

eSignatures Integration for ERPNext (Quotation)

Overview

This application integrates eSignatures with ERPNext to enable electronic signing of Quotations.

It allows users to send Quotations for signature, track signing status, and update records automatically.

The screenshot displays the ERPNext Quotation interface for document 'SAL-QTN-2025-00001'. The document is in 'Draft' status and is assigned to 'Seeemaaaaabbb'. The interface includes a sidebar with navigation options like 'Assigned To', 'Attachments', 'Tags', and 'Share'. The main content area shows the 'Details' tab with the following information:

Quotation To *	Date *	Order Type *
Customer	25-12-2025	Sales

Customer *	Valid Till	Signing Uri
Seeemaaaaabbb	25-01-2026	https://esignatures.com/sign/8fcb6057-b6c

Customer Name	Signature Date	Contract ID
Seeemaaaaabbb	25-12-2025	d998c4bd-c9e4-4f0d-8a53-25b6c77035d6

eSignature Template	Signature Sent	Document Signed
Test	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Signed PDF URL

https://esignatures-production-us-east-1.s3.amazonaws.com/contract_records/2025/141c9efe-abb6-4f0b-a7e9-463d657f6f64/d998c4bd-c9e4-4f0d-8a53-25b6c77035d6/20251225-Test%20-%20Seeemaaaaabbb.pdf?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAQCASMIJFRMRV4LM4%2F20251225%2Fus-east-1%2Fawslogs-request&X-Amz-Date=20251225T145309Z&X-Amz-Expires=259200&X-Amz-SignedHeaders=host&X-Amz-Signature=95c67c455d96cf7ce64ebba0a5b7230663041af3184bab251a431f223753f094

Currency and Price List

Features

- Send ERPNext Quotations for electronic signature
- Dynamic template selection from eSignatures account
- Flexible placeholder mapping for any template design
- Automatic email with Quotation PDF and signing link
- Webhook-based status update after signing
- Signed PDF URL and signature date stored on Quotation
- Notifications for internal users

Installation

- a) Get the app:
bench get-app esign <repository-url>
- b) Install on site:
bench --site your-site-name install-app esign
- c) Run migration:
bench migrate

Configuration

- a) Go to:
ERPNext → eSignatures → eSignatures Settings
 - eSignature API Token

The screenshot shows the 'eSignatures Settings' page. The 'Placeholder Mappings' table is highlighted with a red box. The table has the following data:

No.	Frappe Field Name	eSignatures Placeholder Key
1	name	quotation_id
2	customer_name	signer_name
3	contact_email	signer_email
4	company	company
5	transaction_date	quotation_date
6	grand_total	total_amount

Example
Placeholders

- Paste your API token from eSignatures dashboard.
If no token is added, the app remains inactive

eSignatures Settings Doctype:

b) Placeholder Mappings

Map ERPNext Quotation fields to placeholders used in your eSignatures template.

Template Setup (eSignatures)

- Create a template in your eSignatures account
- Add text placeholders matching your mappings
- Save the template

Usage – Sending Quotation for Signature

- Open a Quotation (Draft)
- Select eSignature Template
- Click 'Send for Signature'
- Customer receives:
 - Quotation PDF
 - Signing link via email

Send for Signature Button



After Signing

Once the customer signs:

- Webhook updates the Quotation
- Signed PDF URL is saved
- Signature date is recorded
- Document marked as signed
- Notification sent to users

Signed Quotation

The screenshot shows the eSignatures dashboard for a quotation titled 'SAL-QTN-2025-00001'. The document is in 'Draft' status. A red box highlights a green notification bar that says 'This document has been signed.' Below this, the 'Details' tab is active, showing the following information:

Quotation To *	Date *	Order Type *
Customer	25-12-2025	Sales

Customer *	Valid Till	Signing Url
Seeemaaaabbb	25-01-2026	https://esignatures.com/sign/8fcb6057-b6c

Customer Name	Signature Date	Contract ID
Seeemaaaabbb	25-12-2025	d998c4bd-c9e4-4f0d-8a53-25b6c77035d6

eSignature Template: Test

Signed PDF URL: https://esignatures-production-us-east-1.s3.amazonaws.com/contract_records/2025/141c9efe-abb6-4f0b-a7e9-463d657f6f64/d998c4bd-c9e4-4f0d-8a53-25b6c77035d6/20251225-Test%20-%20Seeemaaaabbb.pdf?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAQCASMIJFRMRV4LM4%2F20251225%2Fus-east-1%2F%3%2Faws4_request&X-Amz-Date=20251225T145309Z&X-Amz-Expires=259200&X-Amz-SignedHeaders=host&X-Amz-Signature=95c67c455d96cf7ce84ebba0a5b7230663041af3184bab251a431f223753f094

Buttons: Signature Sent, Document Signed

Signed Document

Webhook Configuration

- Set webhook URL in eSignatures dashboard:
https://your-domain.com/api/method/esign.api.signature_webhook
 - This is required for automatic status updates.
- Webhook Configuration

The screenshot shows the 'Settings' page in the eSignatures dashboard. The URL in the browser is https://your-domain.com/api/method/esign.api.signature_webhook. The settings are as follows:

Setting	Value
Your support email address (Reply-to for integrations)	seemabasghar64@gmail.com
Your default API webhook endpoint	https://fcb952e17fa2.ngrok-free.app/api/method/esign.api.signature_webhook

Roles & Notifications

Role: e-signature

Users with this role receive notifications and emails when a Quotation is signed.

Troubleshooting

Templates not loading:

- Check API token in settings

Button not visible:

- Quotation must be Draft and unsigned

Signed PDF not updating:

- Verify webhook URL

Security

- API token stored securely as Password field
- Webhook verified using HMAC SHA256
- No unnecessary data stored