



Straatos BPM Platform Invoice Processing App

Invoice processing is one of the most important parts of the Accounts Payable (AP) process for any organisation. Organisations wrestle with the challenges of receiving paper invoices, matching the information against purchase orders, goods received notes, and the delicate task of general ledger (GL) coding.

The lack of automation and transparency ultimately leads to business challenges associated with accruals for financial closing and lack of corporate cash flow visibility. Chief financial officers and financial controllers need process visibility in the AP process to improve cash management, simplify reconciliation, streamline accruals, and produce more-accurate financial statements.

With the invoice processing app on Straatos BPM Platform, businesses rapidly transform invoice processes into digital processes that are easily designed, deployed, managed, and automated.



Street Name 1
70000 City Name
Tel: 0000 5555555
E-Mail: emailname@server.com

Invoice-Nr:
2011042401

Date:
24.04.2011

Clerk name/in-
Your Name

Invoice

Dear Ms Current Name,
I authorize myself to make following Invoice:

Num.	Qty	Units	Article Nr.	Goods, Service	Unit Price	Price
1	1	pcs		Food photography for summer menu. Menu design and printing on glossy cardboard DIN A5 double sided 50 pieces	273.11 €	273.11 €
1	33	pcs.		Single product photo on white background	2.52 €	83.16 €
1	1	pcs.		Photo Licenses for Certificates	16.80 €	20.00 €
Total						273.11 €
VAT 19%						51.89 €
Total Amount Payable						325.00 €

Transform invoice processes into digital workflows

By leveraging the workflow capabilities of the invoice processing app, accounts payable departments can work smarter by relying on automated information capture, extraction and workflow technologies of Straatos BPM Platform.

Using the invoice processing app to create intelligent workflow processes, organisations minimise repetitive, time-consuming tasks, and remove paper from the entire invoice process by electronically capturing the invoice images and information.

With the BPM functionalities available in Straatos BPM Platform, organisations can clearly define, and easily manage:

- How invoice information is collected.
- What data is processed.
- How the invoices and relevant information are routed.
- Who to approve.
- How to match invoices against purchase orders and/or goods received notes.
- What data to export to ERP systems.



Transform your accountants into process experts

Using standard BPMN 2.0 graphics notations and a graphical user interface, the Process Designer instantly transforms your accountants into process experts. Accountants can easily design and configure invoice processing workflows by simply dragging and dropping flow objects like input channels, work steps, decision gateways routing rules in graphical process models which everyone understands.

User interfaces to match invoice processing work activities

Select the most applicable web client for every unique user task in the invoice process. Choose from 4 different web clients that are ergonomically designed to match the user's activities in the invoice processing flow. The user interfaces of the client applications are designed to be easy to use, and easily configurable to add new functionalities and data views to support user tasks.

Web clients	Description
Web validation (document-based)	Used for data entry and validation of invoice header information like invoice date, supplier's information, invoice amount, invoice numbers.
A.I. extraction validation	Designed for users to easily validate extracted results and train the A.I. engine on where to locate specific data on an invoice.
Document separation	If invoices are submitted in a batch (e.g, multiple invoices in one PDF file), this web client is designed for users to easily separate the pages into different documents and reorder the pages when necessary.
Task (form-based)	Used for line items validation, invoice matching and approvals. These tasks typically require the user to manage multiple fields, data tables, and information displays. This web client UI can be easily configured to include new functionalities and data views from external data sources.

Improve process visibility and consistency

Once a supplier's invoice initiates an invoice processing workflow on Straatos BPM Platform, the invoice and process audit information are instantaneously available to the organisations.

Every invoice follows a consistent process and work steps that comes with a complete audit trail. Authorised users will gain access to invoice information like supplier, the total amount, due date as well as process information of who made the last modification, or who and when approved a certain invoice. This information enables the finance team to easily identify and resolve process bottlenecks, handle exceptions, and meet supplier inquiries on their invoice process status.

Automated 3-way invoice matching

The invoice processing app automatically compares invoice details to purchase orders and records of received goods and services, saving accounts payable personnel time and ensuring vendor compliance. The invoice matching engine automatically matches invoice data against purchase orders (2-way) and goods received notes (3-way) on a wide range of information, including line-item details, item codes, line totals, and invoice headers.

Pay-as-you-use

With the pay-as-you-use Software-as-a-Service (SaaS) model of invoice processing app, there is no need to purchase physical hardware, operational or software licenses. Zero capital expense means not having to worry about over- or under-utilising the investment. The intuitive user interface shortens system implementation cycles, making them highly cost-effective.



Automated data extraction with A.I. capabilities

Not all invoices are alike. In fact, suppliers from a different industry and country tend to use invoices with their unique characteristics and layout. For example, invoices from Germany differs from Singapore in tax jargon, tax calculations and often the layout of these invoices varies greatly too.

Data extraction is performed in the invoice processing app with a cognitive data extraction engine. Using machine learning algorithms, the cognitive engine continuously learns from past experiences where specific data are found on different invoices or what they looked like.

These experiences are constantly updated in a shared knowledge base, which means organisations benefit from the cognitive experience gained from other customers.

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Leverage on cloud and workflow automation technologies

Hosted and built natively on Microsoft Azure cloud platform, the invoice processing app is offered as a SaaS solution and accessible from any location with an internet connection.

The app leverages on Microsoft technologies like Azure Cognitive service to automate data extraction from invoices; and MS Azure autoscaling feature that ensures that the app can support any sudden spikes of invoice volume without any performance deterioration.

What You Need to Know

Rapid deployment

Cloud-based deployment; eliminate IT costs and reduce time to market.

Great user experience

A zero learning curve, intuitive user interface, collaborative features, role-defined features and functionalities. Select from 4 client applications with user interfaces designed to match the user's work activities.

Efficiency with empowerment

Empowers suppliers to upload invoices with preset scanner settings and mandatory fields, or send invoices to dedicated email addresses, all centrally managed by the Admin Panel, the web administration console on Straatos BPM Platform.

Workflow-driven

With the Process Designer, create multi-level approval invoice process flows with flexible rule-based and intelligent routing (e.g. to manage low-value or validated invoices differently).

Visibility

Transparent and visible status of invoices in-process and reports availability.

Collaboration

Throughout the process, users can enter comments to provide added information to the rest of the users in the processes. If an invoice requires an external validation or added information, one-time access to the invoice processing app is provided to suppliers through a secured email. (Without the need to create an extra user account on the system)

Accountability

A historical view of each user's comments for every invoice as it progresses through each stage of the approval process.

Flexible pricing

No volume restrictions, unlimited users. No additional costs for the Mobile App.

A.I . data extraction (Machine learning)

Cognitive data extraction services using shared knowledge base eliminates complex, lengthy and tedious invoice templates setup that requires system experts.

Robust

Supports intercompany invoices, different VAT rates, checks and validates amounts.

Multiple languages

Supports processing of invoices in multiple languages.

Security

Security is assured by ensuring that all communications between servers and client applications are constantly updated and protected with the latest encryption methods.

Benefits at a Glance

Lower costs from the outset

Invoice processing app is easy to create, configure and deploy with zero software installation. The web clients are intuitive to use with minimal user training required.

Fast scalability

When business transactions increase, you will probably require more users accounts as well. The good news is that there are no charges for additional users. Enjoy continuous business growth without worrying about corresponding increases in cost.

Pay-per-invoice processing

As the invoice processing app is offered as a SaaS model, it eliminates capital investments for hardware and software. There are no lock-in periods (conditions applied) and no penalties should your organisation decide to terminate the services.

Web-based cloud application

Remote users can capture, validate, approve and code invoices directly from anywhere in the world. All that is required is an Internet browser and a PC connected with a scanner (for scanning only).

Supports multiple digital input channels

Using the Process Designer, define the different digital input channels where invoices can be submitted (e-invoices, web and mobile uploads, MFP and scanners and email attachments).

Mobility

Invoice processing app has a mobile app which can be downloaded for free on iTunes or Google Play Store. With the mobile app, users and suppliers alike from any location can submit invoices easily and efficiently!

Seamless integration

Data export functionalities supported in any ERP formats, including CSV, and XML. Direct integration can be rapidly achieved by using available webhooks and APIs.



CumulusPro helps businesses rapidly transform into digital enterprises by connecting people, processes and applications. Our cloud-based Business Process Management Platform-Straatos is designed to revolutionise how organisations and public institutions digitally communicate and collaborate with their customers, citizens, and partners. Digital enterprises typically improve their customer experience, increase customer satisfaction, business efficiency and productivity while reducing cost and time to market.

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