

# Using the Peppol Network for Domestic E-Invoicing in Sweden

## Overview

The Peppol (Pan-European Public Procurement On-Line) network enables standardized electronic document exchange between businesses. For Swedish domestic e-invoicing, both sender and receiver communicate through access points like HubBroker, which acts as the service provider connecting participants to the Peppol network.

## Key Components

### Participants

- **Sender:** The business issuing the e-invoice
- **Receiver:** The business receiving the e-invoice
- **Service Provider (HubBroker):** The certified Peppol access point facilitating the exchange

### Identification

Each participant needs a Peppol ID (also called Participant ID), which in Sweden typically uses:

- **Organisationsnummer** (Organization number) - format: 0007:SExxxxxxxxxx (10 digits with century prefix)
- **VAT number** (Momsnummer) - format: 9955:SExxxxxxxxxxxx
- **GLN** (Global Location Number)\*\* - format: 0088:73xxxxxxxxxx
- **Bankgiro/Plusgiro** - format: 0008:SExxxxxxx (alternative identifier)

## Outbound E-Invoicing Process (Sending)

### 1. Registration with HubBroker

- The sender registers as a Peppol participant through HubBroker
- Receives their Peppol ID configuration
- HubBroker registers the sender in the Peppol SMP (Service Metadata Publisher) directory

### 2. Invoice Creation

- Sender creates invoice in their ERP/accounting system
- Invoice is converted to Peppol BIS Billing 3.0 format (UBL or CII XML standard)
- SFTI (Swedish Forum for Electronic Invoicing) standards also supported for legacy compatibility

### 3. Transmission via HubBroker

Sender submits the e-invoice to HubBroker (via API, file upload, or system integration)  
HubBroker validates the invoice format and content  
HubBroker looks up the receiver's access point in the Peppol SML/SMP directory  
HubBroker sends the invoice through the Peppol network to the receiver's access point

### 4. Delivery Confirmation

- HubBroker provides delivery status back to the sender
- Sender receives confirmation that the invoice reached the receiver's access point

## Inbound E-Invoicing Process (Receiving)

### 1. Registration with HubBroker

- The receiver registers their Peppol ID with HubBroker
- HubBroker publishes the receiver's endpoint information in the Peppol SMP directory
- This makes the receiver discoverable to all Peppol senders

### 2. Invoice Reception

- When a sender transmits an invoice to the receiver's Peppol ID, the sender's access point queries the Peppol directory
- The directory returns HubBroker's endpoint information
- The invoice is routed through the Peppol network to HubBroker

### 3. Processing via HubBroker

- HubBroker receives and validates the incoming e-invoice
- HubBroker can transform the invoice format if needed (e.g., from XML to the receiver's preferred format)
- HubBroker notifies the receiver of the new invoice

### 4. Delivery to Receiver

- Invoice is delivered to the receiver through their preferred method:
- Direct integration with ERP/accounting system (API)
- Web portal access through HubBroker's platform
- Email notification with download link
- File transfer (SFTP, AS2, etc.)

## Swedish-Specific Requirements

For domestic Swedish e-invoicing via Peppol, ensure:

- **Organisationsnummer:** Swedish companies must use their organization number as the Peppol identifier (format 0007:SExxxxxxxxxx)
- **VAT requirements:** Invoices must include Swedish VAT information (Momsnummer) correctly formatted
- **SFTI compatibility:** Support for legacy SFTI standards where needed
- **Svefaktura format:** Legacy Swedish e-invoice format (being phased out in favor of Peppol)
- **Language:** Invoice content typically in Swedish for domestic transactions
- **Currency:** SEK (Swedish Krona) is the standard currency for Swedish domestic invoicing
- **Bankgiro/Plusgiro:** Swedish payment reference numbers should be included
- **OCR numbers:** Optical Character Recognition payment references commonly used
- **F-tax verification:** Verification of F-skatt (F-tax) status for contractors

## Swedish Public Sector E-Invoicing

Sweden has a well-established e-invoicing requirement for the public sector:

### Public Sector Mandate

- **Mandatory since 2008:** All suppliers to Swedish government must be able to receive e-invoices
- **2019 expansion:** Enhanced requirements aligned with EU directive 2014/55/EU
- **Peppol-based:** Swedish public sector uses Peppol network infrastructure
- **Coverage:** Central government, regions (landsting), and municipalities (kommuner)
- **SFTI legacy:** Earlier SFTI standards still in transition to full Peppol adoption

### Implementation

- **Peppol BIS Billing 3.0:** Standard format for public procurement
- **Organization number:** Public entities identified by organisationsnummer
- **National format:** SFTI compliant formats accepted alongside Peppol
- **HubBroker routing:** Simplifies connection to Swedish public sector entities

### Benefits of Using HubBroker as Service Provider

- **Single connection:** Connect once to reach all Peppol participants globally
- **Format handling:** HubBroker manages conversions between Peppol BIS, SFTI, Svefaktura, and other formats
- **Compliance:** Ensures invoices meet Peppol and Swedish legal requirements
- **Directory management:** HubBroker handles SMP registration and updates
- **Public sector gateway:** Facilitates connectivity to Swedish government entities
- **Support:** Technical assistance for onboarding and troubleshooting in Swedish context



- **Monitoring:** Track invoice status and delivery confirmations
- **Legacy support:** Handles transition from SFTI/Svefaktura to Peppol
- **Banking integration:** Support for Swedish payment systems (Bankgiro, Plusgiro)

### Implementation Steps

1. Choose your Peppol ID (typically organization number-based: 0007:SExxxxxxxxxx)
2. Sign agreement with HubBroker as your Peppol access point provider
3. Register for public sector (if supplying to Swedish government)
4. Configure integration between your systems and HubBroker
5. Test transactions in HubBroker's test environment
6. Go live and start exchanging e-invoices domestically and internationally

## Swedish E-Invoicing Landscape

Sweden has one of the most mature e-invoicing ecosystems in Europe:

### Current Status

- **Early adoption:** Sweden was a pioneer in e-invoicing adoption
- **High penetration:** Over 90% of B2B invoices in Sweden are electronic
- **Public sector leadership:** Government mandate drove initial adoption
- **Private sector maturity:** Strong B2B adoption across all sectors
- **Peppol transition:** Ongoing migration from legacy SFTI standards to Peppol
- **Digital culture:** Strong digital infrastructure and acceptance
- **No B2B mandate:** Voluntary adoption in private sector, driven by efficiency

### Historical Context

- **1995-2000:** Early EDI-based e-invoicing initiatives
- **SFTI formation:** Swedish Forum for Electronic Invoicing established standardization
- **2008:** Public sector e-invoice mandate introduced
- **2012:** Peppol adoption begins
- **2019:** Enhanced public sector requirements (EN 16931 compliance)
- **Present:** Transition from SFTI to Peppol as primary standard

## Key Swedish Standards

### Peppol BIS Billing 3.0

- **Current standard:** Modern international format
- **EN 16931 compliant:** European standard implementation
- **Public sector:** Required for government invoicing
- **Growing B2B:** Increasing private sector adoption



## SFTI (Swedish Forum for Electronic Invoicing)

- **Legacy standard:** Earlier Swedish e-invoicing framework
- **Transition phase:** Being phased out in favor of Peppol
- **Still supported:** Many systems still use SFTI formats
- **Compatibility:** HubBroker supports both SFTI and Peppol

## Svefaktura

- **Traditional format:** Older Swedish e-invoice standard
- **Declining use:** Being replaced by Peppol
- **Legacy support:** Some businesses still require Svefaktura compatibility
- **Conversion:** HubBroker can convert between Svefaktura and Peppol

## Public Sector (B2G) Specific Requirements

For invoicing Swedish public entities:

### Central Government (Statliga myndigheter)

- **Peppol mandatory:** All central government entities use Peppol
- **Organization number:** Public entities identified by organisationsnummer
- **Format:** Peppol BIS Billing 3.0 compliant
- **Registration:** Suppliers must be registered in Peppol network
- **HubBroker facilitation:** Simplifies connectivity to government endpoints

### Regions and Municipalities (Regioner och kommuner)

- **Widespread adoption:** High e-invoicing adoption at all levels
- **Peppol infrastructure:** Most entities accessible via Peppol
- **Local variation:** Some variation in specific requirements
- **Standardization trend:** Movement toward unified Peppol approach

## Private Sector (B2B) Landscape

### Current B2B Adoption

- **Voluntary:** No B2B mandate in place
- **Extremely high adoption:** Among highest in Europe (90%+ electronic)
- **Culture-driven:** Driven by efficiency culture and cost consciousness
- **Supply chain integration:** Deep integration in supply chains
- **SME adoption:** Even small businesses commonly use e-invoicing



## Sector-Specific Adoption

- **Manufacturing:** Near 100% e-invoicing adoption
- **Retail/FMCG:** Fully digitalized invoice processes
- **Construction:** High adoption, F-tax verification integrated
- **Healthcare:** Strong e-invoicing usage
- **Professional services:** Widespread adoption

## Technical Considerations

### Integration Approaches

- **API integration:** Direct integration with accounting/ERP systems
- **Web portal:** User-friendly interface for manual processing
- **File-based:** Batch processing via file transfer
- **Banking integration:** Integration with Swedish bank systems for payments

### Swedish Accounting Systems

- **Popular platforms:** Fortnox, Visma, PE Accounting, Björn Lundén
- **Cloud dominance:** Very high usage of cloud-based accounting software
- **HubBroker connectivity:** Pre-built integrations with major Swedish platforms
- **SIE format:** Swedish accounting standard (Standard Import Export)

## Payment References and Banking

### Swedish Payment Culture

- **Bankgiro:** Widely used payment clearing system
- **Plusgiro:** Alternative payment system (operated by PostNord)
- **OCR numbers:** Structured payment reference numbers for automated reconciliation
- **Autogiro:** Direct debit system for recurring payments
- **Prompt payment:** Generally good payment discipline (30 days standard)

### Payment Integration

- **IBAN format:** Swedish bank accounts in IBAN format
- **BIC/SWIFT codes:** For international payments
- **Automated reconciliation:** OCR/payment references enable automatic matching
- **Bank file integration:** Direct integration with Swedish bank systems





## VAT and Tax Compliance

### Swedish VAT Requirements

- **Momsnummer format:** SE followed by 12 digits
- **VAT rates:** 25% (standard), 12% (reduced), 6% (super-reduced)
- **Reverse charge:** Handling of reverse charge scenarios
- **Intra-community:** EU transaction requirements
- **F-skatt:** Tax registration for self-employed and contractors

### Record Keeping

- **Retention period:** 7 years for accounting records (bokföring)
- **Digital archiving:** E-invoices must maintain legal validity
- **Audit trail:** Complete audit trail required
- **Skatteverket access:** Swedish Tax Agency may request records

## F-Tax (F-skatt) Considerations

### F-Tax Overview

- **Tax registration:** Indicates approval for preliminary F-tax (förskottsskatt)
- **Contractor verification:** Buyers verify F-tax status before payment
- **Responsibility:** Prevents tax withholding obligations for buyers
- **Integration:** E-invoicing systems often include F-tax verification

### HubBroker Support

- **F-tax data:** Can include F-tax status in invoice metadata
- **Verification:** Support for Skatteverket F-tax database checks
- **Compliance:** Helps buyers fulfill verification obligations

## Cross-Border Considerations

### Intra-EU Trade

- **Seamless Peppol:** Standard Peppol approach for EU trading partners
- **VAT compliance:** Intra-community VAT handling
- **Language:** Consider language preferences of trading partners
- **Format flexibility:** Peppol ensures interoperability

## Nordic Cooperation

- **High interoperability:** Strong e-invoicing adoption across Nordic countries
- **Peppol standard:** Common Peppol infrastructure simplifies Nordic trade
- **Cultural similarity:** Similar business practices across Nordic region

## International Trade (Non-EU)

- **Customs documentation:** Additional requirements for non-EU trade
- **Peppol global:** Growing Peppol adoption in APAC and other regions
- **Format standards:** Peppol provides global standardization

## Swedish Business Culture and E-Invoicing

### Characteristics

- **Digital leaders:** Sweden is a global leader in digitalization
- **Efficiency focused:** Strong emphasis on process efficiency
- **Environmental awareness:** E-invoicing aligns with sustainability goals
- **Innovation adoption:** Early adopters of new technology
- **Cost consciousness:** Focus on cost reduction and optimization
- **Trust-based:** High trust in digital systems and processes

### E-Invoicing Drivers

- **Cost savings:** Significant reduction in invoice processing costs
- **Environmental:** Reduced paper consumption aligns with green values
- **Efficiency:** Faster processing and payment cycles
- **Accuracy:** Reduced errors from manual processing
- **Transparency:** Better visibility and control

## Sector-Specific Guidance

### Construction Industry

- **F-tax verification:** Critical for contractor payments
- **ROT/RUT deductions:** Tax deductions for home improvements/services
- **Payment terms:** Often longer payment terms with retention
- **Subcontractor chains:** Complex multi-level invoicing

### Manufacturing and Distribution

- **High volume:** Efficient processing of numerous invoices
- **Supply chain integration:** Deep ERP integration



- **Just-in-time:** Integration with inventory and logistics systems
- **International trade:** Mixed domestic and cross-border invoicing

### Professional Services

- **Time-based billing:** Integration with time tracking systems
- **Project invoicing:** Complex project and milestone billing
- **Expense handling:** Reimbursable expenses and disbursements
- **F-tax status:** Common for consultants and freelancers

### Public Sector Suppliers

- **Peppol mandatory:** Must have Peppol connectivity
- **Compliance:** Strict adherence to public procurement rules
- **Framework agreements:** Often part of larger framework contracts
- **Documentation:** Comprehensive documentation requirements

### Future Developments

#### Digital Evolution

- **Continued Peppol growth:** Further Peppol adoption replacing legacy standards
- **Automation:** Increased automation of invoice processing workflows
- **AI integration:** Machine learning for invoice validation and processing
- **Blockchain exploration:** Some interest in blockchain for invoice verification

#### EU Harmonization

- **ViDA initiative:** VAT in the Digital Age alignment
- **Cross-border simplification:** Continued simplification of EU trade
- **Standard adoption:** Ongoing alignment with European standards

#### Potential Developments

- **No B2B mandate expected:** Sweden unlikely to mandate B2B e-invoicing given high voluntary adoption
- **Enhanced integration:** Deeper integration with banking and payment systems
- **Real-time processing:** Movement toward real-time invoice and payment processing

### Preparing for Swedish E-Invoicing

#### To successfully implement Swedish e-invoicing:

1. **Organization number:** Ensure accurate Swedish organization number registration

2. **Public sector registration:** Register for Peppol if supplying government
3. **System assessment:** Review current invoicing processes and systems
4. **HubBroker integration:** Single point of connection for all e-invoicing needs
5. **Format compatibility:** Ensure support for Peppol (and SFTI if needed for legacy partners)
6. **Payment references:** Implement proper OCR/payment reference handling
7. **Banking integration:** Connect invoice processing with payment systems
8. **F-tax verification:** Implement F-tax checking for contractor payments
9. **Staff training:** Ensure team understands Swedish e-invoicing practices
10. **Trading partner communication:** Inform customers/suppliers of e-invoicing capability
11. **Testing:** Thorough testing before go-live
12. **Phased rollout:** Consider gradual implementation by trading partner segment

## Best Practices for Swedish Market

### Implementation Success Factors

- **Start with major customers:** Focus on largest trading partners first
- **Leverage accounting software:** Use popular Swedish platforms with built-in e-invoicing
- **Public sector priority:** Ensure public sector compliance if applicable
- **Legacy support:** Maintain compatibility with SFTI during transition period
- **Payment automation:** Integrate with Swedish banking systems
- **OCR best practices:** Implement proper OCR number generation
- **Monitor adoption:** Track e-invoicing adoption rates with partners

### Common Pitfalls to Avoid

- **Ignoring legacy formats:** Some partners may still require SFTI/Svefaktura
- **Poor payment references:** Inadequate OCR numbers cause reconciliation issues
- **F-tax oversight:** Failing to verify F-tax status for contractors
- **Testing shortcuts:** Insufficient testing with actual trading partners
- **Manual fallbacks:** Not having contingency for e-invoicing system issues

The Peppol network enables seamless domestic Swedish e-invoicing while also providing the capability to exchange invoices with international partners across Europe and beyond using the same infrastructure and processes. With Sweden's mature e-invoicing ecosystem, very high adoption rates, strong digital culture, and public sector mandate, adopting Peppol through HubBroker ensures compliance, positions businesses for continued growth, and leverages Sweden's leadership in digital business processes. The transition from legacy SFTI standards to Peppol provides an excellent opportunity for businesses to modernize their invoicing infrastructure while maintaining compatibility during the transition period.