

TaxPlus[®]

TaxPlus AI Accounting Factory

Innovative Application White Paper

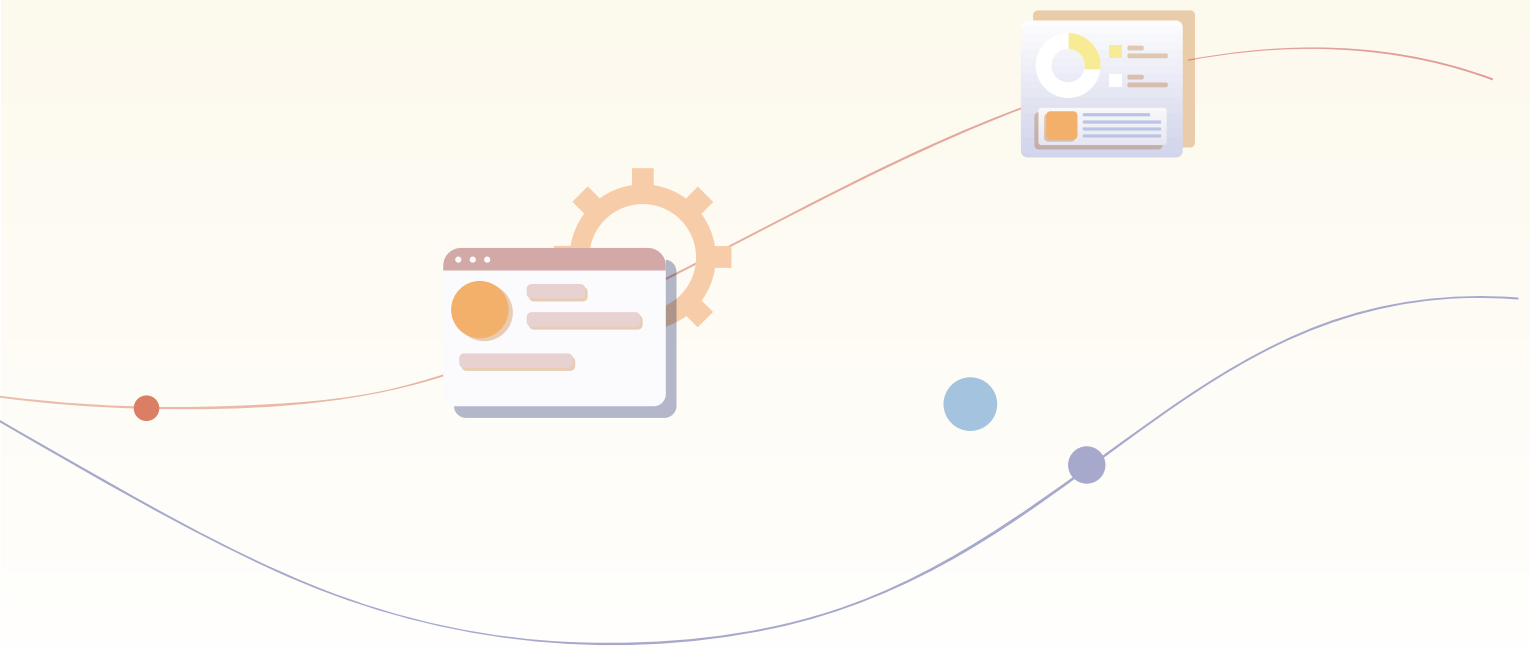


Nok World Limited


Foreword

Against the backdrop of global digital transformation, the financial and tax services industry is undergoing profound changes. The rapid advancement of artificial intelligence (AI), big data, and cloud computing is disrupting traditional business models. By leveraging the TaxPlus AI Accounting Factory engine, businesses can access efficient and precise financial and tax management solutions. TaxPlus AI Accounting Factory offers comprehensive, one-stop enterprise services, from tax compliance to intelligent analysis, significantly enhancing financial management efficiency. Through deep collaboration with banks and institutions, it enables direct bank-enterprise connectivity and real-time financial data services, helping enterprises broaden the scope and depth of financial and tax management, driving sustainable growth.

Traditional financial and tax management, plagued by issues like information silos, cumbersome operations, and lack of transparency, has led to increased costs and limited decision-making. However, the TaxPlus AI Accounting Factory has significantly improved financial and tax management efficiency, becoming a crucial catalyst for enterprise digital transformation.



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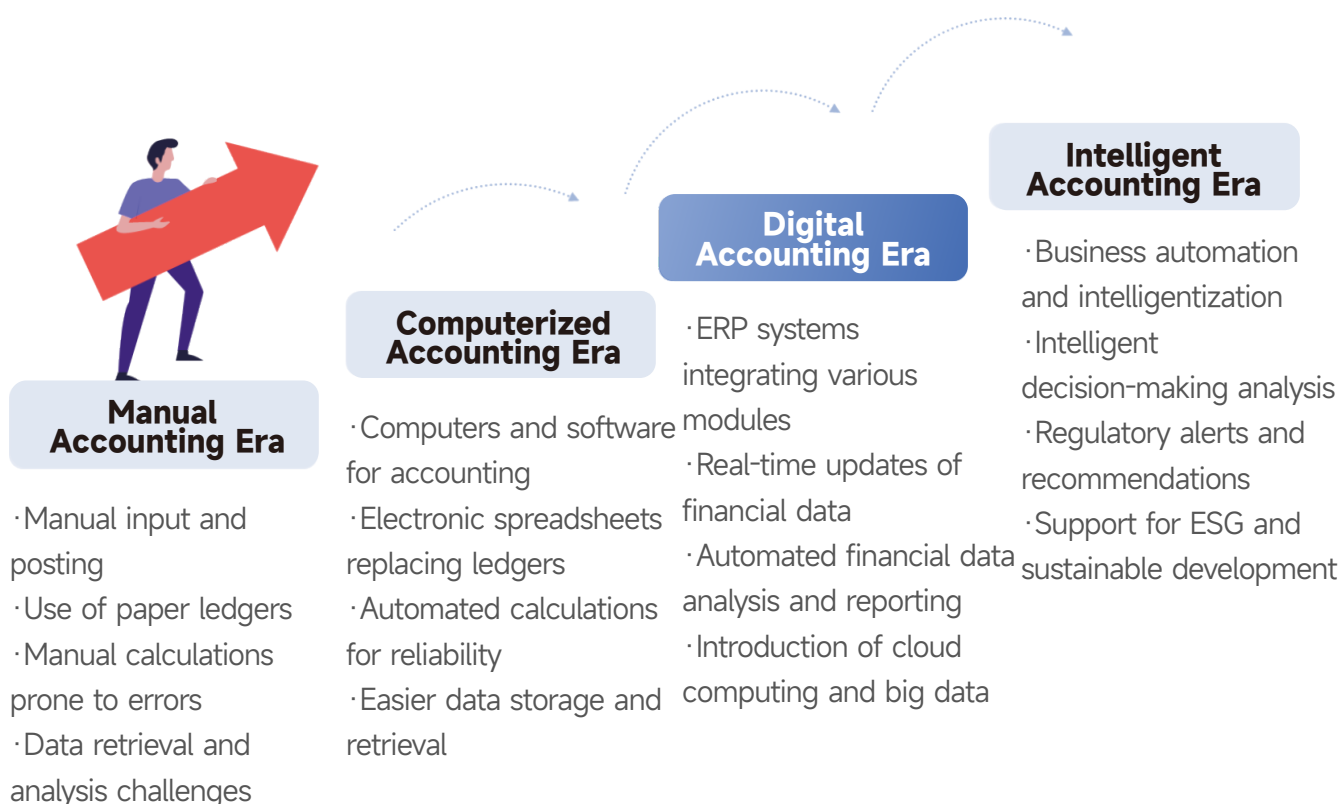
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Entering the Era of AI Accounting: Intelligent Transformation of the Accounting Industry

The accounting industry has moved from manual accounting to computerization and informatization, and has now entered the era of intelligence. The application of big data and AI promotes the shift of accounting work to human-machine collaboration, realizing the informatization and real-time processing of vouchers, marking the entry of accounting into a new stage of transaction level, real-time and intelligence. The core of AI accounting is to transform traditional post-event records into pre-event and in-event processing, generate accounting vouchers in real time, and greatly improve efficiency and accuracy. This change not only liberates manpower, but also enables financial personnel to focus on high-value analysis and decision support, providing timely and accurate data support for corporate management.

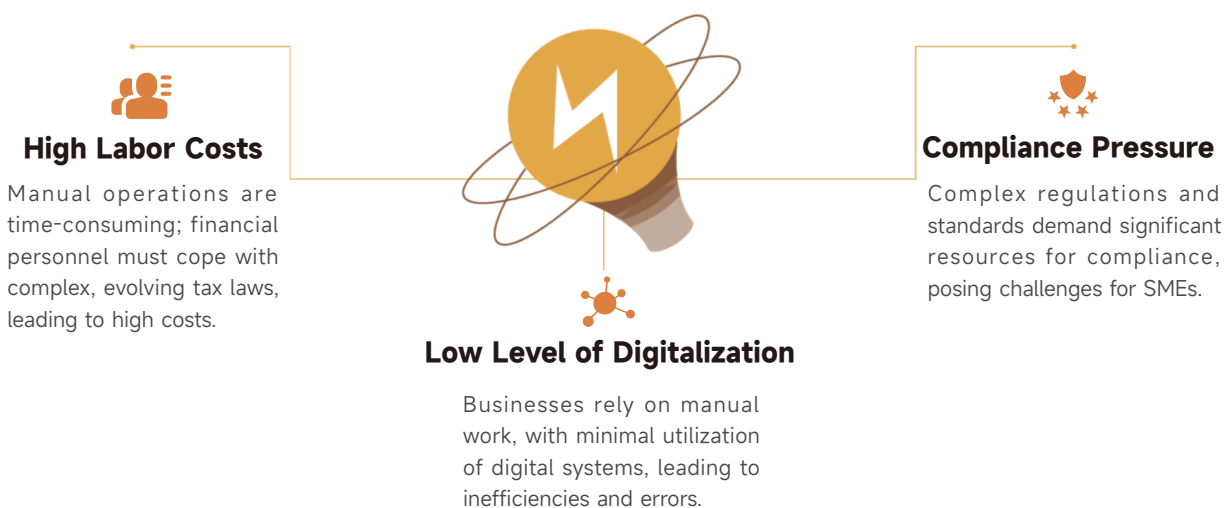


The Current State and Challenges of Financial and Tax Management

2.1 Current State of the Financial and Tax Industry

» Industry Status

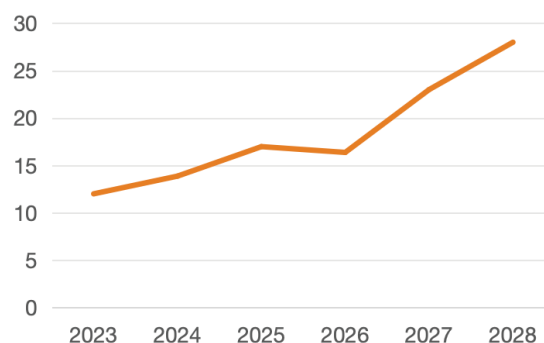
The global financial and tax industry is experiencing rapid transformation. According to the International Federation of Accountants (IFAC), the global financial and tax software market is projected to grow at a compound annual growth rate of 12% between 2023 and 2028. The rapid development of digital technologies and AI is replacing traditional methods of financial and tax management. At the same time, governments worldwide are introducing new tax policies and strengthening anti-money laundering and anti-tax evasion regulations, prompting enterprises to enhance compliance and transparency.



2.2 Market Outlook and Development Trends

The financial and tax industry has a bright future and is accelerating its shift toward digitalization and intelligence. Technologies such as artificial intelligence, big data, and cloud computing will permeate every aspect of financial and tax management, driving innovation in service models. Intelligent financial and tax solutions will become core tools for improving financial efficiency and compliance.

According to a Market Research Future report, the global intelligent financial and tax solutions market is projected to grow at a compound annual growth rate of 15.6% between 2023 and 2028, with the market size expected to reach \$2.8 billion by 2028.



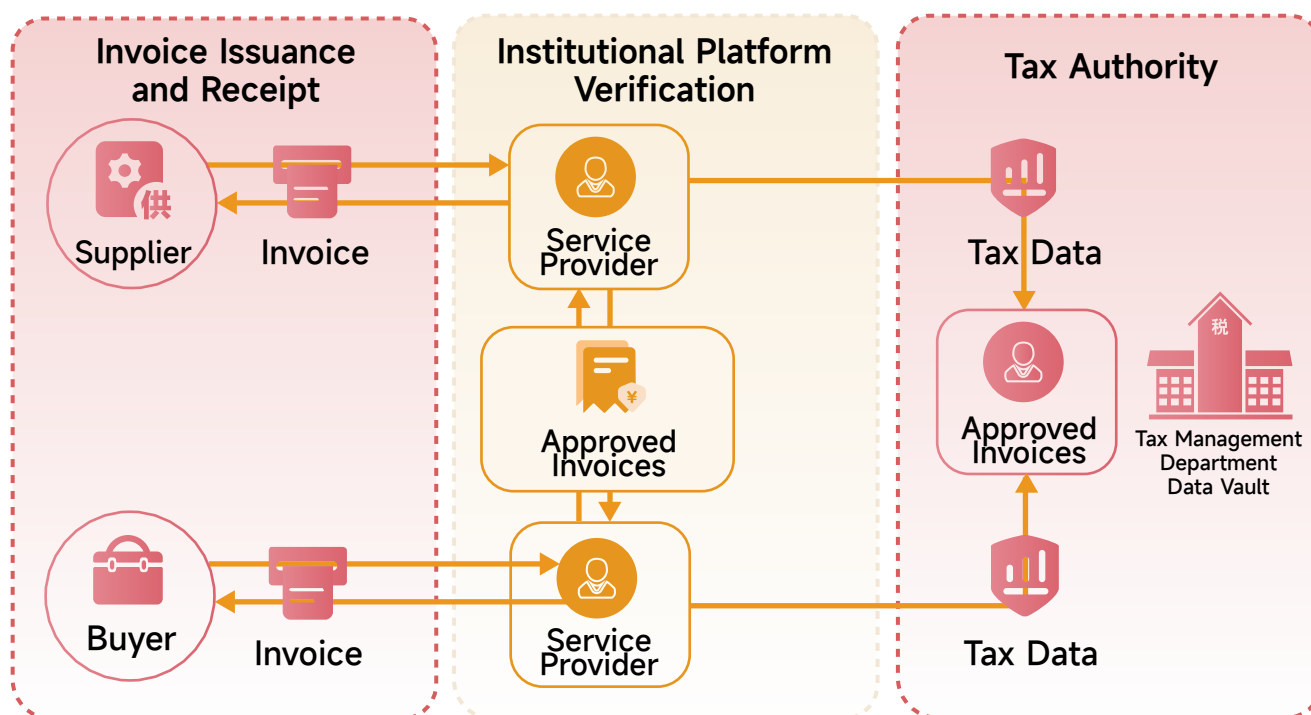
As enterprises accelerate their digital transformation, the financial and tax industry is evolving toward intelligence and automation. Technologies such as big data, AI, and blockchain will enhance collaboration and efficiency in financial and tax management. Gartner predicts that by 2025, 80% of enterprise financial processes will be automated, significantly improving management efficiency.

RCEP Regional Digital E-Invoice

A committee composed of relevant departments, industry experts, technical advisers and enterprise representatives from various countries.

3.1 RCEP Digital E-Invoice Open Platform

The standard "pentagonal" mode is adopted to set up management departments such as the sender, the receiver, their respective service providers and the tax authorities of various countries; the decentralized block chain technology is used to transmit business information synchronously in real time to achieve the purpose of supervision. Establish an electronic invoice application model that takes into account flexible business processes, third-party verification and encryption, and tax control and supervision needs, and improve digital technology standards, including structured invoice elements, transmission and storage management standards, encryption and authentication technology, and digital platform construction.

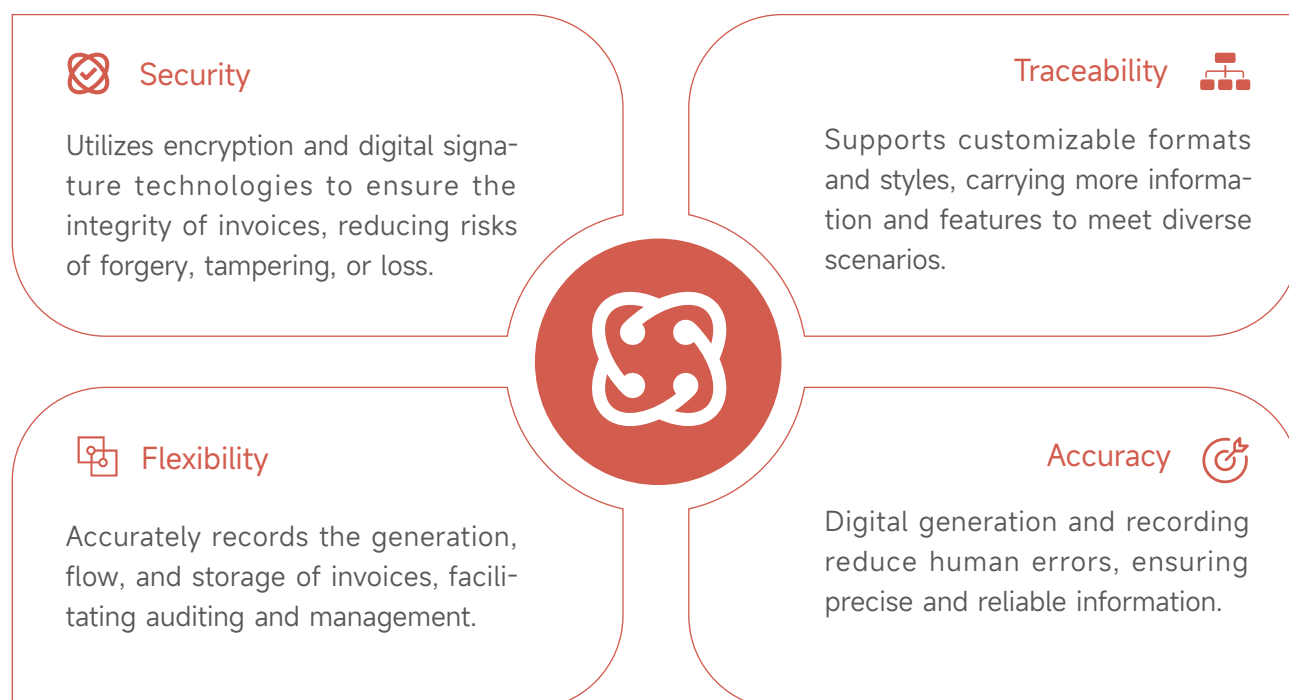


» Benefits

Promote Regional Integration	Simplify cross-border transactions, reduce transaction costs and enhance economic cooperation within the region.
Improve Efficiency and Accuracy	Reduces the need for paper document handling and reduces the risk of error and fraud.
Support Digital Transformation	Support the digital transformation of enterprises and government agencies, and promote the development of digital economy.
Enhance Compliance & Regulation	Helps ensure that businesses and government agencies comply with tax and other regulations.
Promote International Trade	Better integration of South-East Asian countries into global value chains.

3.2 TaxPlus Digital E-Invoice

» Technical Specification



» Features

Electronic Step Transaction Protocol of RCEP Regional Trade Contract.

Join the blockchain technology Decentralization.

Compatible with other Invoice Modes.

Safety, Traceability, Flexibility, Accuracy.

Digital Invoice.



» Advantages

By using blockchain technology, as a member of a membership-based network, you can be confident that you are receiving accurate and timely data, and that your confidential blockchain records can only be shared with network members to whom you have specifically granted access.



All network members need to agree on data accuracy, and all verified transactions will be permanently recorded and tamper-proof. No one can delete a transaction, not even the system administrator.



By sharing a distributed ledger among network members, you can avoid wasting time on record reconciliations. To speed up transactions, a series of automatically executed rules, called "smart contracts", are stored on the blockchain.



In-Depth Analysis of TaxPlus AI Accounting Factory

4.1 Definition of TaxPlus AI Accounting Factory

» Definition of TaxPlus AI Accounting Factory

TaxPlus Accounting Factory is an innovative financial service model that combines intelligent systems with professional teams to efficiently process financial data in a centralized, standardized and automated manner. This model is particularly suitable for small and micro enterprises, helping them achieve digital and intelligent transformation. By seamlessly connecting with the local tax bureau system, it not only supports online issuance of electronic invoices and intelligent tax filing, but also accurately solves financial and tax management problems through process optimization, efficiency improvement and cost control.



Automation



Intelligence



Real-time processing



Personalization



Integration

» TaxPlus AI Accounting Factory System

The TaxPlus AI Accounting Factory has independently developed an integrated SaaS platform for financial and tax services using "cloud" and artificial intelligence (AI) technologies.



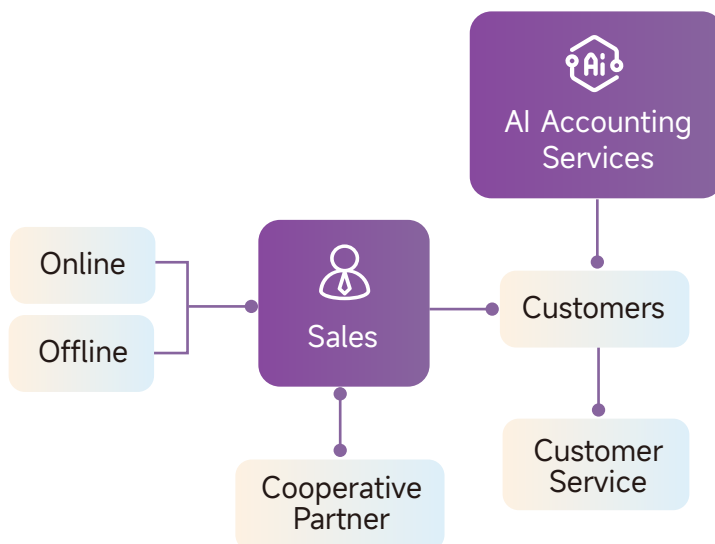
Cloud Transmission

» Service Overview

TaxPlus AI Accounting Factory uses intelligent technology to provide efficient back-end accounting services, improving the accuracy and reliability of financial data through image recognition, cross-platform functionality, data analysis, and information monitoring. This reduces error rates and operational costs, ultimately enhancing corporate profitability.



Data Processing

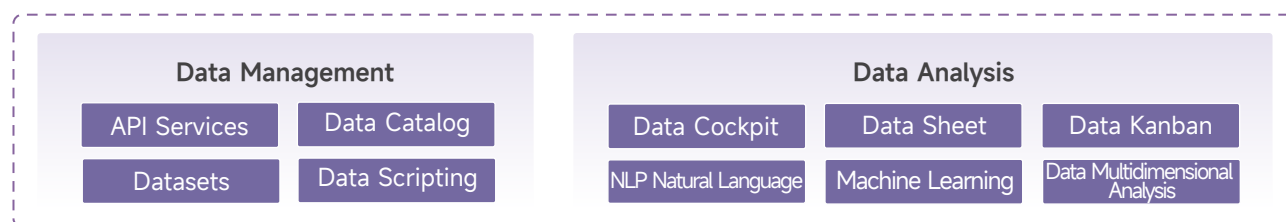


Data Tracing

» Data Layer: Data Collection and Storage

The data layer is the foundation of the system, responsible for gathering and storing data from various sources, including internal financial and operational data, as well as external market and industry data.

Data Sources	ERP systems, financial software, banking systems, electronic invoices, etc.
Data Warehouse	Stores structured and unstructured data for efficient querying and analysis.
Data Lake	Stores large volumes of raw data for subsequent processing and analysis.



» Application Layer: AI Algorithms and Models

The core of the system, responsible for implementing AI algorithms and models for data analysis, forecasting, and intelligent decision-making.

Convolutional Neural Networks (CNNs)

Image Recognition of Accounting Information (Accurate Data Acquisition)

Long Short-term Memory Network(LsTM)

Text Generation
(Automatic generation of vouchers and reports)

Recurrent Neural Networks (RNNS)

Natural Language Processing NLP
(For more accurate accounting language understanding)

Time series analysis
(To predict future trends in financial data, such as cash flow)









Transformer Model

(Adjusting to changes in accounting rules)
Multi-modal learning to help the intellect better understand accounting information and assist operators in making decisions)
Reinforcement Learning

Scientific Computation and Simulation
(Identify outliers and abnormal patterns in financial data to help companies identify potential financial risks and fraud in a timely manner).



» Core Features and Advantages

 <p>AI Accounting Module</p>	Automatically recognizes and imports voucher information to generate accounting vouchers, various ledgers, and financial reports.
 <p>Data Collection Module</p>	Collects transaction data from ERP, CRM, and other systems, supports real-time synchronization, ensuring accurate invoicing information.
 <p>Invoice Issuance Module</p>	Generates legally compliant electronic invoices (PDF/XML) with one click, supporting bulk invoicing, custom templates, and automatic code assignment.
 <p>Storage and Archiving System</p>	Centralized cloud storage for electronic invoices, providing full-text search and categorization, with backup and retention policies in place.
 <p>Verification and Duplicate Checking Engine</p>	Real-time invoice authenticity verification and use of big data to detect duplicate reimbursements, preventing financial fraud assignment.
 <p>Reimbursement and Approval Module</p>	Centralized cloud storage for electronic invoices, providing full-text search and categorization, with backup and retention policies in place.
 <p>Tax Declaration Interface</p>	Summarizes invoice data to automatically generate tax declaration forms and submit them to tax authorities, ensuring accurate tax reporting.
 <p>Data Analysis and Risk Control Component</p>	Generates invoice data reports, monitors risks, and alerts on issues such as abnormal invoices and approaching deduction deadlines.

4.3 Business Model

TaxPlus AI Accounting Factory provides efficient and accurate financial and tax services tailored for small, micro, and medium-sized enterprises. By integrating digital and AI technologies, it standardizes and automates accounting services to improve efficiency, reduce costs, and enhance tax compliance. Through close collaboration with governments and channels, the platform delivers financial services, optimizes the business environment, mitigates risks, and meets diverse customer needs, supporting sustainable enterprise growth.

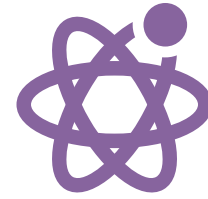


Hard Technology

Utilizing "Internet, Big Data, and Cloud Computing," TaxPlus has developed a financial and tax service cloud platform that disruptively innovates the industry through scalability and new models.

Soft Strength

Establishing service outlets across multiple cities nationwide, strengthening service delivery with a 24/7 hotline. Through centralization, standardization, and professionalization, the platform continuously enhances service quality, eliminating inefficiency and burdensome production processes.







4.4 Application Scenarios

 <p>Small and Micro Enterprises</p>	<p>Professional Services: TaxPlus provides professional financial and tax management services tailored to small and micro-enterprises, addressing challenges such as limited resources and complex financial and tax management.</p> <p>Flexible Customization: Offers flexible service models and customized solutions based on the specific needs of businesses.</p> <p>Cost-Effectiveness: Leverages automation and intelligent tools to reduce operational costs and improve financial management efficiency.</p>
 <p>Government Industrial Parks</p>	<p>Operational Insights: Provides economic operational insights for enterprises within a jurisdiction, helping government parks and local authorities monitor overall business performance.</p> <p>Tax Compliance: Regulates enterprise tax filing behavior and enhances tax collection efficiency through the TaxPlus platform.</p> <p>Policy Decision Support: Utilizes system-generated data analysis to support the development of economic policies.</p>
 <p>Accounting Agencies and CPA Firms</p>	<p>Comprehensive System: Offers integrated financial and business systems to ensure service quality and efficiency.</p> <p>Real-Time Communication: Enables real-time information exchange with clients to meet their evolving needs promptly.</p> <p>Intelligent Processing: Provides automated financial data processing services to minimize labor costs and human errors.</p>
 <p>Customized Solutions for Various Industries</p>	<p>Industry-Specific Features: Develops targeted solutions by understanding the unique characteristics and requirements of different industries.</p> <p>Flexible Adaptability: The system's high flexibility and scalability allow customization to meet specific business needs.</p> <p>Continuous Optimization: Continuously refines solutions based on client feedback and market dynamics to ensure they meet evolving needs.</p>





4.5 Solutions



» AI Technology in Financial and Tax Management






 <p>Intelligent Data Analysis</p>	<p>Employs machine learning algorithms to analyze financial data, identifying potential issues and improvement opportunities.</p>
 <p>Predictive Analytics</p>	<p>Uses historical data and market trends to forecast finances and help businesses mitigate potential risks proactively.</p>
 <p>Intelligent Recommendations</p>	<p>Provides personalized financial and tax management advice by analyzing corporate financial conditions and market environments.</p>
 <p>Natural Language Processing</p>	<p>Automates the parsing and management of financial and tax documents, improving documentation efficiency.</p>

» Automation of Processes

 <p>Workflow Design</p>	<p>Customizes financial and tax management workflows, including data collection, processing, and output.</p>
 <p>Task Scheduling</p>	<p>Manages task scheduling and execution through an automated workflow engine.</p>
 <p>Automation Tools</p>	<p>Implements robotic process automation (RPA) to handle repetitive, rule-based operations automatically.</p>
 <p>Monitoring and Feedback</p>	<p>Continuously monitors workflow execution and collects feedback for ongoing optimization.</p>



» Data Security and Privacy

 <p>Data Encryption</p>	Protects data with Advanced Encryption Standard (AES) and Transport Layer Security (TLS) protocols to prevent breaches and unauthorized access.
 <p>Access Control</p>	Uses role-based and permission-based access to secure sensitive information with multi-layered protection.
 <p>Security Audits</p>	Conducts regular security audits and logs all access and operations for traceability.
 <p>Privacy Protection</p>	Adheres to legal and regulatory requirements with strict privacy policies to ensure user data security and confidentiality.
 <p>Multi-Factor Authentication</p>	Enhances account security with SMS, email verification, and biometric authentication.



About Us

Nok World leverages its extensive data system and deep learning technology to provide clients with a series of tailored solutions, designing comprehensive digital solutions. It is committed to highly integrated and automated bookkeeping, tax filing, invoice issuance, and other technologies, ultimately forming an information-driven and process-oriented accounting method to help businesses streamline their accounting processes.

Nok World Limited was established in 2017 and is headquartered in Hong Kong, China. Nok World operates in regions such as Hong Kong, Southeast Asia, and Europe, serving hundreds of small and medium-sized enterprises in these areas. The company effectively reduces time and labor costs while significantly enhancing business efficiency.



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Brand Statement

TaxPlus AI Accounting Application, powered by the TaxPlus AI Accounting Factory engine, builds an intelligent industrial and financial service ecosystem. It automates and optimizes accounting tasks, providing one-stop corporate services, including financial and tax management, to facilitate efficient operations and digital transformation.

Disclaimer

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