoods* are planned to be included “in the future”.
- **Legal date**: Law into effect 01-Jan-2020
- **Reporting date/frequency**: Earliest reporting date: mid-April 2020; on-demand by Tax Office
- **Delivery method**: manual electronic submission of file from system to Tax Office Portal “Altinn”
- **Number of files**: ‘n’ files, depending on size.
- **Affected companies**: companies with >5M NOK or >600 documents.
Status for SAF-T Norway

- Introduced 2016, valid as of Jan 1st, 2020
  - This means that Skatteetaten may require your accounting data from April 2020 (if you are target for a tax audit) => Option to postpone fulfillment until June 2020 if your implementation was delayed due to Corona pandemic

- Solution provided => See SAP Collective note 2590111 for details

- Lots of updates since first release as more customers with new scenarios test the solution

- JAM group created SAF-T and VAT Norway SAP forum => Access via email request
SAF-T NO End-to-End process

1. Customizing
2. Data Extraction
3. File Creation, Download & Validation
1.a Customizing
General Ledger Standard Accounts <StandardAccountID>

- The actual account number used and the account description are to be represented in AccountID and AccountDescription (in Masterfiles, GeneralLedgerAccounts, Account). The account numbers and descriptions can be different from the Standard Account Overview. The StandardAccountID must be on either 2 or 4 digits level or a Grouping Category/Grouping code from the Income Statement “Näringsopgaven” should be used.

- Therefore, the actual account number used must be mapped. Skatteetaten has provided a List of Standard Accounts and a list of grouping categories and codes in the GitHub repository.
1.b Customizing

Standard VAT Tax codes `<StandardTaxCode>`

- The actual (internal) tax codes TaxCode can be used in the SAF-T. However they must be listed together with the standard tax codes StandardTaxCode in TaxCodeDetails in Masterfiles.
- The standard codes are only applicable to the SAF-T Financial export format. Software vendors can use whichever VAT tax codes they prefer internally in their own systems, and export them to the XML document on line level.
- Therefore, the **internal VAT tax codes** have to be mapped to the corresponding Norwegian SAF-T Masterfiles `TaxTable > TaxTableEntry > TaxCodeDetails`, according to the **standard Tax Code list** provided by Skatteetaten in the GitHub repository.
1.c Customizing
Standard VAT Tax codes <StandardTaxCode>

- Maintain the mapping of standard VAT codes using transaction SPRO, in Financial Accounting (New) -> General Ledger Accounting (New) -> Periodic Processing -> Report -> Standard Audit File - Tax -> Map Standard Tax Types

Alternatively, use transaction SM30 and enter view SNV_NO_MAP_TAX for mapping the tax codes or SNV_NO_MAP_ACCT or SNV_NO_GRP_COD for the accounts
2.a Data Extraction

Extract Data

- The Data extraction makes the data available for later file creation. You can create as many extractions as you want, but not overlapping. You can consolidate sequential extractions into one file. The extraction is the smallest data unit for the file creation.
- Create an extraction with transaction SAFTN_E
- For each executed extraction an entry is written in table SAFTND_EXT_HIST
- The following extraction tables will be filled with the extracted data:
  - SAFTND_EXT_SUM: Totals
  - SND_NO_FI_H: Document header
  - SND_NO_FI_I: Document items
  - SND_NO_MD_CUST_K: Master Data – Customers from posted documents
  - SND_NO_MD_SUPP_K: Master Data – Suppliers from posted documents
  - SND_NO_MD_ANLY_K: Master Data – Analysis types from posted documents
2.b Data Extraction
Delete Extracted Data

- Before repeating the extraction for a specific period or partial period (already extracted), you must delete the existing extraction(s) first.
  - Run transaction SAFTN_D to delete an extraction.
  - You can delete sequential single extractions in an interval.
  - Once an extraction is deleted, its entry is no longer in the SAFTND_EXT_HIST, as it no longer exists.
  - At the same time, the data disappears from the extraction tables.
2.c Data Extraction
Example - Create/Delete/History

Create Extraction

Delete Extraction
2.d Data Extraction

Extraction tables

### Table: SN0_NO_FL_I Display

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### Table: SN0_NO_FL_H Display

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<th>Trans. Date</th>
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<th>Trans. Type</th>
<th>Sys. Entry Date</th>
<th>GL Post date</th>
<th>System ID</th>
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<th>Currency</th>
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### Table: SN0_NO_MD_ANLY_K Display

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### Table: SN0_NO_MD_ANLY_K Select Entries

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### Table: SN0_NO_FL_I Select Entries

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### Table: SN0_NO_FL_H Select Entries

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<th>Client</th>
<th>Exract ID</th>
<th>Transaction ID</th>
<th>Fixed Column</th>
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<td>0000480277</td>
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</tbody>
</table>

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3.a File Creation, Download & Validation

- When generating the XML file, the report reads the data from the extraction tables to generate each of the file sections: Header, Masterfiles (GeneralLedgerAccounts, Customers, Suppliers, Tax data….), GeneralLedgerEntries.
- The generated XML file always reflects the data at the moment of the extraction, not the file creation.
- Run `SAFTN_G` transaction to generate the file
- Run one file per extract or consolidate several extracts into one file
- Check the creation of the consolidated file in the `SAFTND_CON_EXT` table.
3.b File Creation, Download & Validation

- **To download the xml file simply indicate the file location.**
- Run CG3Y to download the file from the server location to the local PC or get it directly from the server.
- To check the xml file, open it in an XML editor (e.g. FirstObjects) or in MS-Excel.
- Validate the file in the portal and submit it.
3.c File Creation, Download & Validation

File size

- **File size can be a problem**
  - You can submit files up to 200 MB. If your xml file is larger, zip it before submitting, if needed into several files. Zipping an xml file reduces the file size to appr 10% of the original size.
  - Check the log for runtime. Run transaction SAFTN_M
  - Check the file content to get an idea on how to improve the file. Relevant tables:

<table>
<thead>
<tr>
<th>Master Data Type</th>
<th>Table IDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting Master Data</td>
<td>SND_NO_MD_ACCT</td>
</tr>
<tr>
<td>Customer Master Data</td>
<td>SND_NO_CUSTOMER, SND_NO_MD_CONT, SND_NO_MD_ADDR, SND_NO_MD_BANK, SND_NO_MD_APARTY</td>
</tr>
<tr>
<td>Supplier Master Data</td>
<td>SND_NO_SUPPLIER, SND_NO_MD_CONT, SND_NO_MD_ADDR, SND_NO_MD_BANK, SND_NO_MD_APARTY</td>
</tr>
<tr>
<td>Tax Master Data</td>
<td>SND_NO_MD_TAX</td>
</tr>
<tr>
<td>Analysis Master Data</td>
<td>SND_NO_ANALYSIS</td>
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<td>FI documents</td>
<td>SND_NO_FI_H, SND_NO_FI_I</td>
</tr>
</tbody>
</table>
3.d File Creation, Download & Validation
Altinn Portal

Some examples of enhancements 2020 via SAP Notes

2886281 Tax amount, Tax authority, Tax registration/Registration number, Opening Balance

2894075 Exchange rate issue

2908369 Partial tax deductibility

2912756 Reporting Company’s Tax Registration Number

2911101 Reverse charge tax codes

2913034 and 2917084 SAF-T for foreign Companies

2920936 New 4-digit standard accounts from 2020

In pipeline: Documents without BSEG items, Special G/L transactions
Questions?
Thank you!

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Make the World Run Better.