

2. Product Suite Overview

Our solutions are designed to meet enterprises wherever they are on their digital journey. Whether a client runs a Tier-1 ERP, a mid-market accounting platform, or legacy on-premise applications, Softrust and Bluelight provide a path to FIRS e-invoicing compliance that is fast, safe, and future-proof.

2.1 SmartAPI – Enterprise Integration Backbone

SmartAPI is a fully featured REST API that connects ERP and billing systems directly to FIRS MBS. It is the recommended option for enterprises with IT capacity or integration partners.

Core Capabilities

- **Transformation** – Converts ERP invoice data into the canonical format and maps it automatically to FIRS MBS schema.
- **Compliance Services** – Generates IRN, QR codes, and digital signatures using PKI.
- **Submission** – Securely transmits invoices to FIRS in real time, handles acknowledgements, rejections, and pending statuses.
- **Archiving** – Stores evidence bundles (canonical payload, signed copy, QR, receipts, and logs) in WORM storage with 10-year retention.
- **Monitoring** – Provides dashboards for IT, Finance, and Compliance teams with full observability.
- **Resilience** – Includes retries, replay queues, and idempotency keys to eliminate duplication.

Integration Patterns

- SAP ECC (IDoc INVOIC02 via PI/PO)
- SAP S4/HANA (CPI iFlows via Billing Document API)
- Oracle, Dynamics, Sage, or custom systems (REST, SFTP, or flat file adapters)
- Non-ERP systems (direct REST calls with JSON payloads)

<diagram: SmartAPI integration pattern from ERP to SmartAPI to FIRS with archive and dashboards>

2.2 BlueInvoice – SaaS Web Invoicing Application

BlueInvoice is a fully online, browser-based invoicing platform. It allows enterprises, subsidiaries, or partners without ERP integration capability to generate, submit, and manage e-invoices quickly and independently.

Core Capabilities

- Create invoices with customer, product, and tax data, mapped to FIRS schema.
- Maintain master data for customers, products, HS codes, and tax codes.
- Generate IRNs, QR codes, and signed invoices automatically.
- Manage incoming invoices, acknowledgements, and rejections.
- Access dashboards showing submission volume, clearance status, and audit logs.
- Multi-user roles with approval workflows.

Benefits

- No installation required – fully SaaS.
- Rapid onboarding – live within days.
- Ideal for entities outside the main ERP or for pilot projects.

<diagram: BlueInvoice SaaS flow showing web entry, SmartAPI processing, and FIRS clearance>

2.3 Email Connector – Simplicity at Scale

The Email Connector is the most lightweight option for compliance. Enterprises simply send invoices as email attachments to a dedicated address.

Core Capabilities

- Accepts common formats (PDF, XML, CSV).
- Processes invoices automatically via SmartAPI engine.
- Generates IRN, QR, and signature, submits to FIRS, and archives.
- Sends acknowledgement or rejection responses back by email.
- Handles inbound invoices in the same workflow, delivering them to client mailboxes.

Benefits

- Zero integration effort – plug and play.
- Works even with legacy systems without APIs.
- Simple for small subsidiaries, third-party contractors, or business units with minimal IT support.

<diagram: Email Connector flow from client email → SmartAPI → FIRS → return email with receipt>

2.4 BlueBox – Non-Invasive Capture Technology

BlueBox enables enterprises with legacy or inflexible ERP systems to achieve compliance without any system modifications. It captures invoices at the point of output (print or batch), converts them into the required format, and processes them automatically.

Core Capabilities

- Capture invoices at print spooler, folder, or network port level.
- Transform captured files into SmartAPI canonical schema.
- Submit securely to FIRS with IRN, QR, and signature.
- Archive evidence bundles and deliver receipts back into ERP or email.
- Monitor and reconcile captured invoices through dashboards.

Benefits

- Zero change to ERP or billing systems.
- Works in highly restricted environments where APIs are not available.
- Fast path to compliance for legacy environments.

<diagram: BlueBox capture flow showing ERP print spool → BlueBox → SmartAPI → FIRS → archive and dashboards>

2.5 Product Fit by Client Context

Client Context	Recommended Solution	Rationale
Large enterprise with SAP, Oracle, or Dynamics	SmartAPI	Deep ERP integration, automation, scalability
Subsidiary or standalone entity without ERP	BlueInvoice	SaaS invoicing, rapid go-live, low IT requirement
Small or distributed business units	Email Connector	Simplest method, no integration effort
Legacy ERP with no APIs or locked down systems	BlueBox	Capture at source, no ERP changes needed

<diagram: Product capability matrix by use case and client profile>

2.6 Why Multiple Options Matter

Enterprises often have a mixed environment: SAP at headquarters, legacy systems in regional offices, small subsidiaries, and vendors without ERP. With Softrust and Bluelight, a single provider covers all scenarios through SmartAPI, BlueInvoice, Email Connector, and BlueBox. This eliminates the need to engage multiple vendors, reduces compliance risk, and simplifies governance.