

# e-INVOICING & SAP Document Reporting Compliance (DRC)

## Baltic countries SAP partner solution



Estonia



Latvia



Lithuania



Introduction, Solution architecture and Demo  
Crimson SAP Consulting

# CRIMSON SAP - About Us



Our founders have over 40 years of SAP consulting across the globe both externally and working internally for SAP

Currently we work with clients both externally and on behalf of SAP

Our offices are Liverpool, Bangalore & Lviv

- An Agile team of functional and technical experts delivering effective and highly efficient S/4HANA & SAP DRC implementations for multinationals running large scale transformation/S4HANA projects
- IT Architecture, Tax / eBilling consulting & implementation / support services are areas we seamlessly deliver thanks to a blended team of very experienced functional and technical experts who work with clients and partners who share our passion for technology
- Successful Implementations on all SAP DRC Country Supported Solutions
- Extensibility Solutions covering Baltics, Balkans, CIS Countries, Mauritius, Jordan, Central America, Africa (Zambia, Kenya, Ghana, Angola), Vietnam
- We also provide consulting support for Tax, statutory reporting and other products in the SAP Finance Space
- Along with our BTP partner Bluestonex we are able to provide strategic PMC offering for Excise Taxes



# CRIMSON SAP – SAP DRC solutions scalability



## EUROPE

Austria  
Belgium  
Denmark  
France  
Germany  
Greece  
Hungary  
Ireland  
Italy  
Luxembourg  
Netherlands  
Norway  
Poland  
Portugal  
Romania  
Spain  
Sweden  
Switzerland  
Türkiye  
United Kingdom

## LATAM

Brazil  
Chile  
Colombia  
Mexico  
Peru  
Paraguay  
Bolivia

## ASIA

Australia  
India  
New Zealand  
Thailand  
South Korea  
Singapore  
Malaysia  
Philippines  
Bangladesh  
Japan

## MIDDLE EAST

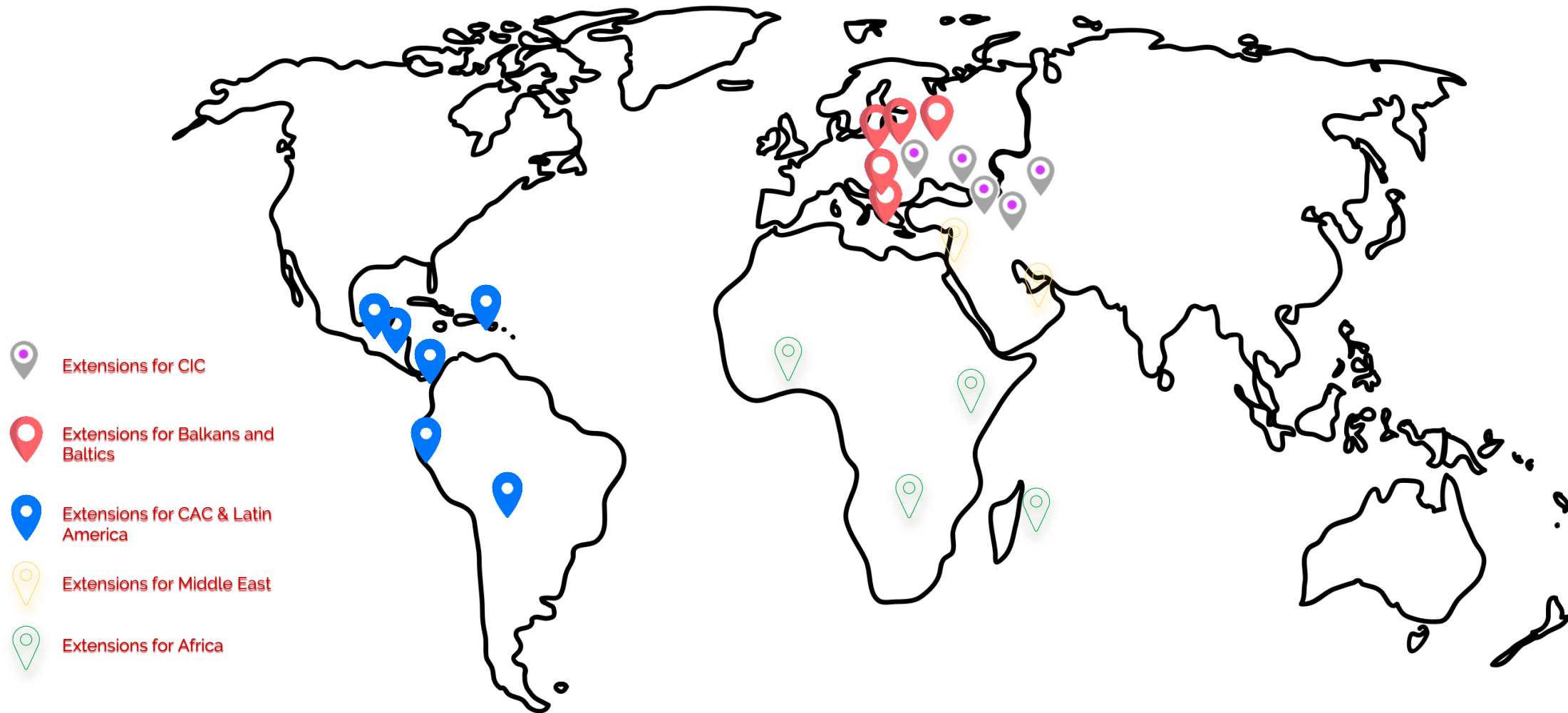
Israel  
Egypt  
Saudi Arabia  
United Arab Emirates  
(Pilot)  
Jordan  
Oman

## REST OF THE WORLD

Mauritius  
Balkans  
GUS Countries  
Central & Latin America  
Ghana  
Zambia  
Kenya  
Uganda

Our team have worked on implementations of SAP DRC Full Solutions & Our Extensibility Template across 60+ countries to date in multiple industries

# SAP DRC – extension solutions by CRIMSON SAP



# Digitalisation trend & background of e-invoicing in Baltic countries



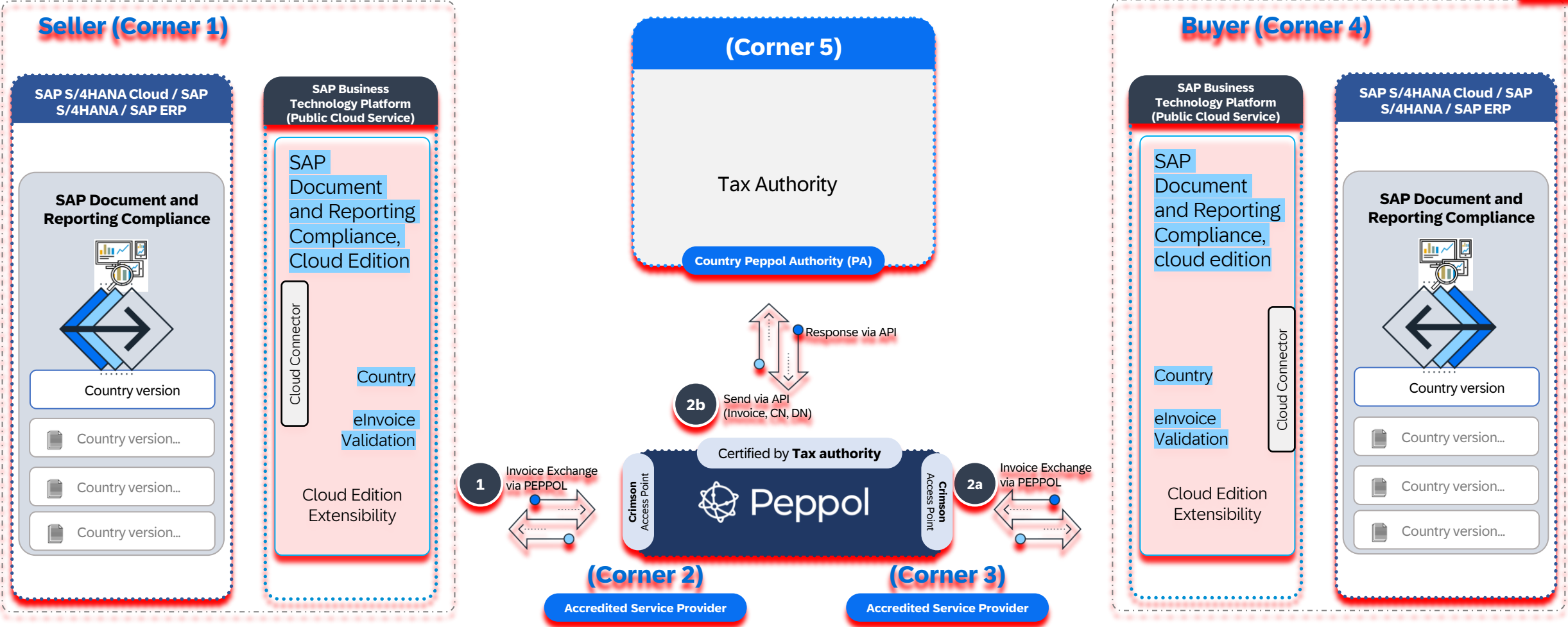
Estonia, Latvia, and Lithuania are actively implementing e-invoicing, with Estonia leading the way and all three countries aiming for mandatory B2B e-invoicing by 2027, driven by EU trends and the benefits of streamlined processes

Country	Legal mandate	E-invoicing model
Estonia	<ul style="list-style-type: none"><li>•<b>Mandatory B2G:</b> Since 2019, e-invoicing is mandatory for transactions between businesses and the public sector (B2G).</li><li>•<b>Mandatory B2B:</b> From July 1, 2025, businesses can demand e-invoices from their suppliers, and by <b>2027</b>, B2B e-invoicing will be mandatory for all businesses.</li></ul>	European e-invoicing standard (EN 16931) is the default, for technical specification, versus the Estonian national standard (EVS 923)
Latvia	<ul style="list-style-type: none"><li>•<b>Mandatory B2G:</b> Since January 1, 2025, electronic invoicing is mandatory for transactions between the state administration and businesses.</li><li>•<b>Mandatory B2B:</b> Starting January 1, 2026, electronic invoicing between businesses will be mandatory.</li></ul>	The European standard (EN 16931) is fully implemented under UBL 2.1 and CII
Lithuania	<ul style="list-style-type: none"><li>•<b>Voluntary Adoption:</b> Many companies in Lithuania have voluntarily adopted e-invoicing solutions due to its benefits.</li><li>•<b>Future Mandate:</b> Based on the trend towards mandatory e-invoicing in Estonia, Latvia, and Europe, Lithuania will likely mandate B2B e-invoicing in the future.</li></ul>	European standard (EN 16931) is fully implemented under UBL v2.1. Electronic invoicing system, "eSaskaita", connected to the EU PEPPOL

# Solution architecture – Peppol 5 corner model

E-invoicing end-2-end (potential) process

Powered by SAP Document and Reporting Compliance, Cloud Edition

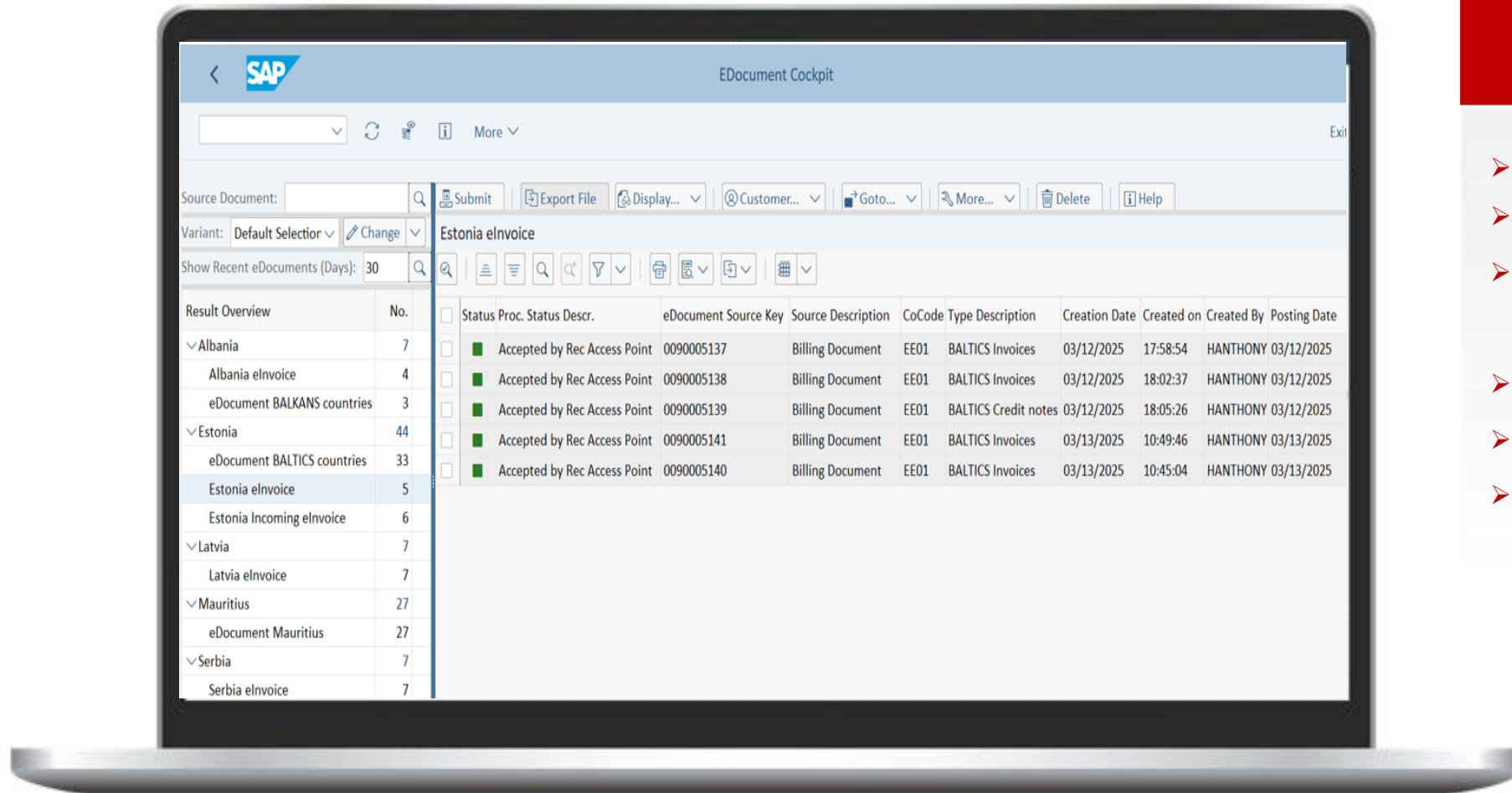




## Key capabilities (in both European and Estonian format):

- Generation of electronic invoices in XML format (FI, SD) for B2B and B2G
  - Tax invoice
  - Correction invoices
  - Self-billing invoices
  - FICA and RE-FX billing
  - Manual or automated invoice submission
  - Conversion of xml invoices into pdf readable format
- Receiving of e-invoices in XML format
  - XMLs can be integrated to VIM or via API to other Vendor software
  - HTML view of the xml

# SAP DRC extension solution Baltics DEMO – outgoing eInvoice



## Estonia

- Compliant XML for Estonia
- Direct Integration to Tax Authority
- eInvoicing outbound for SD & FI Invoicing plus FICA
- Approval Date & Time in DRC
- Response Files stored in DRC
- Inbound eInvoice processing



# SAP DRC extension solution Baltics DEMO - outgoing eInvoice



SAP EDocument Cockpit

Source Document:

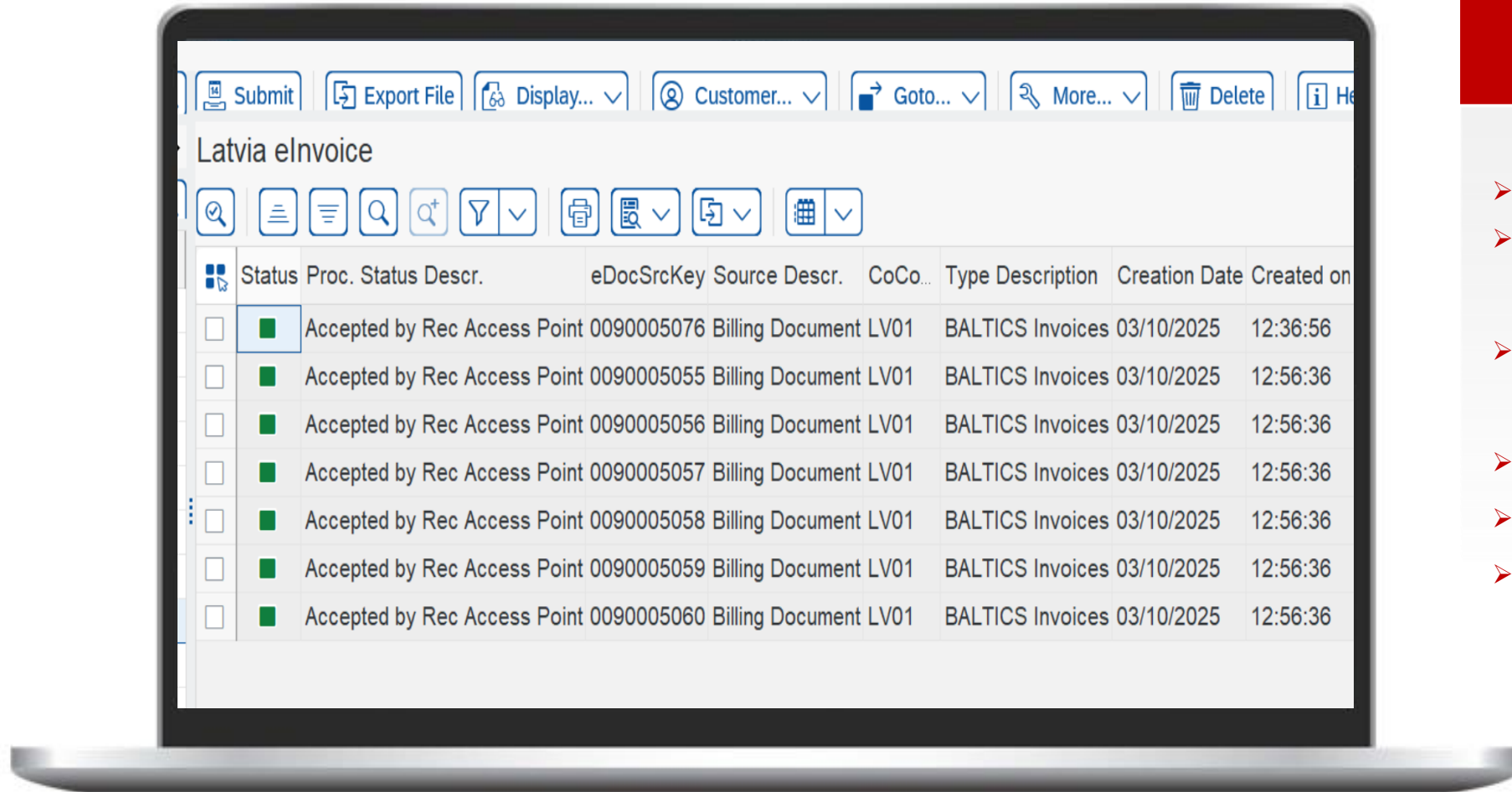
Variant: Default Selector

Show Recent eDocuments (Days):

Result Overview	No.	Status Proc.	Status Descr.	eDocSrcKey	Source Descr.	CoCode	Type Description	Creation Date	Created on	Created By	Posting Date
Albania	7										
Albania elnvoice	4		Accepted by Rec Access Point	0090005137	Billing Document	EE01	BALTICS Invoices	03/12/2025	17:58:54	HANTHONY	03/12/2025
eDocument BALKANS countries	3		Accepted by Rec Access Point	0090005138	Billing Document	EE01	BALTICS Invoices	03/12/2025	18:02:37	HANTHONY	03/12/2025
Estonia	45										
eDocument BALTICS countries	33		Accepted by Rec Access Point	0090005139	Billing Document	EE01	BALTICS Credit notes	03/12/2025	18:05:26	HANTHONY	03/12/2025
Estonia elnvoice	6		Accepted by Rec Access Point	0090005141	Billing Document	EE01	BALTICS Invoices	03/13/2025	10:49:46	HANTHONY	03/13/2025
Estonia Incoming elnvoice	6		Accepted by Rec Access Point	0090005140	Billing Document	EE01	BALTICS Invoices	03/13/2025	10:45:04	HANTHONY	03/13/2025
Latvia	7										
Latvia elnvoice	7										
Mauritius	27										
eDocument Mauritius	27										
Serbia	7										
Serbia elnvoice	7										

```
<?xml version="1.0"?>
<InvoiceType
  xmlns:n1="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"
  xmlns:n0="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"
  xmlns:prx="urn:sap.com:proxy:SH1:/1SAI/TAS6B2506B0F57870640DB7:758">
  <n1:UBLVersionID>2.2</n1:UBLVersionID>
  <n1:ID>0090005143</n1:ID>
  <n1:IssueDate>2025-03-13</n1:IssueDate>
  <n1:InvoiceTypeCode>1</n1:InvoiceTypeCode>
  <n1:TaxPointDate>2025-03-13</n1:TaxPointDate>
  <n0:OrderReference>
    <n1:ID/>
    <n1:SalesOrderID>0000005720</n1:SalesOrderID>
  </n0:OrderReference>
  <n0:AccountingSupplierParty>
    <n0:Party>
      <n0:PartyName>
        <n1:Name>Crimson Estonia EE</n1:Name>
      </n0:PartyName>
      <n0:PostalAddress>
        <n1:StreetName>Tuuliku 17</n1:StreetName>
        <n1:PostalZone>66105</n1:PostalZone>
      </n0:PostalAddress>
      <n0:Country>
        <n1:IdentificationCode>EE</n1:IdentificationCode>
      </n0:Country>
      <n0:PartyTaxScheme>
        <n1:CompanyID>EE100741900</n1:CompanyID>
      </n0:PartyTaxScheme>
      <n0:TaxScheme>
        <n1:ID>VAT</n1:ID>
      </n0:TaxScheme>
      <n0:PartyLegalEntity>
        <n1:RegistrationName>Crimson Estonia EE</n1:RegistrationName>
        <n1:CompanyID schemeID="0191">10342368</n1:CompanyID>
      </n0:PartyLegalEntity>
      <n0:Contact>
        <n1:Name>Crimsonsap</n1:Name>
        <n1:Telephone>7859765</n1:Telephone>
        <n1:ElectronicMail>testing@crimsonsap.com</n1:ElectronicMail>
      </n0:Contact>
    </n0:Party>
  </n0:AccountingSupplierParty>
  <n0:AccountingCustomerParty>
    <n0:Party>
      <n0:PostalAddress>
        <n1:StreetName>Vijandi 15</n1:StreetName>
        <n1:CityName>Tallinn</n1:CityName>
        <n1:PostalZone>72213</n1:PostalZone>
      </n0:PostalAddress>
      <n0:Country>
        <n1:IdentificationCode>EE</n1:IdentificationCode>
      </n0:Country>
      <n0:PartyTaxScheme>
        <n1:CompanyID>EE123456789</n1:CompanyID>
      </n0:PartyTaxScheme>
      <n0:TaxScheme>
        <n1:ID>VAT</n1:ID>
      </n0:TaxScheme>
    </n0:Party>
  </n0:AccountingCustomerParty>
</InvoiceType>
```

# SAP DRC extension solution Baltics DEMO – outgoing eInvoice



The screenshot displays the SAP DRC extension solution Baltics DEMO interface. The title bar indicates 'Latvia eInvoice'. The table lists several outgoing eInvoices, all of which are 'Accepted by Rec Access Point'. The columns include Status, Proc. Status, Descr., eDocSrcKey, Source Descr., CoCo..., Type Description, Creation Date, and Created on.

Status	Proc. Status	Descr.	eDocSrcKey	Source Descr.	CoCo...	Type Description	Creation Date	Created on
■	Accepted by Rec Access Point	0090005076 Billing Document	LV01	BALTICS Invoices	03/10/2025	12:36:56		
■	Accepted by Rec Access Point	0090005055 Billing Document	LV01	BALTICS Invoices	03/10/2025	12:56:36		
■	Accepted by Rec Access Point	0090005056 Billing Document	LV01	BALTICS Invoices	03/10/2025	12:56:36		
■	Accepted by Rec Access Point	0090005057 Billing Document	LV01	BALTICS Invoices	03/10/2025	12:56:36		
■	Accepted by Rec Access Point	0090005058 Billing Document	LV01	BALTICS Invoices	03/10/2025	12:56:36		
■	Accepted by Rec Access Point	0090005059 Billing Document	LV01	BALTICS Invoices	03/10/2025	12:56:36		
■	Accepted by Rec Access Point	0090005060 Billing Document	LV01	BALTICS Invoices	03/10/2025	12:56:36		

## Latvia

- Compliant XML for Latvia
- Peppol 5 corner model to meet e-reporting requirement
- eInvoicing outbound for SD & FI Invoicing plus FICA
- Approval Date & Time in DRC
- Response Files stored in DRC
- Inbound eInvoice processing



# SAP DRC extension solution Baltics DEMO – incoming eInvoice



The screenshot displays the SAP EDocument Cockpit interface. The top bar shows the SAP logo and the title 'EDocument Cockpit'. Below the bar, there are navigation and action buttons: 'Submit', 'Export File', 'Display...', 'Customer...', 'Goto...', 'More...', 'Delete', and 'Help'. The main area is divided into two sections. On the left, there is a 'Result Overview' table with columns for 'No.' and a list of countries and document types. On the right, there is a table titled 'Estonia Incoming eInvoice' with columns for 'Status', 'Stat.Desc.', 'eDocument Source Key', 'Source Description', 'CoCode', 'Type Description', 'Creation Date', 'Created on', 'Created By', and 'Posting Date'. The table lists several incoming source files for Estonia, all with a status of 'Created' and a creation date of 03/12/2025.

Result Overview	
No.	
7	Albania
4	Albania eInvoice
3	eDocument BALKANS countries
44	Estonia
33	eDocument BALTICS countries
5	Estonia eInvoice
6	Estonia Incoming eInvoice
7	Latvia
7	Latvia eInvoice
27	Mauritius
27	eDocument Mauritius
7	Serbia
7	Serbia eInvoice

Status	Stat.Desc.	eDocument Source Key	Source Description	CoCode	Type Description	Creation Date	Created on	Created By	Posting Date
Created		D73C0FCA7C211EDFBFEB210A8EFE1E9D	Incoming Source File	EE01	BALTICS Invoices	03/12/2025	15:40:40	BSIVA	03/12/2025
Created		D73C0FCA7C211EEFBFEBB1620EE78196	Incoming Source File	EE01	BALTICS Invoices	03/12/2025	16:17:50	BSIVA	03/12/2025
Created		D73C0FCA7C211EEFBFEBCE3EF7AD021D	Incoming Source File	EE01	BALTICS Invoices	03/12/2025	16:17:50	BSIVA	03/12/2025
Created		D73C0FCA7C211EEFBFEBCE67FA0021E	Incoming Source File	EE01	BALTICS Invoices	03/12/2025	16:17:50	BSIVA	03/12/2025
Created		D73C0FCA7C211EEFBFEBCE71FC44821F	Incoming Source File	EE01	BALTICS Invoices	03/12/2025	16:17:50	BSIVA	03/12/2025
Created		D73C0FCA7C211EEFBFEBD032EFDD0220	Incoming Source File	EE01	BALTICS Invoices	03/12/2025	16:17:50	BSIVA	03/12/2025

# SAP DRC extension solution Baltics DEMO – value mappings

