PROCESS
AUTOMATION
SOLUTIONS

Process Automation Solutions: AI-powered document processing and SAP Business Workflow

PROCESS
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Company Profile

PROCESS AUTOMATION SOLUTIONS

We engineer a sustainable future through consulting, automation, and digitalization.

FOUNDED

1986

EMPLOYEES

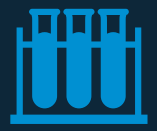
1,400+

REVENUE CAD

400M+

KEY INDUSTRIES

PHARMA & BIOTECH



CHEMICAL

FOOD & BEVERAGE

OIL & GAS

61 OFFICES	**14** COUNTRIES
3,340 EXECUTED PROJECTS/YEAR	**1.65 M** HOURS OPERATED/YEAR

SERVICE PORTFOLIO

- Process Optimization
- Engineering
- Execution
- Digital Solutions

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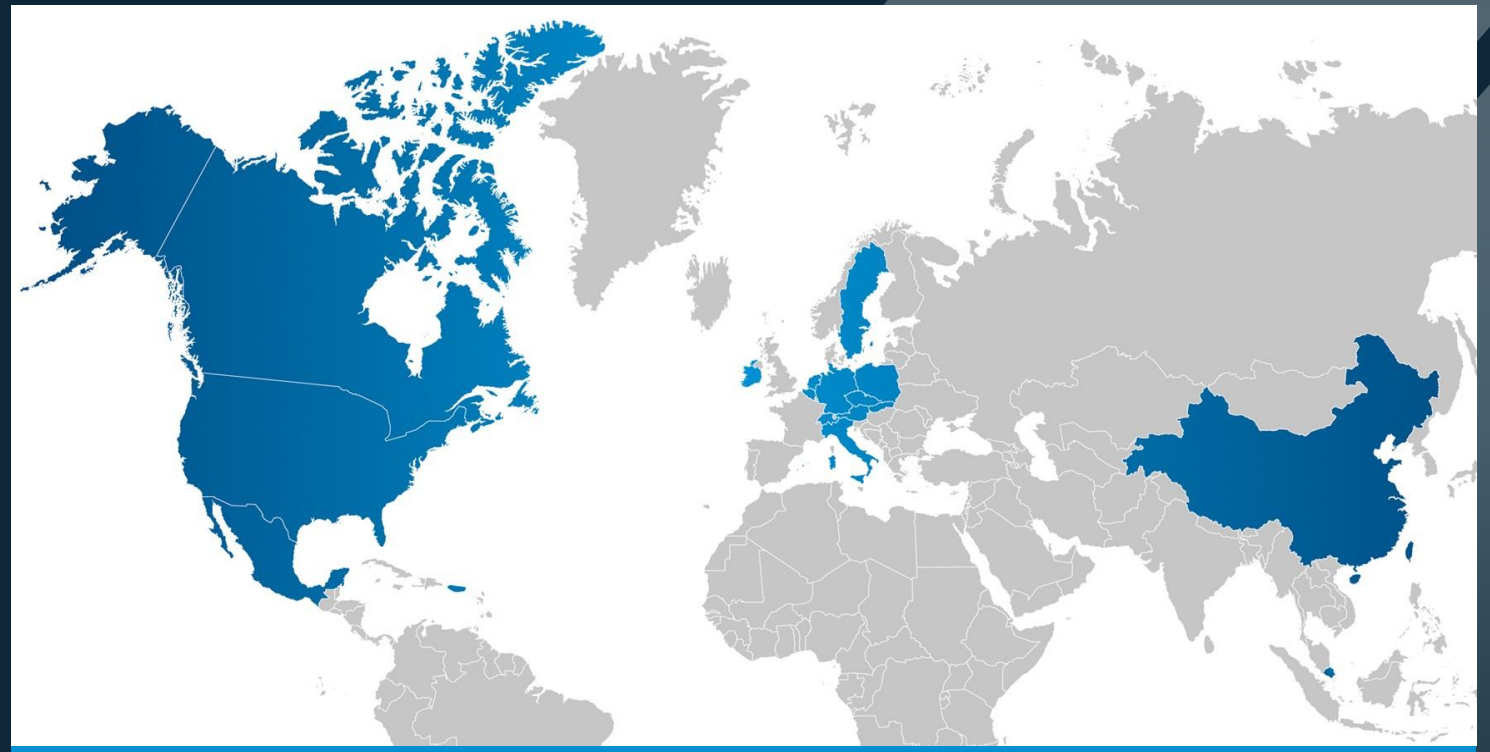
PA Solutions: A Global Footprint

Local & Global

PA employees are located worldwide with team members spread across North America, allowing us the unique capability to take on projects anywhere, any time.



AMERICAS	EUROPE			ASIA
◊ Canada	◊ Austria	◊ Ireland	◊ Slovakia	◊ China
◊ Puerto Rico	◊ Belgium	◊ Italy	◊ Sweden	◊ Singapore
◊ USA	◊ Czech Republic	◊ The Netherlands	◊ Switzerland	
	◊ Germany	◊ Poland		

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Business Segments

Automation

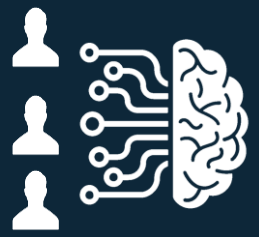
1100+ Employees
Automation

Planning &
Engineering

Production
Automation

Implementation
& After Sales

Digitalization



220+ Employees
Digitalization

Platform
From Field to Cloud

Industrial
Data Analytics

SAP ERP
Integration

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Our SAP Portfolio

We offer you system support with basis and migration know-how in SAP ERP or S/4HANA, project experience and best practices in SAP processes, transparency in processes and key figures, and our own products for your specific requirements.

Advanced Services

- Over 20 years of SAP consulting and integrations experience
- SAP Gold Partner

Hosting & Cloud Systems

- System Support
- Advanced Steps to S/4
- Basis and migration know-how

Advanced Intelligence

- SAP Analytics Cloud
- Jedox
- BI Ready to Run

Advanced Products

- Product portfolio
- Partner product portfolio
- Products for specific requirements

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Advanced Input Management

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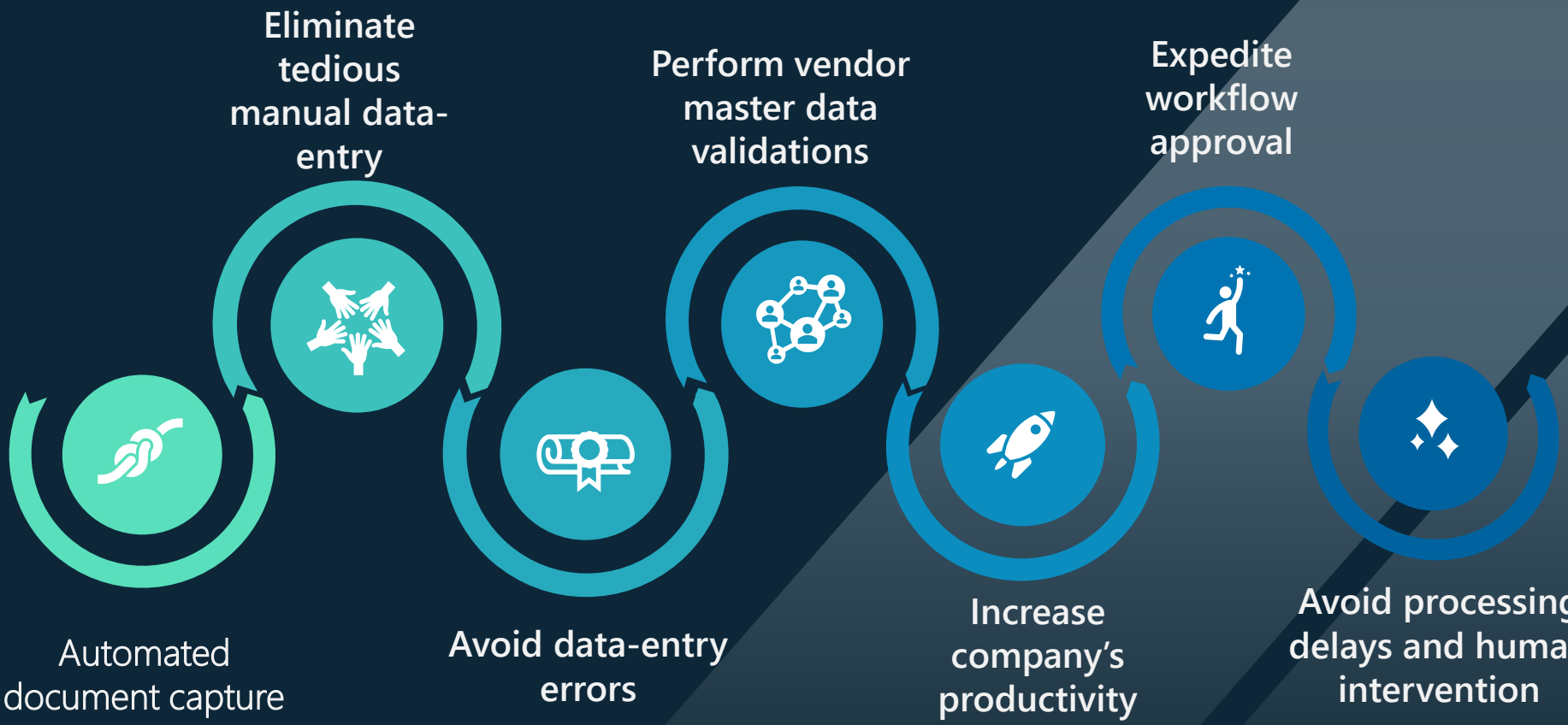
Advanced Input Management with AI Based Document Processing



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AIM Key Required Functionalities

An **end-to-end Workflow Solution with Monitor and Document Log**

Fully embedded in SAP GUI and FIORI

High physical security
All services hosted on high availability Hyperscaler infrastructure

Document Automation, Monitoring and Notifications

Extract Validation with **Data Matching**

Superior AI Recognition & Dedicated Engine for Complex scenarios & Dynamical Queue design

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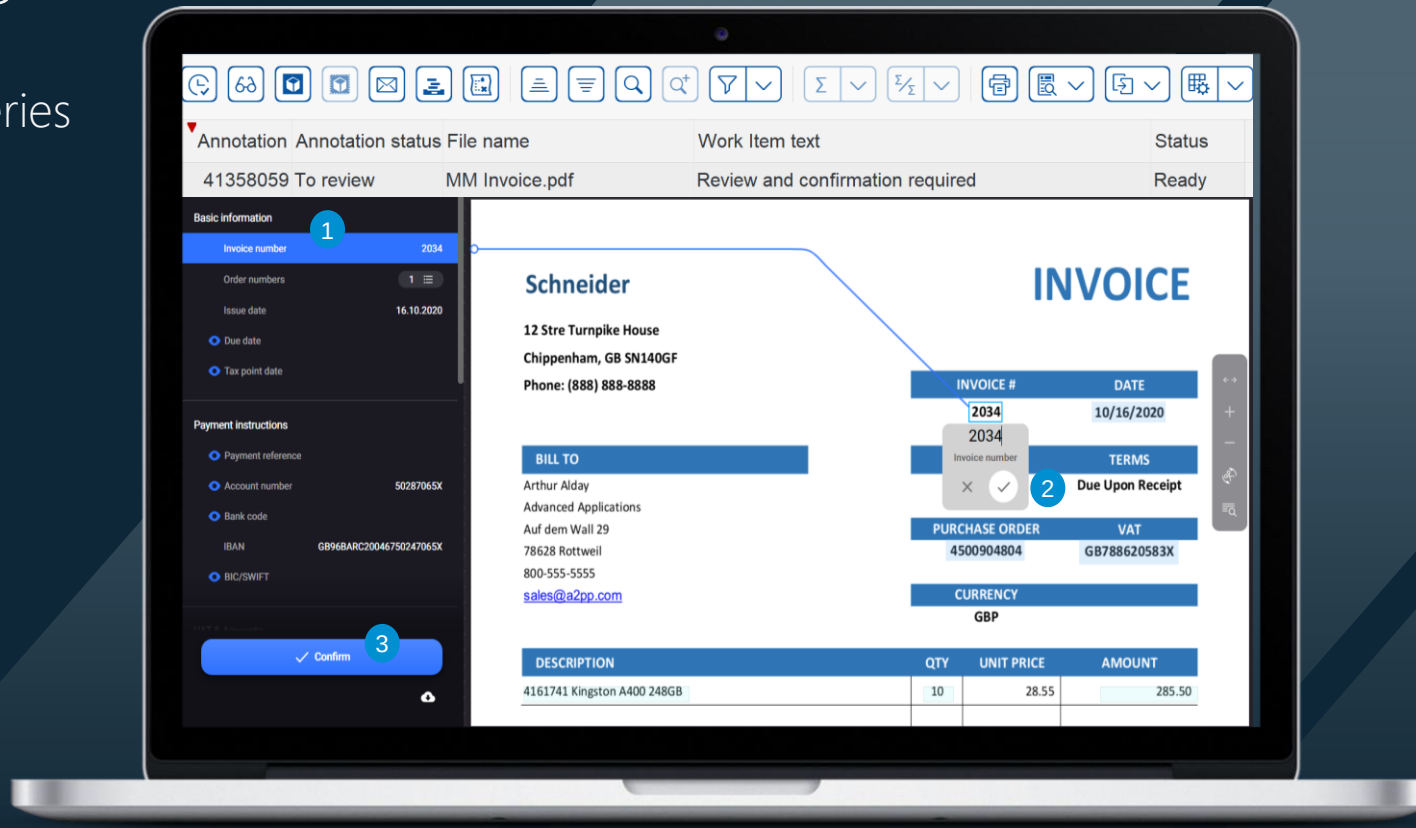
AIM – AI Based Document Processing with AI Engine

- Capture Inbound Documents through E-mail or Scan
  Invoice/Order Confirmation/Sales Orders/Deliveries
- AI-Based Extraction Data
- Data Validation
- Review, Approve & Process



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AIM Evolution

2013
Bi-Directional Integration with ELO Office

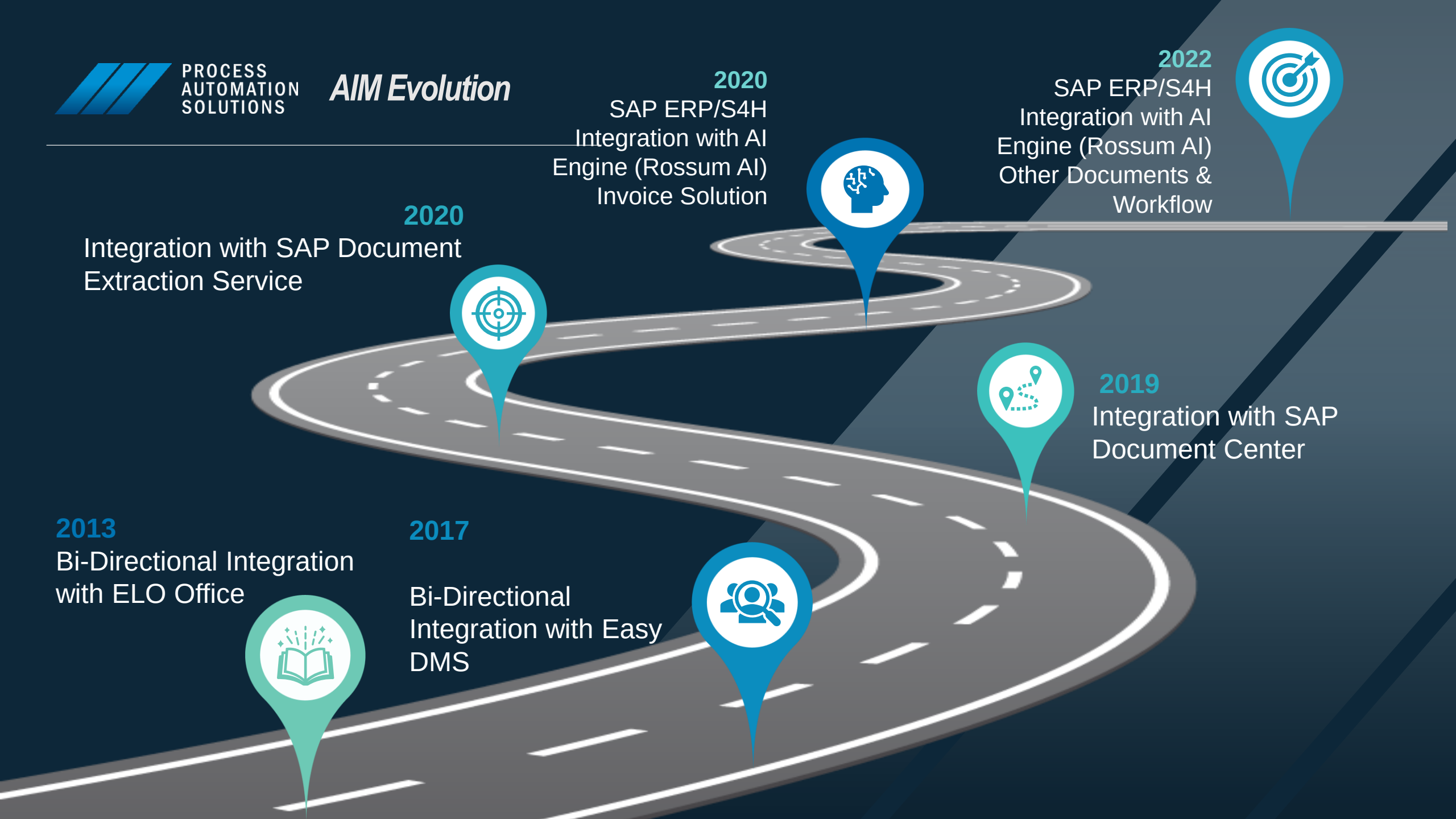
2017
Bi-Directional Integration with Easy DMS

2019
Integration with SAP Document Center

2020
Integration with SAP Document Extraction Service

2020
SAP ERP/S4H Integration with AI Engine (Rossum AI) Invoice Solution

2022
SAP ERP/S4H Integration with AI Engine (Rossum AI) Other Documents & Workflow



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AIM AI Engine TOP 3 Options

Winner

ROSSUM

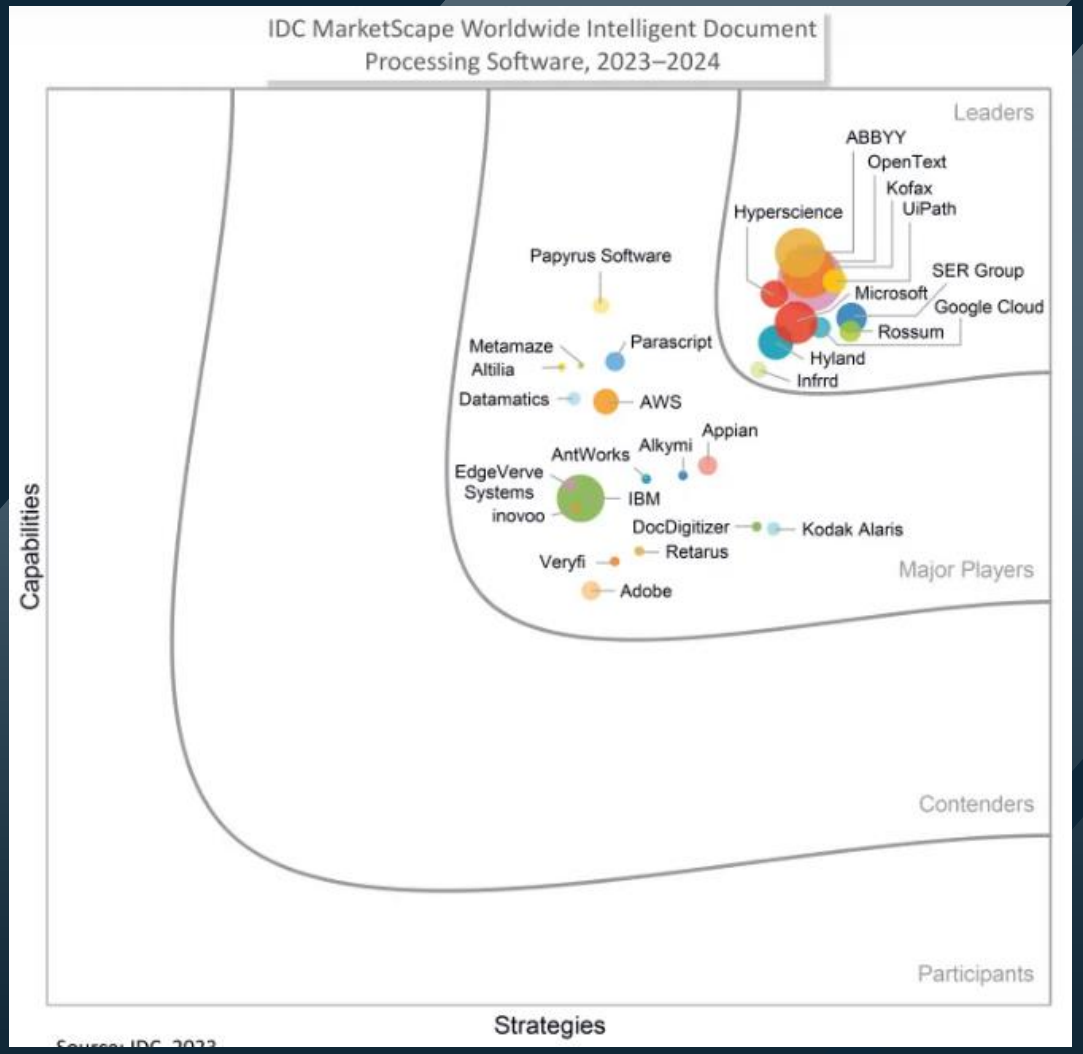
- Best in Class UI
- Best in Class Recognition
- Stable & Mature API
- Data Matching
- Enterprise Ready
- Support
- Dedicated & Generic Engines

SAP

Document Information Extraction

Use machine learning to automate your document information extraction processes.

ABBYY Vantage



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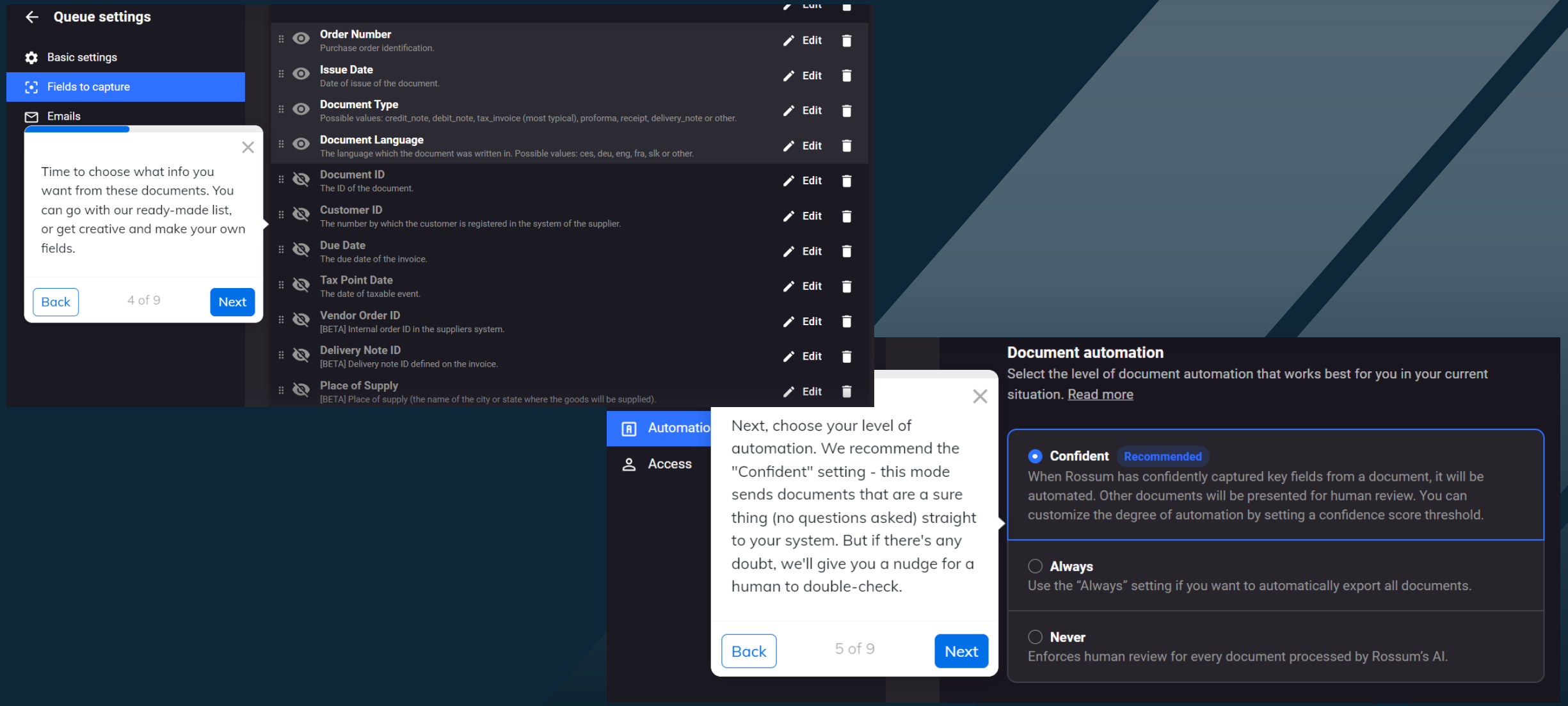
AIM - Rossum AI – Processing Queue



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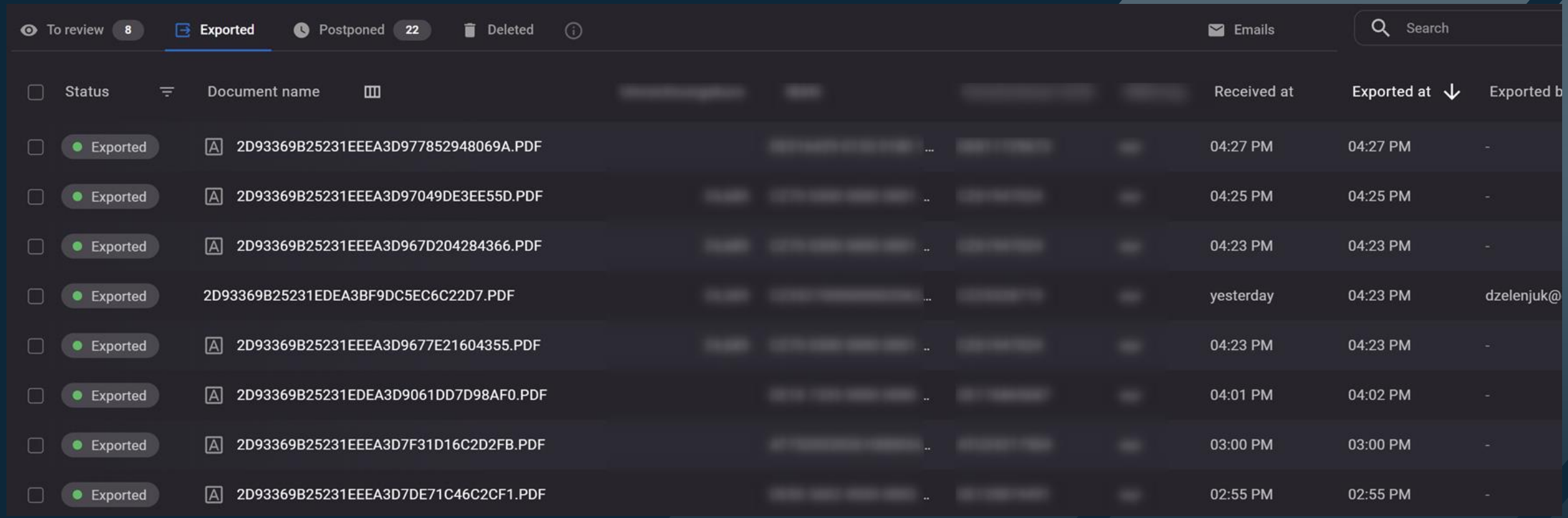
AIM - Queue Processing & Monitoring (within Rossum)



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AIM End-to-end Workflow

- AIM Workflow is a part of Advanced Workflow Framework that offers end to end solution within SAP Core Modules
- Standalone within Rossum

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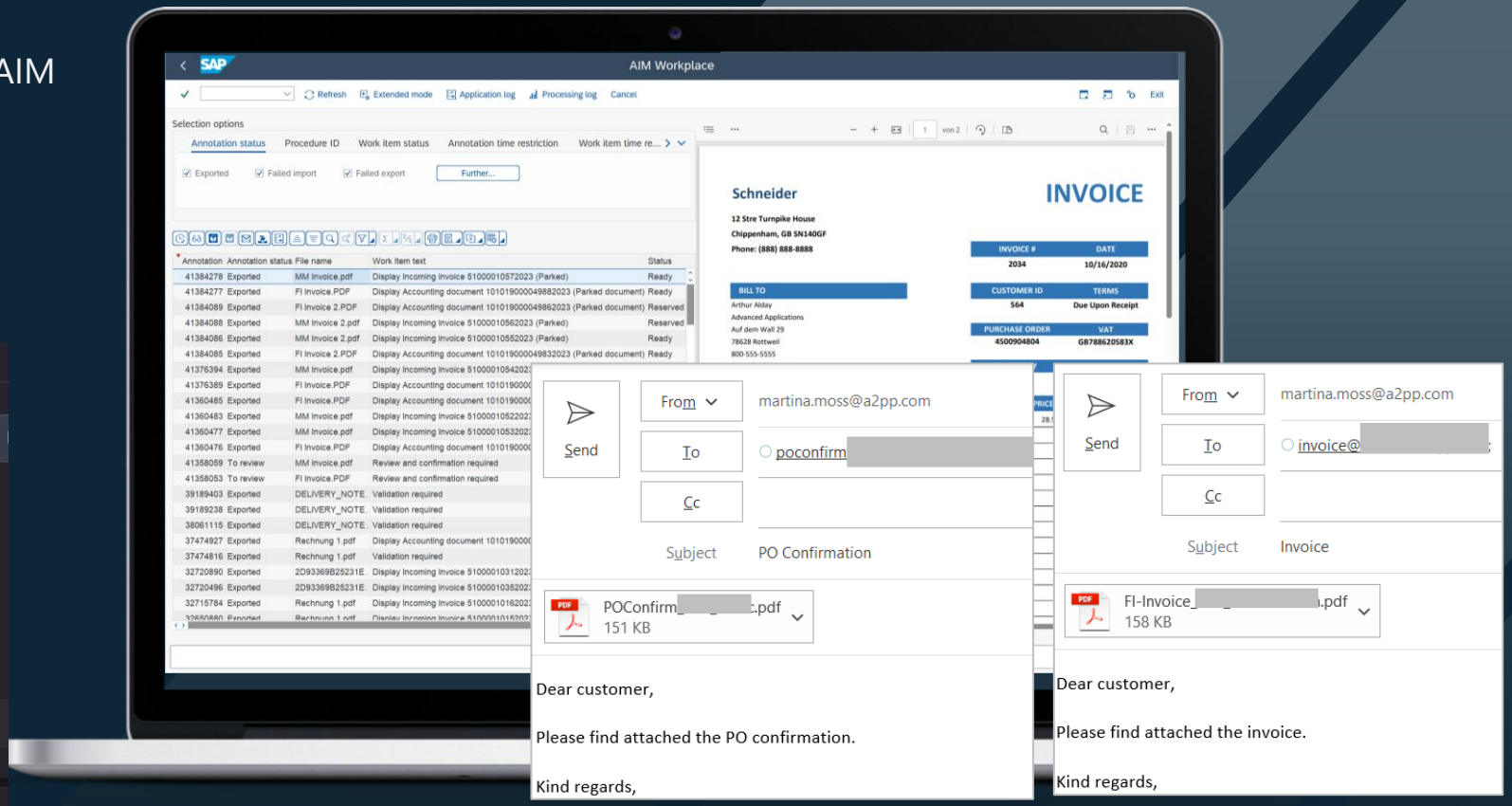
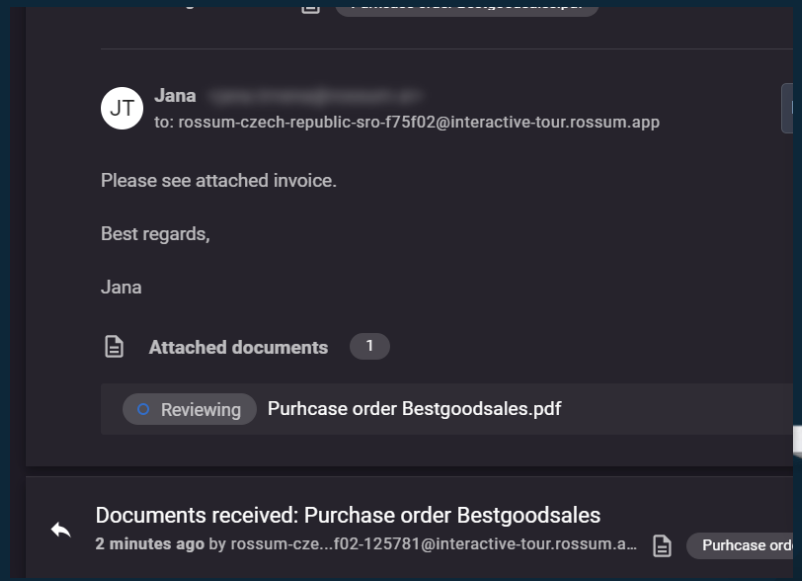
AIM - End-to-End Workflow Example E-mail

- Send an E-Mail with an attached scanned **invoice** or **PO confirmation** in **PDF format** to a **defined E-Mail address**.
- SAP will receive and process the E-Mail.
- User will see **assigned documents** in the AIM Workplace.





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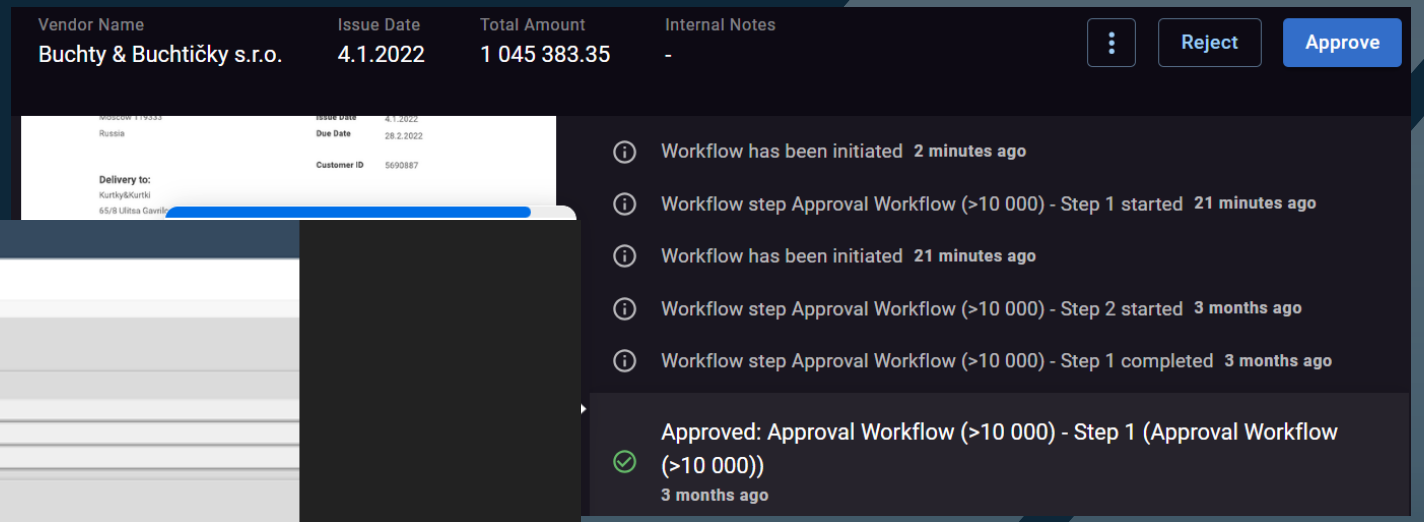
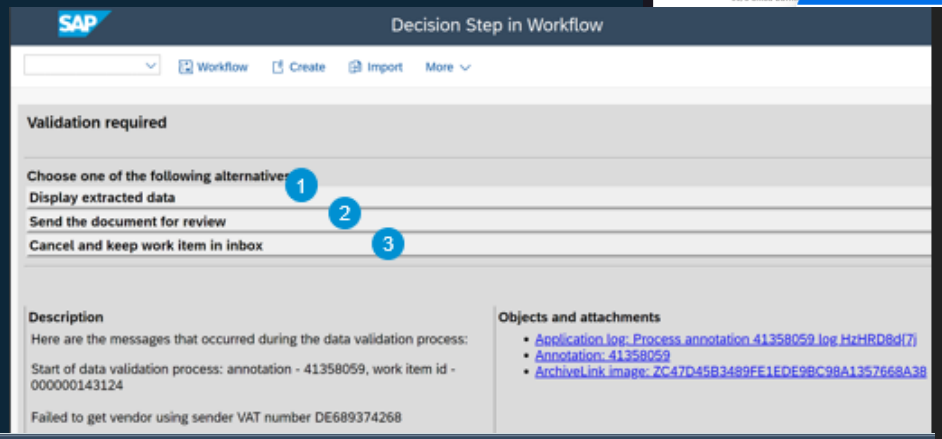
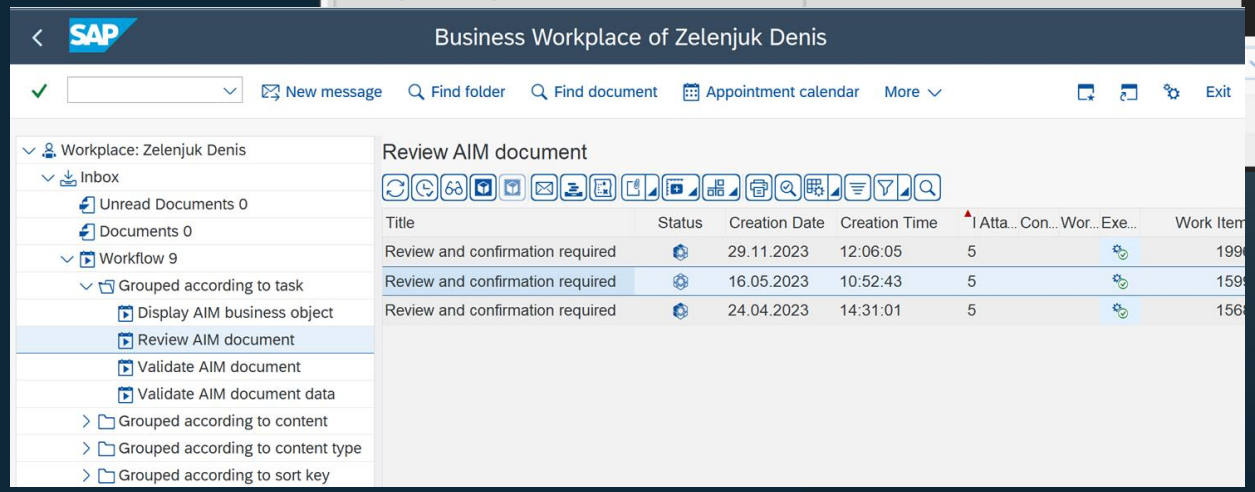
AIM - End-to-End Workflow Example Approval

- Workflow with **Approval and posting** can be started in Rossum or SAP Directly







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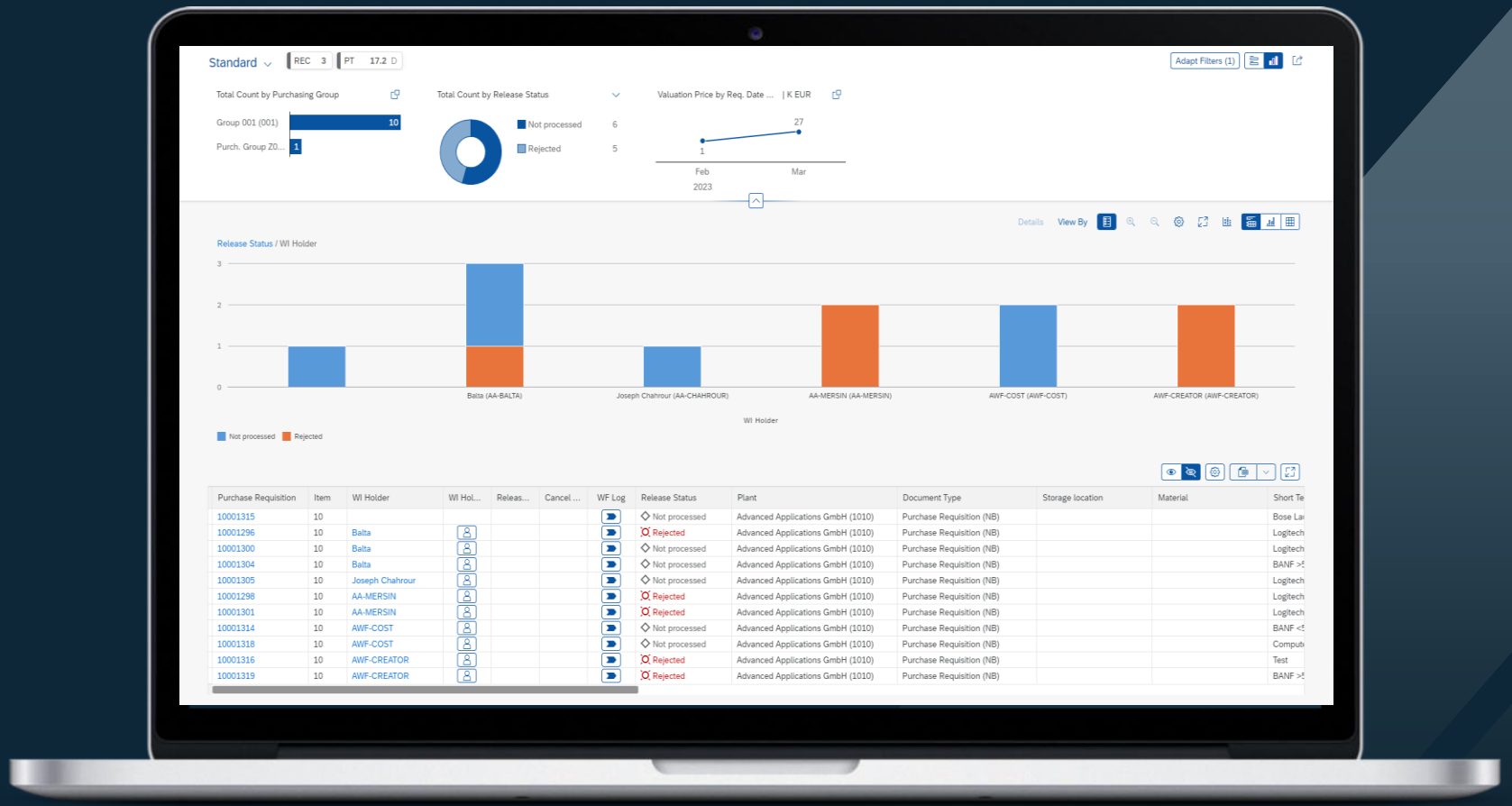
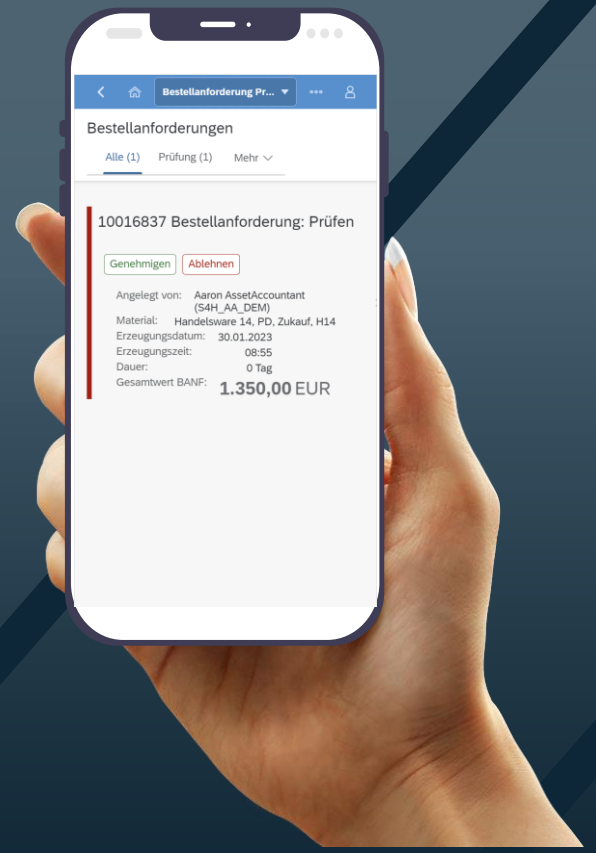
AIM Fiori Based





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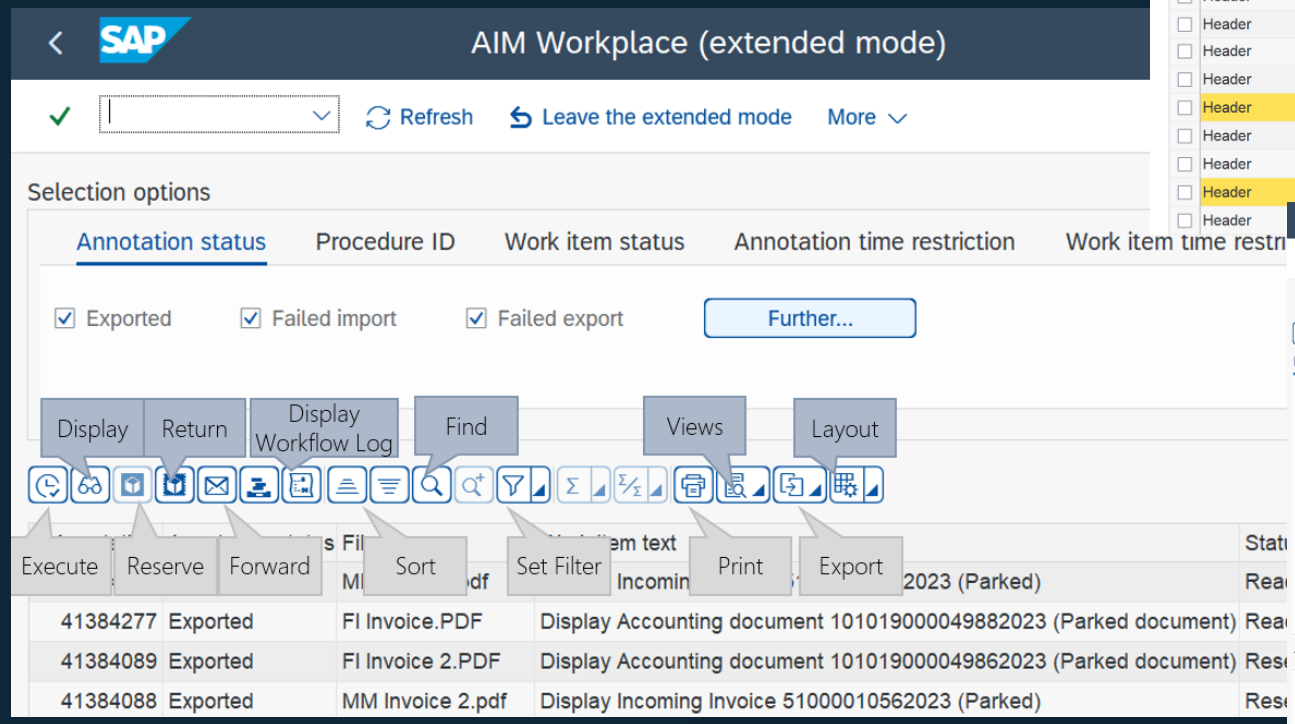
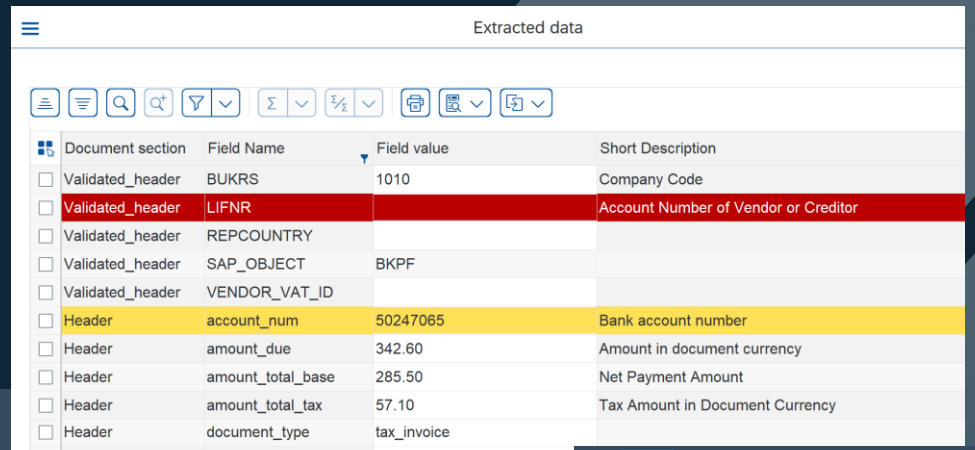
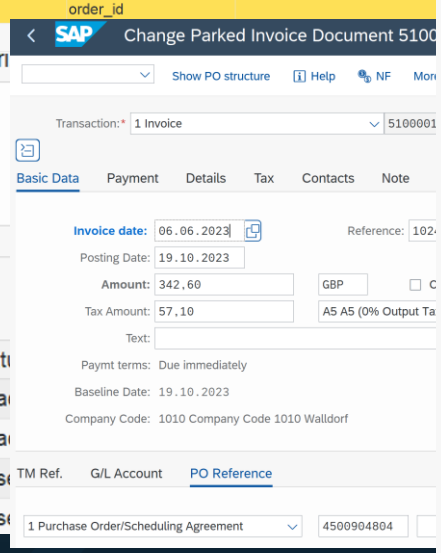
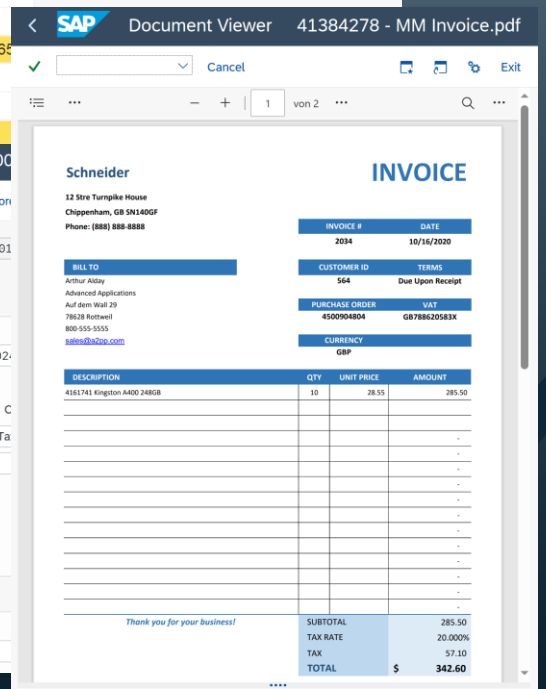
AIM - Queue Processing & Monitoring (within SAP)

- The AIM Workplace is a Workflow Inbox. It is a central transaction to process incoming documents (e.g. vendor invoices and PO confirmations).
- Each incoming PDF gets an annotation ID.
- The processing status can be viewed at any time.









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AIM - Dedicated Engine

- Get dedicated Engine for Complex Extractions:
  - Multicurrency, Exchange Rate
  - Material Revision
  - Payment Terms
- Monitor Progress and Performance

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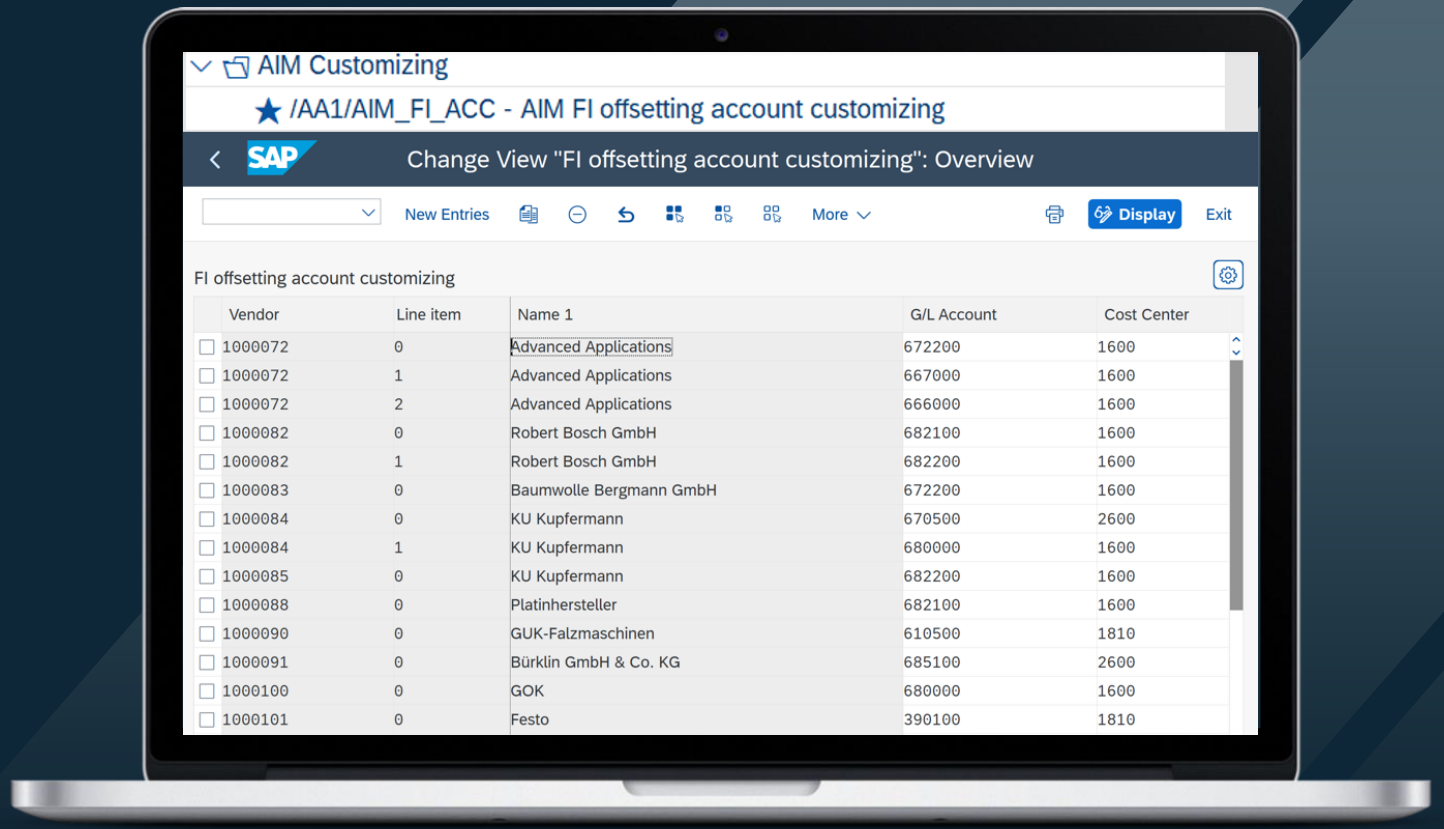
AIM - Build -In Intelligence & Scripting

- Flexible AI based learning for account determination
- Default Value Settings with transfer to Rossum AI:
  - Use **vendor-specific defaults** for offsetting account or cost center for FI invoices
  - Or use **vendor's n… last invoice posted** to determine offsetting account and cost center



SAP Demo

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Implementation Advanced Input Management

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AIM Project Phases

Discover

- Analyze AS-IS Process
- Collect & Analyze the current documents
- Define Org. Structure
- Determine Performance KPI
- Identify Dependencies and Risks

Prepare

- Define Scope
- Set Up SAP Users & Access
- Prepare E-mail Integration
- Set up AIM Queues & Models
- Prepare and Import SAP Transports
- Set Up first Demo

Explore

- Determine Possible GAPs
- Prepare Dedicated Engine (Optional)
- Execute Demo with SME & Business Users
- Define new Workflow Limits or Steps (if needed)

Realize

- Implement GAPS /Validation Rules
- Train the Users
- Document Solution
- Train Engine (Optional)
- Complete Org Structure
- Implement SAP Roles

Deploy

- Import Transport in Production
- Create Connections
- Import Certificates
- Inform Users
- Provide Training Material

Run

- Monitor Performance
- Process Compliance
- Implement Continues Improvements
- Plan further Roll-Outs

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AIM Key Technical Activities

» SAP Configuration

- Delivery of SAP Objects per Transport
- Delivery of SAP Template Roles for Configuration and Testing
- Config Guide & Documentation

» AI Configuration

- Set up Queues and Users per queue
- Activate required Layout
- Optional: Set Up Dedicated Engine and Custom Field Extractions

» Optional: Local Infrastructure

- E-mail Box & SAP Integration
- Local Gateway for Outbound Communication

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AIM – Implementation Challenges

» Business Challenges

- Incomplete master data
  Quality/Duplicates of Vendor Master Data, Payment Term, Bank Information
- Lack of consistent Approval Process
  Every department processes the approvals differently
- Change Management Commitment
- SME empowerment and decision making

» Technical Challenges

- Infrastructure & Network
  Set up new E-mail for invoices, Connectivity with SAP
- AI can learn in wrong way too
- Set Up SAP Org. Structure
- Change Management Process

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AIM – Lessons Learned

» Think Big - Start Small

» Involve the right team from the start

» Define Clear Validation Rules

» Reduce Exceptions

» Manage Post-processing Expectations

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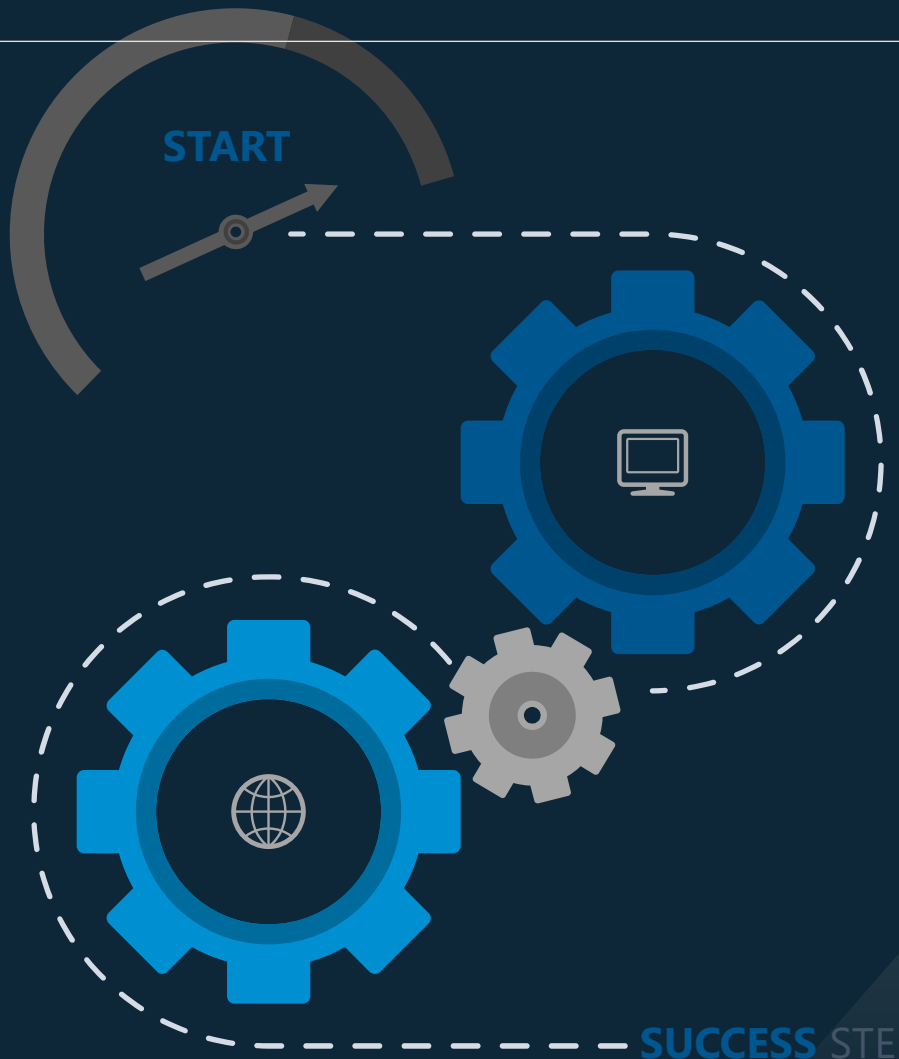
AIM Our Offering



01 Simple quarterly subscription model with a 30-Day production risk-free trial period

02 Fix Price installation, configuration and activation fee starting at 5,000 USD

03 Full support & key user training during trial period

04 Start document processing in SAP for as low as 500 USD per month*

Document/Month	Price/Document
<2,000	0,35 USD
<5,000	0,30 USD
≥5,000	On request

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ASUG

Thank You!

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FOLLOW US

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