



TECHNICAL PROPOSAL
REV 2 · SEPTEMBER 2026

FAWTARA E-INVOICING COMPLIANCE · SULTANATE OF OMAN

FATURATHI e-Invoicing Solution

A fully managed, OTA-approved path to compliance - GAP assessment, middleware integration, and ongoing subscription support under one partnership.



PREPARED BY

NETBUE · International Intelligence Solutions LLC

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OTA-APPROVED ASP

ISO 27001 & 9001

PEPPOL CERTIFIED ACCESS POINT

01 About NETBUE

NETBUE is a leading solutions and integration company with deep expertise across ICT, Cybersecurity, RegTech, Fintech, and bespoke software development - serving enterprises, government entities, and financial institutions.

Our strength lies not only in delivering best-in-class technology, but in owning the full lifecycle: design, deployment, support, and continuous optimisation.

INDEPENDENTLY VERIFIABLE

Registered member of OpenPeppol AISBL - listed on the official full members list at peppol.org.

ACCREDITATION

OTA-approved Access Point Service Provider for Oman

NETWORK



PEPPOL Certified Access Point (AP) & SMP

CERTIFICATIONS

ISO 9001:2015 · ISO 27001:2022

02 Why FATURATHI

A NETBUE-owned platform purpose-built for the Oman FAWTARA mandate - OM-PINT generation, PEPPOL AS4 transmission, OTA TDD submission, and full compliance for B2B, B2G and B2C (simplified) flows.

OMAN-FIRST

Built for FAWTARA

Full compliance with FAWTARA specifications and workflows from day one - not a retro-fitted global product.

SOVEREIGNTY

100% data in Oman

Production and Disaster Recovery environments provisioned in Oman-based data centres.

RETENTION

10-year archival

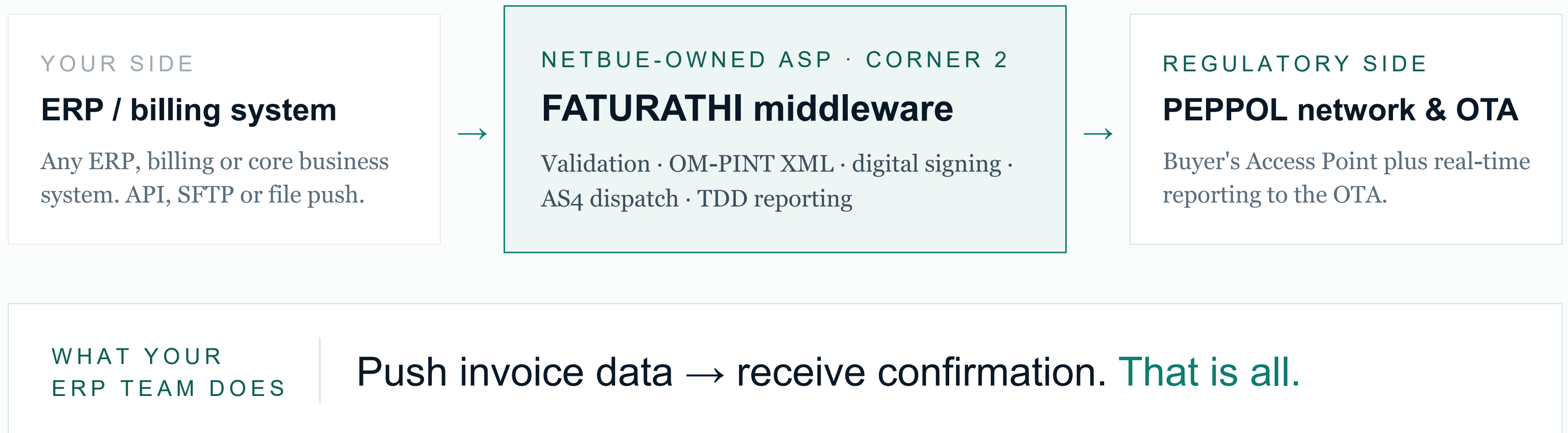
Tamper-evident e-invoice archive with a searchable audit trail for instant retrieval during audits.

- Full lifecycle ownership by NETBUE - zero hand-off risk

- End-to-end coverage as both Sender (C2) and Receiver (C3) ASP

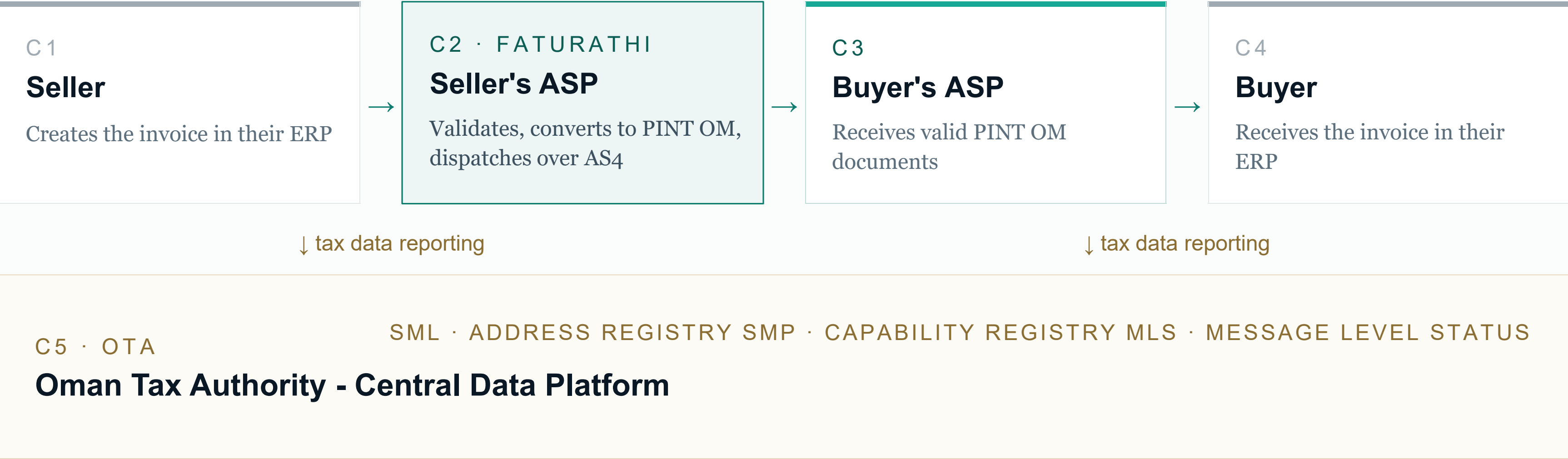
03 How FATURATHI works

Faturathi is the middleware layer between your ERP or billing system and the PEPPOL/OTA infrastructure - absorbing all technical and regulatory complexity.



04 FAWTARA transaction model

Oman has adopted the PEPPOL 5-Corner Model. Seller and buyer each connect through their own Access Point; the OTA (Corner 5) receives tax data independently from both.



Note: NETBUE operates as both Sender ASP (C2) and Receiver ASP (C3) - end-to-end coverage on a single platform.

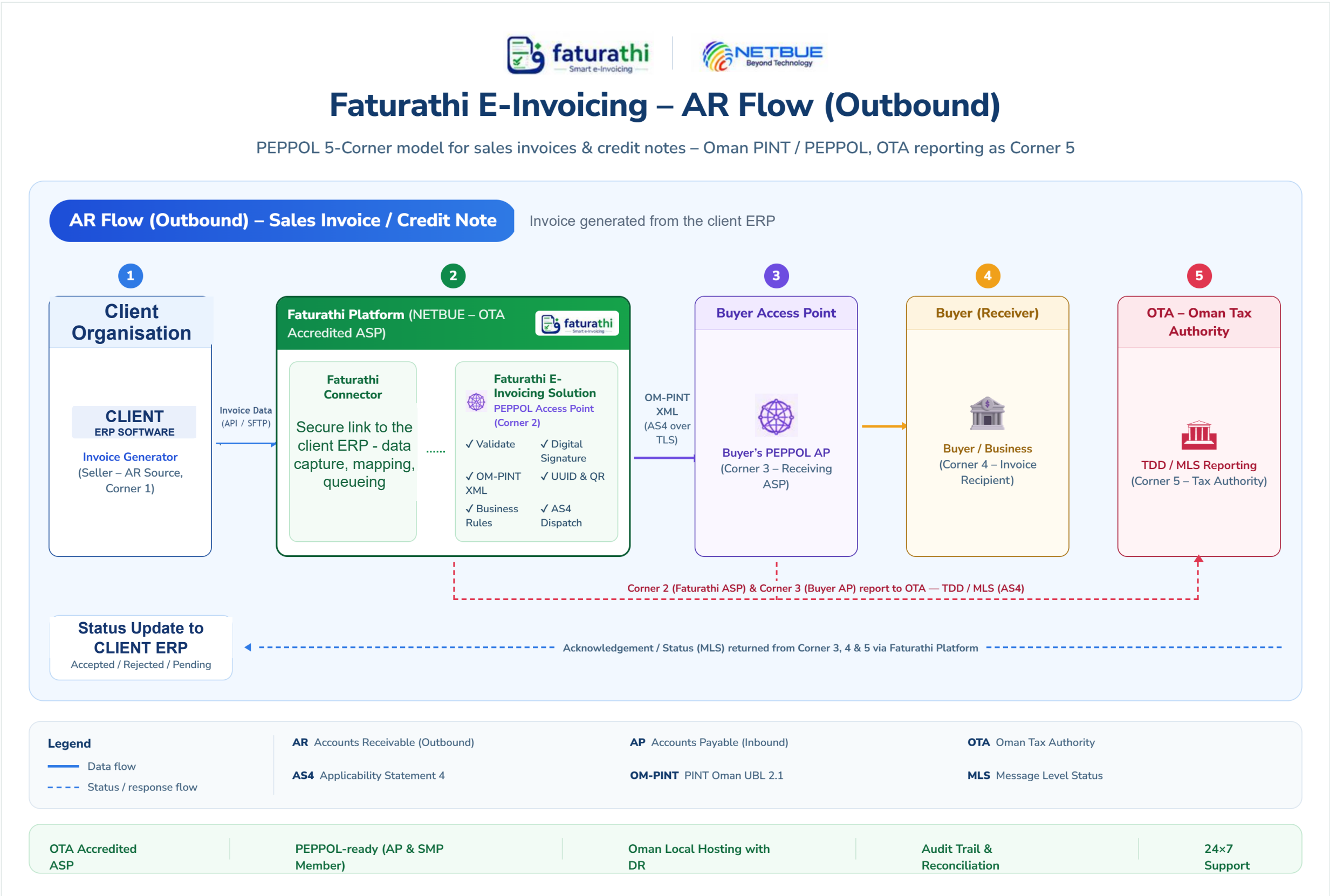
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OTA FAWTARA - mandate timeline

All VAT-registered businesses must issue and receive e-invoices in OM-PINT XML through an OTA-approved ASP, with data reported to the OTA Central Data Platform in real time.

MILESTONE	SCOPE
Nov 2025 – Mar 2027	Specifications published · Oman recognised as PEPPOL Authority · Fawtara portal and service provider accreditation · taxpayers onboard with OTA-authorised service providers
1 Apr 2027 - Phase 1	VAT-registered businesses with annual turnover above OMR 5 million. Paper and unstructured PDF invoices are no longer legally valid for this group.
1 Oct 2027 - Phase 2	All remaining VAT-registered businesses, including SMEs and mid-market.

INVOICE TYPES	FORMAT	NETWORK	REPORTING
B2B · B2G · B2C · Export	OM-PINT UBL 2.1 XML	PEPPOL AS4 · 5-corner	Real-time TDD to OTA



08 Platform features

OM-PINT invoice generation

Validated UBL 2.1 XML in Oman PINT format with all mandatory and conditional fields.

PEPPOL AS4 transmission

Certified AS4 messaging with SML/SMP resolution and delivery confirmation.

OTA Tax Data Document

Automatic TDD generation and real-time submission to the Central Data Platform.

QR code (TLV) generation

Base64-encoded TLV QR codes for B2C simplified invoices, as required by OTA.

MLS processing

Full Message Level Status receipt, relay and error handling for rejected invoices.

Compliance auto-updates

Regulatory and schema updates applied automatically - no client action required.

MIS analytics dashboard

Invoice tracking, rejection analysis, submission trends and audit-ready logs.

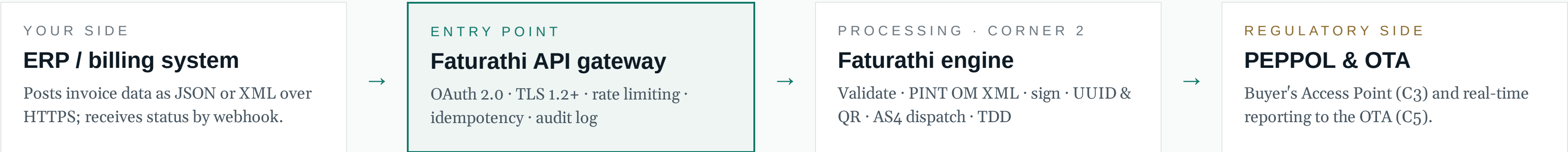
Multi-ERP & format support

API, SFTP and file-based ingestion of XML, CSV, JSON and XLSX from any system.

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ERP integration - REST API

Your ERP connects to Faturathi through a secure REST API - it pushes sales invoices and credit notes, tracks each document to OTA reporting, and pulls validated supplier invoices. No PEPPOL, AS4 or OTA logic is needed inside the ERP.



API AT A GLANCE	
STYLE	RESTful, JSON over HTTPS - UBL 2.1 / PINT OM XML also accepted
PRODUCTION	https://api.faturathi.com/v1
SANDBOX	https://sandbox.api.faturathi.com/v1
AUTHENTICATION	OAuth 2.0 client credentials - JWT bearer token
STATUS UPDATES	Signed webhooks (push) or status polling (pull)
VERSIONING	Version in the path (/v1) - 12 months' notice before retirement
DELIVERABLES	OpenAPI 3.1 specification, Postman collection and sandbox keys

INTEGRATION OPTIONS	
RECOMMENDED	REST API - real time Document-by-document or batch submission with instant acknowledgement.
BATCH	SFTP file drop XML, CSV, JSON or XLSX files picked up on a schedule; results written back.
PRE-BUILT	ERP connectors SAP, Oracle, Dynamics 365, Odoo, ERPNext, Tally, Zoho Books, QuickBooks.

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API authentication & security

Every call is authenticated, encrypted and logged. Credentials are issued per legal entity and per environment, and can be revoked instantly.

OAuth 2.0 - Client Credentials

- 1

Credentials issued
NETBUE issues a client ID and secret per legal entity - sandbox first, production after UAT sign-off.
- 2

Token requested
The ERP exchanges its credentials for an access token, valid for 60 minutes.
- 3

API called
Every request carries the token as a Bearer header; expired tokens return 401.

TOKEN REQUEST

```
POST /oauth/token
Content-Type: application/x-www-form-urlencoded

grant_type=client_credentials
&client_id=erp-[entity]-prod
&client_secret=*****
&scope=invoices:write invoices:read inbound:read

// 200 OK
{
  "access_token": "eyJhbGciOiJSUzI1NiIs... ",
  "token_type": "Bearer",
  "expires_in": 3600
}
```

Request Headers

Header	Value	When
Authorization	Bearer <access_token>	Every call
Content-Type	application/json or application/xml	All POST calls
Idempotency-Key	Unique UUID per document	Submit calls - blocks duplicates on retry
X-Seller-VAT	Seller VAT number	Multi-entity accounts
X-Request-ID	Your correlation ID	Optional - echoed in responses and logs

Security Controls

Encryption in transit
TLS 1.2 minimum, TLS 1.3 preferred

Mutual TLS
Optional client certificates for ERP-to-gateway traffic

IP allow-listing
Calls accepted only from registered ERP addresses

Least-privilege scopes
Separate write, read and inbound permissions

Secret rotation
Client secrets rotated every 90 days, on demand if exposed

Signed webhooks
HMAC-SHA256 signature and timestamp on every callback

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API endpoint reference

One consistent set of endpoints covers both directions - sales documents out (AR) and supplier documents in (AP) - plus status, documents and directory lookups.

AR - OUTBOUND SALES DOCUMENTS		
POST	/v1/invoices	Submit a sales invoice (JSON) - validated, converted, signed, sent and reported
POST	/v1/invoices/xml	Submit a ready UBL 2.1 / PINT OM XML document
POST	/v1/credit-notes	Submit a credit note referencing the original invoice
POST	/v1/invoices/batch	Submit up to 500 documents in one call, processed asynchronously
POST	/v1/invoices/validate	Dry-run validation - no transmission, no OTA reporting
STATUS & DOCUMENTS		
GET	/v1/invoices/{id}	Current status, MLS response and OTA reporting result
GET	/v1/invoices?status=&from=&to=	Search and list documents with filters and paging
GET	/v1/invoices/{id}/xml	Signed PINT OM XML exactly as transmitted
GET	/v1/invoices/{id}/pdf	Readable PDF copy with QR code for the customer

AP - INBOUND SUPPLIER INVOICES		
GET	/v1/inbound/invoices?status=new	Pull validated supplier invoices received over PEPPOL
GET	/v1/inbound/invoices/{id}	Full invoice in JSON or XML, with attachments
POST	/v1/inbound/invoices/{id}/ack	Confirm posting in the ERP, or reject with a reason
DIRECTORY & WEBHOOKS		
GET	/v1/participants/{peppolId}	Check whether a buyer is registered on PEPPOL (SMP lookup)
POST	/v1/webhooks	Register a callback URL and the events to receive
GET	/v1/health	Service health check for ERP-side monitoring
CONVENTIONS All timestamps in ISO 8601 (UTC) · amounts in OMR with two decimals · list calls are paged (cursor, max 200 per page) · every response carries an X-Request-ID for support.		

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Submitting an invoice

REQUEST - SALES INVOICE (B2B)

```
POST /V1/INVOICES

POST /v1/invoices
Authorization: Bearer eyJhbGciOi...
Idempotency-Key: 6f1d2c7a-3b9e-4e21-a5c8-0d4f7b2e9a13

{
  "documentType": "380",
  "invoiceNumber": "INV-2026-000184",
  "issueDate": "2026-09-23",
  "currency": "OMR",
  "transactionType": "B2B",
  "seller": { "vatNumber": "OM1100XXXXXX", "name": "[Seller legal name]" },
  "buyer": { "vatNumber": "OM1100YYYYYY", "name": "[Buyer legal name]",
            "peppolId": "[scheme]:[identifier]" },
  "lines": [
    { "lineId": "1", "description": "Network switch 24-port",
      "quantity": 2, "unitCode": "EA", "unitPrice": 450.00,
      "vatCategory": "S", "vatRate": 5 }
  ],
  "totals": { "lineExtension": 900.00, "vatAmount": 45.00, "payable": 945.00 }
}
```

The ERP sends business data only. Faturathi derives the PINT OM XML, tax subtotals, UUID, signature and QR code.

RESPONSE - RETURNED IN SECONDS

```
RESPONSE

// 202 Accepted
{
  "documentId": "ftr_7Q2K9M4X",
  "uuid": "9f4c2a1e-5b7d-5c3e-8a21-6d0f3b7e4c19",
  "invoiceNumber": "INV-2026-000184",
  "status": "RECEIVED",
  "links": { "self": "/v1/invoices/ftr_7Q2K9M4X" }
}
```

STATUS LIFECYCLE

RECEIVED	Accepted by the gateway and queued
VALIDATED	PINT OM schema and business rules passed
SIGNED	Digitally signed; UUID and QR applied
TRANSMITTED	Sent over AS4 to the buyer's Access Point (C3)
DELIVERED	C3 acknowledgement received (MLS)
REPORTED	Tax Data Document accepted by the OTA (C5)
REJECTED	Failed validation or MLS rejection - errors returned with rule ID, field and message

B2C simplified invoices skip transmission: VALIDATED → SIGNED → REPORTED.

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Webhooks, errors & service limits

WEBHOOK EVENTS - PUSHED TO YOUR ERP

invoice.validated	Passed all PINT OM checks
invoice.delivered	Buyer’s Access Point confirmed receipt
invoice.reported	OTA accepted the Tax Data Document
invoice.rejected	Validation or MLS rejection, with errors
inbound.received	New supplier invoice ready to pull
batch.completed	All documents in a batch processed

SAMPLE CALLBACK

```
POST https://[your-erp-endpoint]/faturathi/events
X-Faturathi-Signature: t=1790150400,v1=5e8a41c...

{
  "event": "invoice.rejected",
  "documentId": "ftr_7Q2K9M4X",
  "invoiceNumber": "INV-2026-000184",
  "status": "REJECTED",
  "errors": [
    { "code": "[PINT OM rule ID]", "field": "buyer.vatNumber",
      "message": "Buyer VAT number format is invalid" }
  ]
}
```

HTTP RESPONSE CODES

200 / 202	Success - 202 means accepted for asynchronous processing
400	Malformed request or invalid JSON / XML
401	Missing, invalid or expired access token
403	Scope or legal entity not permitted for this client
404	Document not found
409	Duplicate - same Idempotency-Key or invoice number already submitted
422	Business-rule failure - each error lists PINT OM rule, field and message
429	Rate limit reached - retry after the Retry-After header
5xx	Temporary platform error - safe to retry with the same Idempotency-Key

RATE LIMIT

50 requests/second per entity, burst 100 - raised on request

BATCH SIZE

Up to 500 documents per call

PAYLOAD

Up to 10 MB per document, attachments included

WEBHOOK RETRIES

Exponential back-off for 24 hours; reply 2xx within 10 seconds

Indicative specification. The final endpoint list, field mapping and payload schema are confirmed during the Phase 1 GAP Assessment and issued to your IT team as the Faturathi API Specification (OpenAPI 3.1).

14 Make your first API call

Submit a sales invoice to Faturathi from your ERP. Call `POST /v1/invoices` with your access token, seller VAT number and invoice payload.

- **Authenticate.** Use a Bearer token and set the `X-Seller-VAT` header for the issuing entity.
- **Choose routing.** Set `transactionType` (B2B, B2G, B2C) and the buyer's `peppolId`. Faturathi finds the buyer's Access Point and reports to the OTA automatically.
- **Send the document.** Include parties, totals and at least one invoice line in `lines`.
- **Track the result.** Receive status by webhook, or poll `GET /v1/invoices/{id}`.

EXPECTED RESPONSE

202 Accepted · documentId · uuid · status: RECEIVED

Full API endpoint reference →

Sandbox values shown. Production base URL and credentials are issued after UAT sign-off.

cURLNodePythonJavaPHP

```
curl -X POST \
  "https://sandbox.api.faturathi.com/v1/invoices" \
  -H "Authorization: Bearer $FATURATHI_ACCESS_TOKEN" \
  -H "Content-Type: application/json" \
  -H "X-Seller-VAT: $SELLER_VAT_NUMBER" \
  -H "Idempotency-Key: $(uuidgen)" \
  -d '{
    "documentType": "380",
    "invoiceNumber": "INV-2027-000001",
    "issueDate": "2027-04-01",
    "currency": "OMR",
    "transactionType": "B2B",
    "seller": { "vatNumber": "0M1100XXXXXX", "name": "[Seller legal name]" },
    "buyer": { "vatNumber": "0M1100YYYYYY", "name": "[Buyer legal name]",
              "peppolId": "[scheme]:[identifier]" },
    "lines": [
      { "lineId": "1", "description": "Network switch 24-port",
        "quantity": 2, "unitCode": "EA", "unitPrice": 450.00,
        "vatCategory": "S", "vatRate": 5 }
    ],
    "totals": { "lineExtension": 900.00, "vatAmount": 45.00, "payable": 945.00 }
  }'
```

15 Engagement - three phases

PHASE 1

Detailed GAP Assessment

ONE-TIME · 1–2 WEEKS

Diagnostic review of systems, processes and data quality against OTA OM-PINT requirements.

- GAP Analysis Report
- Field Mapping Matrix
- Remediation plan for your IT team
- Integration architecture recommendation
- Implementation roadmap

PHASE 2

Middleware Integration

3–6 WEEKS FROM PHASE 1

NETBUE builds and deploys the connector between your ERP and the PEPPOL/OTA infrastructure.

- API connector development
- OM-PINT generation engine
- AS4 transmission setup
- OTA TDD submission
- Go-live & 2-week hypercare

PHASE 3

Annual Subscription

MONTHLY BILLING · FROM GO-LIVE

Managed service covering all ongoing e-invoicing operations and compliance.

- Platform access (portal + API)
- All PEPPOL transmission & TDD
- MIS dashboard and audit logs
- Automatic regulatory updates
- SLA-based incident management

Your team's responsibilities are limited to ERP-side extraction, test data, UAT sign-off - with NETBUE's technical guidance throughout.

Solution models

Both models include the full regulatory compliance stack. They differ in hosting, commercial structure and infrastructure ownership.

MODEL 1 NETBUE Managed SaaS + NETBUE as Access Point	Fully managed platform; NETBUE acts as the Peppol Access Point and carries all OTA compliance obligations. No infrastructure investment.	BEST FOR Fastest path to Phase 1 readiness with minimal internal IT involvement.
MODEL 2 Client-hosted platform + annual licence	Hosted in your environment under annual subscription. You manage infrastructure and data; NETBUE provides OTA compliance and Peppol support.	BEST FOR Organisations needing full control of hosting environment and data.

17 Next steps

01 · Day 1–3

Share the proposal

Review with your finance, IT and compliance teams.

02 · Day 3–5

Scoping call

45 minutes to confirm requirements, volumes and ERP setup.

03 · Day 5–7

Engagement letter

Formal confirmation of scope, fees and timelines for approval.

04 · Day 7+

Kick-off

Phase 1 GAP Analysis begins on signature and first payment.

Ready to get started?

Contact NETBUE to schedule your scoping call and secure FAWTARA readiness ahead of the Phase 1 deadline.

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