

Teijin Aramid – Dynatos Accelerate

Transition from SAP ECC & B1 to S/4 HANA (Private Cloud)

Robin Smit | 23-09-2025

TEIJIN ARAMID



Agenda

- Teijin Aramid
- ECC / B1 => S/4 Hana private cloud



Robin Smit

Teamlead Information Management

Responsible for software solutions within Finance and Purchasing domain.

History as AP manager



Teijin Aramid

The facts

50+

Years of experience
and expertise

1st

Globally, in aramid
production capacity

400+

Registered patents

2000

Professionals on staff

Our global presence

Headquarters

Arnhem, The Netherlands

Research & Development

- Arnhem
- Wuppertal
- Shanghai
- Iwakuni
- Matsuyama

Production facilities

- Arnhem
- Emmen
- Delfzijl
- Ayutthaya
- Iwakuni
- Matsuyama

Sales offices

- Wuppertal
- Shanghai
- Pune
- Conyers
- Sao Paulo
- Bangkok
- Tokyo

Products

| 3x



Twaron[®]

The all-round high performer. Suitable for manufacturers of products that need to be stronger, lighter, and more resistant to chemicals.



Technora[®]

The premium para-aramid. It's eight times as strong as steel, with great heat and chemical resistance, ideal for industrial and reinforcement applications.



Teijinconex[®]

High-performance protection. This meta-aramid offers excellent resistance to heat, flame and chemicals, making it ideal for use in the manufacture of protective textiles and other industrial applications.

Applications

Automotive, cables, ballistics, protective wear

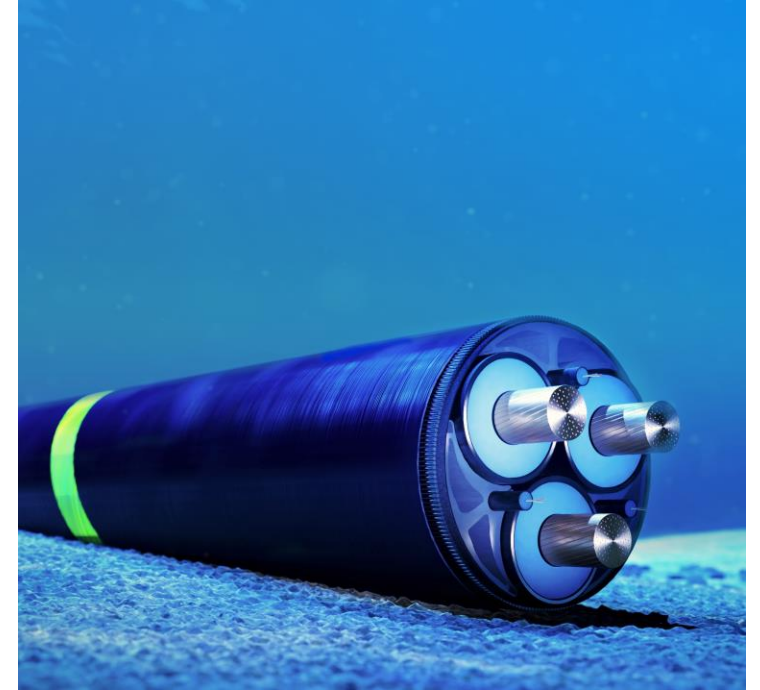
Firefighting gear



Brake pad reinforcement



Submarine power cables



Applications

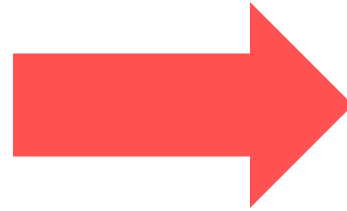
Helmets



Space exploration



SAP ECC / B1 => SAP S/4 HANA Private Cloud



Principles

- TARGET business transformation program:
 - Greenfield approach (End to End processes)
 - Standardized to the max, only in case of USP (moderate) customization possible.
- Define 'Global Template'
 - SAP 1st strategy (ERP)
 - Workshops => Fit-gap analysis current vs best practice
 - Global one way of working



Choices Invoice solution

- Readsoft Invoices
 - No SAP OCR tool; no reason to change; worked sufficiently
 - Headquarters => Readsoft Invoices
 - Sales Offices => Fast Entry Process Director (manual entry)
- Readsoft Process Director
 - Cockpit = central overview of invoices incl. status
 - Workflow management – more flexibility
 - Integrated with already used OCR
 - Change aspect less for Headquarters
- *Process Director became part of the global template*



Transition phases

- Phased transition from ECC / B1 to S/4 HANA private cloud from 2022-2024. Mitigating risk.
 - HQ Arnhem + sales office Germany (2022)
 - Emmen factory (2023)
 - Delfzijl factory (2023)
 - Sales offices: US / MX / BR (2023)
 - Sales offices: India / China (2024)



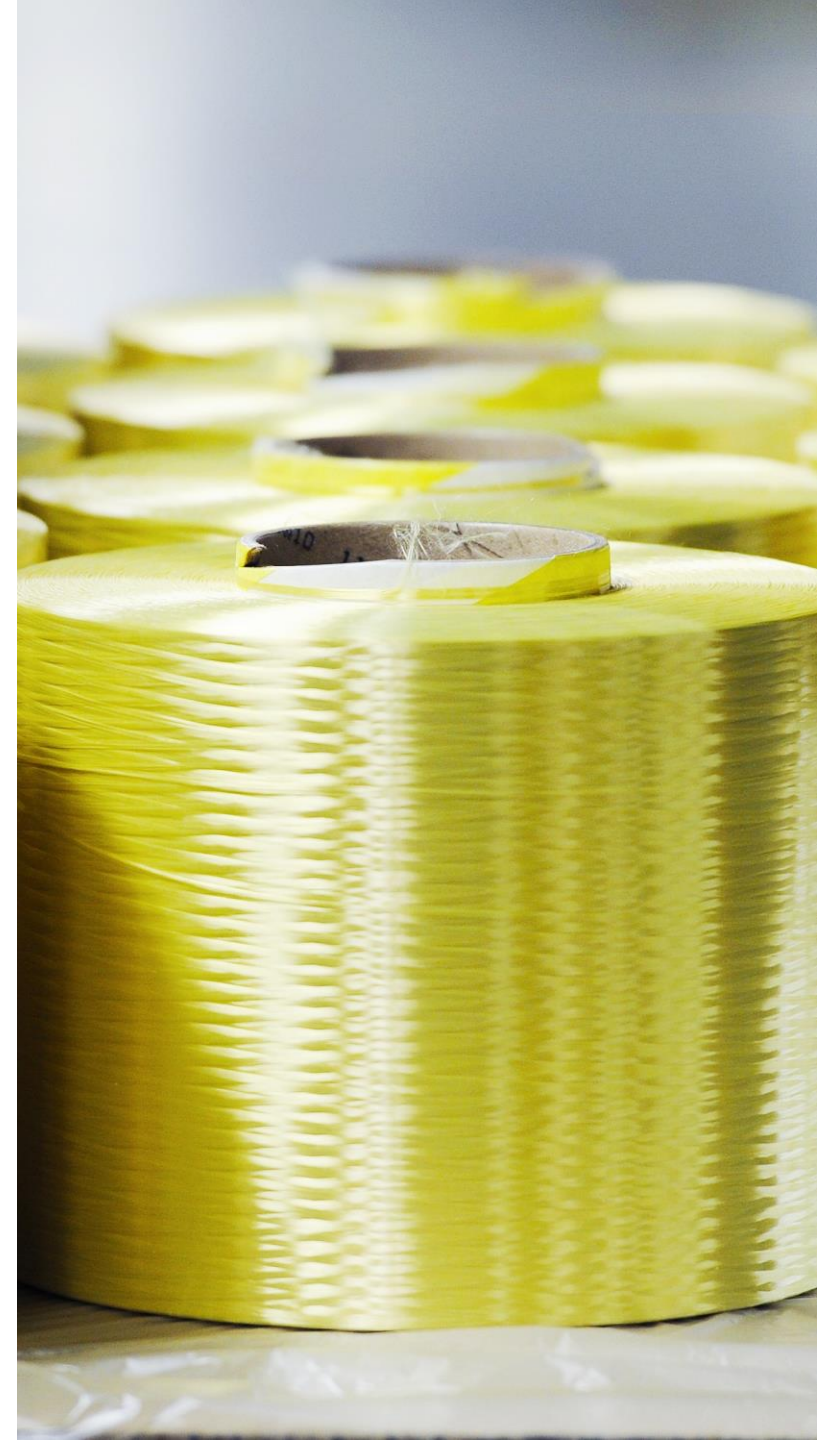
Challenges

- Phased implementation meant enhanced OCR routing
 - Purchase Order based routing ECC or S/4
 - Non-PO: big bang after Dutch sites were on S/4
 - Limited amount of people had to work both in ECC and S/4 due to non-PO
 - Master Data
 - Supplier master data maintenance in both ECC & S/4
- Manual internal postings between Dutch sites (PO/SO)
- Transportation Management SAP (module) – invoice matching
- Master Data - Customer / Vendor => Business Partner principle



Location specific

- Brazil
 - Nota Fiscal – correctly handle taxes
- India
 - HSN code (goods classification – determine correct tax rate)
 - Section code – compliance reporting
- Mexico
 - UUID – Fiscal identifier for electronic tax documents



Benefits

- Increased automation of workflows
 - 3-way match – use of Service Entry Sheets (SES)
 - Automated Missing Goods Receipt workflow
- All sites on S/4
 - Period end closing
 - Consolidation
 - Automated intercompany postings
- One way of working
 - GBPO (Global Business Process Owner)
 - Key-user community – global assist



Key takeaways

- **People:** change management; understand the how and why (end to end process thinking)
- Phased transition within one entity is challenging (avoid if possible)
- Localizations are a must (compliance) and need proper and sufficient attention
- Have fun!



What's next...

- Service Entry Sheets for factory maintenance => how to handle unknown costs
- E-invoicing
- Line item verification
- On premise OCR => Cloud



Thank you

Materializing ambitions

Robin Smit

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Tungsten Automation

Dynatos Accelerate

23 September 2025

A photograph of a modern building at night, illuminated with purple and blue lights. The building has a curved, ribbed roof and large glass windows. A car is visible in the foreground on the right. The image is partially obscured by a large blue diagonal graphic element on the left and a yellow diagonal graphic element on the right.

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Tungsten Automation Product Roadmap

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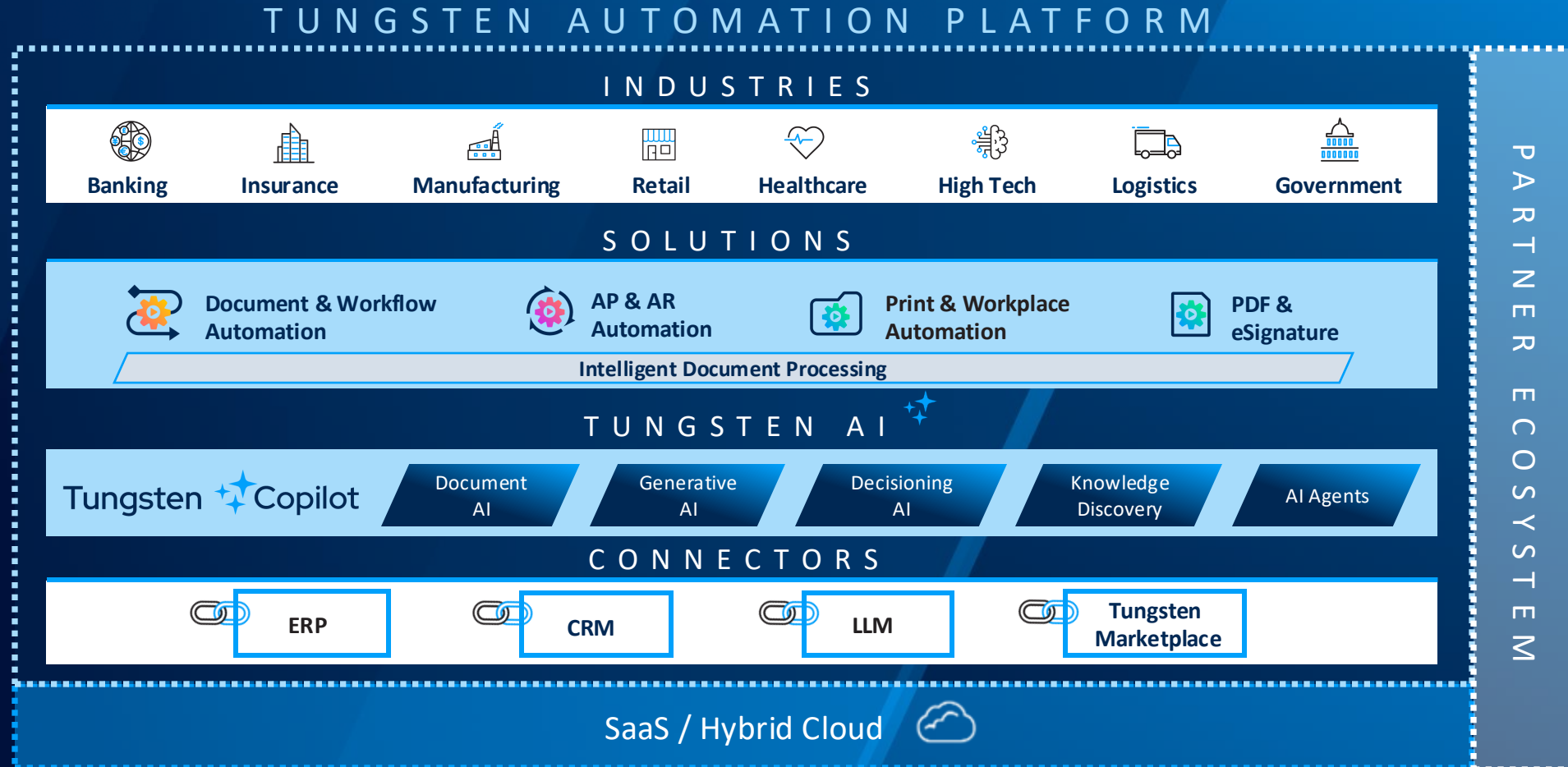
TUNGSTEN **The Trusted AI-powered** AUTOMATION **Enterprise Automation Platform**

Serving the largest organizations in many industries

Automating document workflows from understanding to action

Applying the right AI to the right problems with actionable insights

Easily Integrate with any enterprise or 3rd party solutions





Manufacturing



Retail



Healthcare

SOLUTIONS

Workflow



**AP & AR
Automation**



Intelligent Document Processing

TUNGSTEN AI



Tungsten

InvoiceAgility™ Suite

InvoiceAgility

Workflow

Compliance



InvoiceAgility

Touchless Invoice Automation

AI-powered integrated SaaS solution enabling accounts teams to **accept or send any invoice format from anywhere.**

Includes Integrated Ingestion Components:

- Paper / PDF
- e-Invoice

Benefits:



95+% Touchless AP Automation



Worldwide compliance



AI Agents for Buyers and Suppliers



InvoiceAgility Workflow

Manage invoices from Receipt to Payment



Independent and agnostic ERP integration approach

Direct Integration to your SAP or Oracle ERP:



Process Director
Supports SAP ECC and S4/Hana



MarkView
Supports Oracle e-Business and Cloud ERP



AP Agility
Supports most major ERPs

Benefits:



Enhance user experience and drive efficiency when processing in an ERP



Enable timely payments



Ensure security and data management



Configure customer specific business rules ensuring touchless invoice processing

InvoiceAgility Compliance



Validate invoice accuracy, tax compliance, and financial workflow rules to **ensure invoice accuracy and speedy processing** through the AP processes.



Compliantly process globally

Across:

- ✓ Government Portals
- ✓ Invoice Formats (Peppol, ZUGFeRD, etc)
- ✓ Post Audit

Benefits:



Centralized worldwide compliance



A single location to seamlessly process invoices from any country



Cost Savings & Scalability



Tungsten

InvoiceAgility™

Any Invoice, Any Format, Anywhere

1

Invoices come in any format, from anywhere



e-Invoice

Government clearance
Supplier portal



Physical Invoice

Capture & PDF

2

InvoiceAgility automatically ensures every invoice is accurate and compliant with tax and business rules

3

Confirmed invoice is routed for processing directly to ERPs or through customizable workflows



**Company
ERP**

Data
Validation

Tax
Compliance

Supplier
Visibility

Financial
Insights

Payments

AI-DRIVEN POWER & INSIGHTS

TUNGSTEN
AUTOMATION

3 Feature Tiers to Match Your Needs

	Standard	Advanced	Enterprise
Full physical invoice capture with structured e-invoice capabilities	✓	✓	✓
Dedicated customer success program	✓	✓	✓
Tungsten e-Invoice Network with archive and supplier enhancement capabilities		✓	✓
PO Service capabilities			✓
Accounts Receivable service capabilities			✓
For enterprises looking to:	<ul style="list-style-type: none"> • Replace costly and lengthy manual AP processes • Leverage PEPPOL or other structured standards for e-invoicing 	<ul style="list-style-type: none"> • Embrace e-invoicing regionally or globally • Meet e-invoice regulatory requirements • Enrich and empower supplier networks 	<ul style="list-style-type: none"> • Review, accept, convert purchase orders into e-invoices at the click of a button • Leverage automated platform to deliver e-invoices to any buyer (Accounts Receivable)

What's Included:

Flexible capture & e-invoicing capabilities

Options for regional processing & advanced workflows

	Volume Starts	Standard	Advanced	Enterprise
		10k	20k	100k
Invoice Capture	Header & Footer	✓	✓	✓
	Line Items	✓	✓	✓
	Invoice Capture Storage	✓	✓	✓
	Exception Handling	✓	✓	✓
e-invoicing	EDI / AP e-Invoicing	✓	✓	✓
	PEPPOL - Europe	✓	✓	✓
	PEPPOL - APAC	✓	✓	✓
	Managed Supplier Onboarding		✓	✓
	e-Invoice Archiving		✓	✓
	Self-Service for Invoice Status		✓	✓
	PO Service			✓
	AR outbound			✓
Add-Ons	Premium Countries (Add-On) (Government Portal)			
	France (2026)		✓	✓
	India		✓	✓
	Italy	✓	✓	✓
	Malaysia (2025)	✓	✓	✓
	Mexico		✓	✓
	Poland (2026)	✓	✓	✓
	Romania		✓	✓
	AP Workflow (Add-On)			
	ERP Agnostic: AP Agility	✓	✓	✓
	Oracle Edition: MarkView	✓	✓	✓
	SAP Edition: Process Director	✓	✓	✓

Process Director Update

Tungsten InvoiceAgility Workflow

The background of the slide features a photograph of a modern building with a curved, ribbed roof, illuminated with purple and blue lights at night. A car is visible in the foreground on the right. Overlaid on the left side of the image are several large, diagonal geometric shapes in shades of blue and orange. The Tungsten Automation logo is positioned in the bottom right corner, consisting of the word 'TUNGSTEN' in a large, white, sans-serif font, with 'AUTOMATION' in a smaller, white, sans-serif font below it, all contained within a white rectangular box.

TUNGSTEN
AUTOMATION

Why Clean Core Matters

Upgrade Safety:

With Process Director, clients can upgrade their SAP systems without fear of breaking custom functionality.

Your Trusted Partner:

Tungsten Automation is dedicated to providing a Clean Core solution, safeguarding your business's investment in SAP. We'll help your business:

- Remain a “Good Citizen” — interacting with SAP in a compliant manner
- Ensure compatibility with the Business Technology Platform (BTP) for future app development



Tungsten

Process Director™

has always adhered to
the principles of Clean
Core.

Our Commitment to Clean Core



No modifications to SAP's core:

Our solution has always integrated seamlessly
without altering the SAP environment



Customizable without risk:

Users can customize Process Director freely
without impacting their SAP upgrades

Achieving Clean Core certification,
adapting our code to meet SAP requirements.



Tungsten

Process Director™

Adhering to a general SAP
code of quality standards
and best practices.

Our Clean Core Commitment to You



June 2026

Clean Core compliant



December 2026

S/4 Hana Public support

**Readsoft Invoices
(Process Director Capture) -> InvoiceAgility**

MoveUp

The background of the slide features a photograph of a modern building with a large, curved, illuminated roof structure. The building is lit with purple and blue lights. In the foreground, there is a large, stylized logo for 'TUNGSTEN AUTOMATION'. The logo consists of a thick diagonal bar that transitions from orange at the bottom to yellow at the top, followed by the word 'TUNGSTEN' in a large, white, sans-serif font, and 'AUTOMATION' in a smaller, white, sans-serif font below it, all contained within a white rectangular box.

TUNGSTEN
AUTOMATION



Move Up With InvoiceAgility: There’s Never Been a Better Time to Boost Your AP Efficiency

Automate Your Invoicing, Unlock Your Advantage

Readsoft Invoices may have served you well, but you can take your Accounts Payable (AP) efficiency to the next level with Tungsten InvoiceAgility. Powered by AI, our fully integrated invoice processing solution gives you the tools to remove manual processes and enable faster, error-free touchless invoice automation.



Upgrade to InvoiceAgility and Unlock a Range of Benefits:



Seamless
e-invoicing



Advanced
automation



Simplified
workflows



Ensured
compliance



Actionable
AI-powered
insights

With InvoiceAgility, You Get -

SaaS Hosting, helping you reduce costs, easily scale, strengthen security and simplify management.

Advanced Optical Character Recognition (OCR)-based data extraction which can surpass a 99% first-time capture rate, reducing manual errors.

Access to the world’s largest e-invoicing network with seamless, automated tax compliance checks as standard.

Advanced AP workflow capabilities that are purpose-built for your system (SAP, Oracle and other major ERPs), with exception handling included as standard.

Tungsten Copilot’s actionable AI-powered insights for optimizing cashflow and analyzing invoice trends.

Country compliance add-ons, giving you future-proofed invoices for current and upcoming invoice regulations.

Solution available 24x7, 365 days a year.

While With ReadSoft Invoices -

You’re limited to on-site hosting.

You only have standard OCR capabilities.

There are no e-invoicing capabilities.

You only get simplified workflow capabilities.

There are no GenAI capabilities.

There is no country compliance.

There is no 24x7 availability.

Ready to Elevate Your AP With The Power of InvoiceAgility?

Talk To Sales

Request a Demo

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Summary

Enhancements with InvoiceAgility	Risks
InvoiceAgility includes built-in machine learning (AI) with no reliance on invoice templates (Readsoft Invoices)	Continued manual maintenance of templates, lack of automation
Move to current SaaS product versus maintaining On-prem Readsoft Invoices	Your IT team will be responsible for lift and shift of Readsoft Invoices to a new server and ongoing upgrades and maintenance versus moving to SaaS with InvoiceAgility
InvoiceAgility and Process Director are both being actively developed , including incorporation of our efforts with Generative AI	Readsoft Invoices will continue to be maintained but will not see active enhancements outside of bug fixes and version compatibility

State of the Market: Why this Move Up Matters

- **Major Shift to SAP S/4HANA:**
93%+ of customers are SAP users preparing for migration to S/4HANA
- **Demand for Integrated Solutions:**
Customers want an all-in-one solution, avoiding multi-vendor complexity



About Readsoft Invoices (RSI)

- A legacy invoice processing solution, widely used
- Automates invoice capture, data extraction, and validation before posting
- Often customized over years but lacks modern agility and cloud capabilities

- **Why Move Up?**

Readsoft Invoices users need a future-proof solution as they transition to SAP S/4HANA



AP Essentials (Readsoft Online) -> InvoiceAgility

MoveUp



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Move Up With InvoiceAgility: There's Never Been a Better Time to Boost Your AP Efficiency

Automate Your Invoicing, Unlock Your Advantage

Take your Accounts Payable (AP) efficiency to the next level with Tungsten InvoiceAgility. Powered by AI, our fully integrated invoice processing solution gives you the tools to remove manual processes and enable faster, error-free touchless invoice automation.

Any Invoice, Any Format, Anywhere.



Upgrade to InvoiceAgility and Unlock a Range of Benefits:



Seamless
e-invoicing



Advanced
automation



Simplified
workflows



Ensured
compliance



Actionable
AI-powered
insights

With InvoiceAgility, You Get -

- ✓ **SaaS Hosting**, helping you reduce costs, easily scale, strengthen security and simplify management.
- ✓ **Advanced Optical Character Recognition (OCR)**-based data extraction which can surpass a 99% first-time capture rate, reducing manual errors.
- ✓ **Access to the world's largest e-invoicing network** with seamless, automated tax compliance checks as standard.
- ✓ **Advanced AP workflow capabilities** that are purpose-built for your system (SAP, Oracle and other major ERPs), with exception handling included as standard.
- ✓ **Tungsten Copilot's actionable AI-powered insights** for optimizing cashflow and analyzing invoice trends.
- ✓ **Country compliance** add-ons, giving you future-proofed invoices for current and upcoming invoice regulations.
- ✓ **Solution available 24x7, 365 days a year.**

Ready to Elevate Your AP With The Power of InvoiceAgility?

[Talk To Sales](#)

[Request a Demo](#)

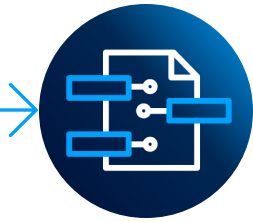
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One more thing...

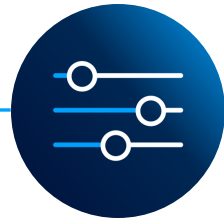




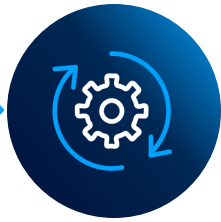
Invoice
capture



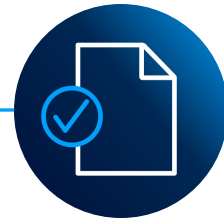
Data
extraction



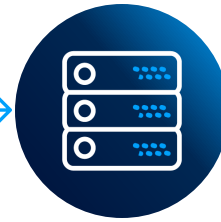
Validation
& matching



Workflow
automation



Integration with invoice
approval workflows



Storing
invoice

95% Touchless Invoice Capture

Configurable business rules to match to your business processes

Compliance, Tax, Fraud



Tungsten

InvoiceAgility™

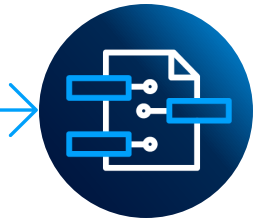
Manage invoices from
receipt to payment

- ✓ Capture any invoice, any format, anywhere
- ✓ Configurable business rules ensuring touchless invoice processing
- ✓ Compliance and Tax Validation occurring in real time
- ✓ AI Agents validating and alerting to fraudulent activity
- ✓ Process **payments**

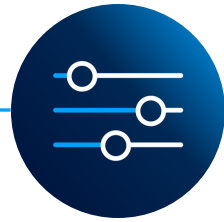
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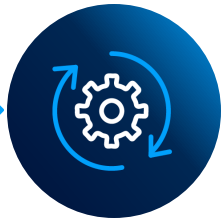
Invoice
capture



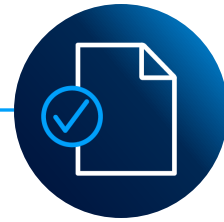
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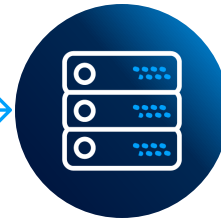
Validation
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Workflow
automation



Integration with invoice
approval workflows



Storing
invoice



Payments

95% Touchless Invoice Capture

Configurable business rules to match to your business processes

Compliance, Tax, Fraud



Tungsten

InvoiceAgility™

Manage invoices from
receipt to payment

- ✓ Capture any invoice, any format, anywhere
- ✓ Configurable business rules ensuring touchless invoice processing
- ✓ Compliance and Tax Validation occurring in real time
- ✓ AI Agents validating and alerting to fraudulent activity
- ✓ Process **payments**

TUNGSTEN
AUTOMATION



Payments

Why use Tungsten Automation for



AP & AR Automation

\$3.5 TRILLION

COMMERCE TRANSACTED ANNUALLY

530 MILLION+

INVOICES PROCESSED ANNUALLY

10k+

GLOBAL CUSTOMERS

196 COUNTRIES

WE ARE OPERATING IN

140 COUNTRIES

INVOICES PROCESSED COMPLIANTLY IN

40 YEARS

AUTOMATION
INNOVATION

68%

OF THE FORTUNE
500 SERVED

350,000+

SUPPLIERS ACCESSIBLE ON WORLD'S LARGEST COMPLIANT
BUSINESS TRANSACTION NETWORK

Timeline 2025, 2026, and beyond!





THE TRUSTED GLOBAL LEADER IN
AI-POWERED
DOCUMENT AND WORKFLOW
AUTOMATION