

TCG III

ENABLE THE DIGITAL ENTERPRISE

OPTIMIZE PROCESSES WITH DPS BUSINESS INTELLIGENCE

This webinar is part of a series



DPS Order Response

Processing incoming order confirmations with DPS

Digitization of the mailroom

The requirements for the digitization of mailroom are diverse. We present different variants in input management from indexing solutions to AI-based classification processes.



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Your speaker today



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Content

- Challenges
- DPS BI modules
- DPS BI Tools complement the DPS process
- Live Demo
- Technical requirements
- Next steps

Challenges

Why does it make sense to add business intelligence to a DPS process?



**Decentralized creation
of reports, exports
such as an Excel sheet**



**High effort for the
preparation of key
figures and data
information**



**Difficulties in maintaining an
overview and keeping data
information up to date**

Challenges

What information do we need from the business process?

- What causes straight through processing (STP) to fail?
- How long does it take to process a document?
- How many documents are processed automatically?
- How does the process work in manual processing?
- What are the "bottle necks" in manual document processing?
- How are the SLAs fulfilled?
- What impact does this have on different teams, departments or company codes?



Optimize processes with DPS Business Intelligence

DPS Business Intelligence

Consists of two modules

DPS BI Reporter

Enables you to analyze the process

Shows the current state and performance of the business process

The Dashboards is showing:

- Current and development of the Straight through process (STP)
- Correction rates per post-processing station
- Recognition quality and correction effort down to field level
- Evaluations per document class, company code, sender such as vendor, etc.



DPS BI Cockpit

Enable real-time monitoring

Provides an overview of the work or document inventories in the DPS process.

The Dashboards is showing:

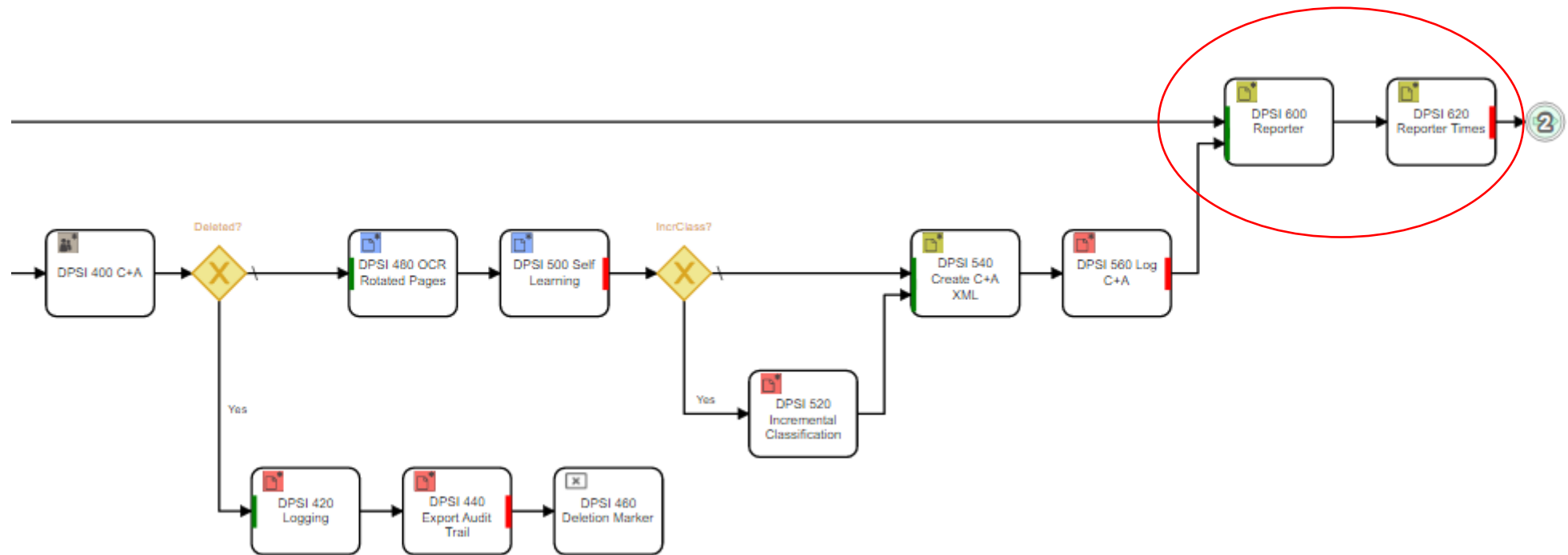
- Uses the Reporter module and its data as a base
- Stocks / Workload of all employees
- SLA control
- Resource planning
- Input channels per teams



DPS BI Tools complement the DPS process

How are DPS BI Reporter & Cockpit integrated in existing DPS processes?

- It takes two activities (Reporter / Reporter Times)
 - positioned within the process according to Autoapproval and Check+Act
 - Collect data for the statistics via both paths

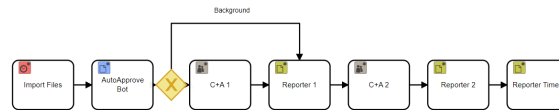


DPS BI Tools

Where does the data come from?

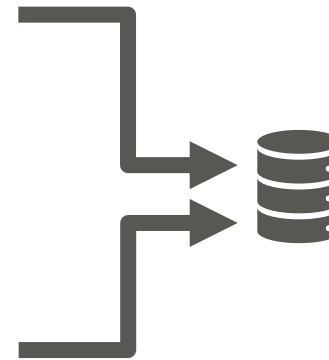


Processing of the document in the DPS process



Corrections in the postprocessing Check+Act

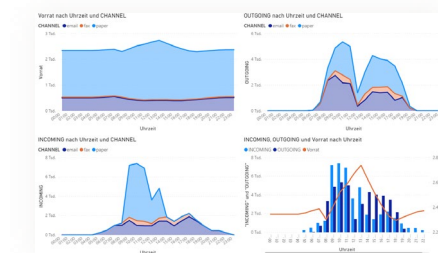
Dokumentinformationen				
Dok. Typ	Rechnung	Belegnummer *	Belegdatum *	
R	Rechnung	Lieferantennr.:83511	28.07.2022	
Beträge				
Kennz.	Satz	Netto *	Steuer *	
	0,00	126,00	0,00	
Währung: EUR				
	Bruttobetrag *	Nettobetrag	Steuerbetrag	Betragsdiff.
	3,20	126,00	0,00	-122,80
	Porto *	Fracht *	Verpackung *	Div. Kosten *
	0,00	0,00	0,00	0,00



DPS BI Reporter



DPS Cockpit





Live Demo

Advantage of the BI Tool

What are the benefits of BI Reporter and BI Cockpit?



DPS BI Reporter

- Optimize automation rates for field level extraction
- Identify automation barriers and causes of processing errors
- Reduce error rates
- Analyze opportunities for improvement in the automation process
- Increase automation and STP rates
- Improve standardization in mailroom with regard to suppliers, creditors, etc.

→ Suitable for any automated process



DPS BI Cockpit

- Take action for timely resource management
- Visualize average processing speed per employee group as a base for resource scaling
- Visualize utilization of teams over a period of time
- Gives a base for interpretation for future workload
- Improve the control of lead times





→ For companies, departments with large or different teams

DocProStar BI Technical requirements



Technical requirements

What requirements are necessary?

- Existing DPS process
- Capacity for the database (separate tables in existing installation)
- Four tables within the DPS System database
 - Correction Reason
 - Documents
 - Fields
 - Times
- Individual configuration within the activity
- Microsoft Power BI



+  `dbo.DPS_REPORTER_CORR_REASON`
+  `dbo.DPS_REPORTER_DOC`
+  `dbo.DPS_REPORTER_FIELD`
+  `dbo.DPS_REPORTER_TIMES`

DPS Config activity

 DPSI 990 Config 


Use default DB connection






DB connection name

 \$GlobalSystemDbConnectionName\$ 

Reload DPS Config for every work item



Dimension expressions





Key	Value	Actions
TIMEST	<input type="text" value="datePart(now())"/>	
CLIENT	<input type="text" value="[RptCompCode]"/>	
CHANNEL	<input type="text" value="[InputChannel]"/>	
TASK	<input type="text" value="'DPSI 300 C+A'"/>	
CUSTOM1	<input type="text" value="[CrdNo]"/>	

▼ Times DB table


DB table name

 DPS_REPORTER_TIMES 


Dimension DB columns (semicolon-separated)

 TIMEST;CLIENT;CHANNEL;TASK;CUSTOM1;CUSTOM2; 

Processing time histogram (number of minutes, separated by s

 60;120;240

Idle time histogram (number of minutes, separated by semicol

 30;60;90

Availability

The DPS BI tools are available now

- Do you want to complement your existing DPS process with BI tools?
 - Can be subsequently integrated into your process (min. DPS version 2019.4)
- You want to automate your first standard process with us?
 - DPS BI Reporter as add-on for DPS Invoice
- For special applications, we will be happy to arrange an appointment.



Let's get in touch for any further questions.

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**DPS Mailroom &
DPS Order Response**

