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intarsys

SAP and Digital Signature

How to integrate QeS into highly automated Processes

OctoberPDFest
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How to integrate QeS into highly automated Processes

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Your Hosts

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Trust services and legal framework

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- With the publication (23 July 2014) of the regulation on electronic identification and trust services for electronic transactions in the internal market of the European Union (eIDAS), the basis for Europe-wide, legally valid electronic communication and secure electronic identification was created.
- Since July 1st, 2016, trust services according to the eIDAS regulation can be offered in all 28 EU member states.
- eIDAS (**e**lectronic **ID**entification, **A**uthentication and trust **S**ervices)

eIDAS

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Trust services according to eIDAS regulation

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Trust Services

- Creation of certificates for advanced and qualified Signatures (also remotely triggered)
- Creation of certificates for advanced and qualified seals
- Advanced and qualified timestamps
- Inspection and preservation services
- Electronic documents
- Electronic registered Delivery services
- Qualified Website certificates

One platform for seals, signatures and time stamps

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Trustservices – digital signature processes

- Prove approvals
- Identifying persons
- Protection against change
- Link content to point in time
- Detect manipulation (validate)
- Verifiable information transfer
- Issuing and managing certificates

The right signature procedure for your business processes

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SEAL

E.g.
autom. Preservation of evidence

Invoices, receipts, etc..

TIME STAMP

E.g.
Proof of time-related transactions

Banking, patents, designs etc.

DIGITAL SIGNATURE

QES: Replacement of the manual signature (natural, living person)

Contracts that require the written form

FES: Personal approvals (comparable with "i.A.")

Approvals in validation processes, evidence of activities

The Variety of IT Tools

- Document Management Systems
- Workflow
- eArchive und eRecords
- Forms Builder
- (Data)Transfer Platforms
- Business Process Management
- etc.

SAP Moduls and Technologies

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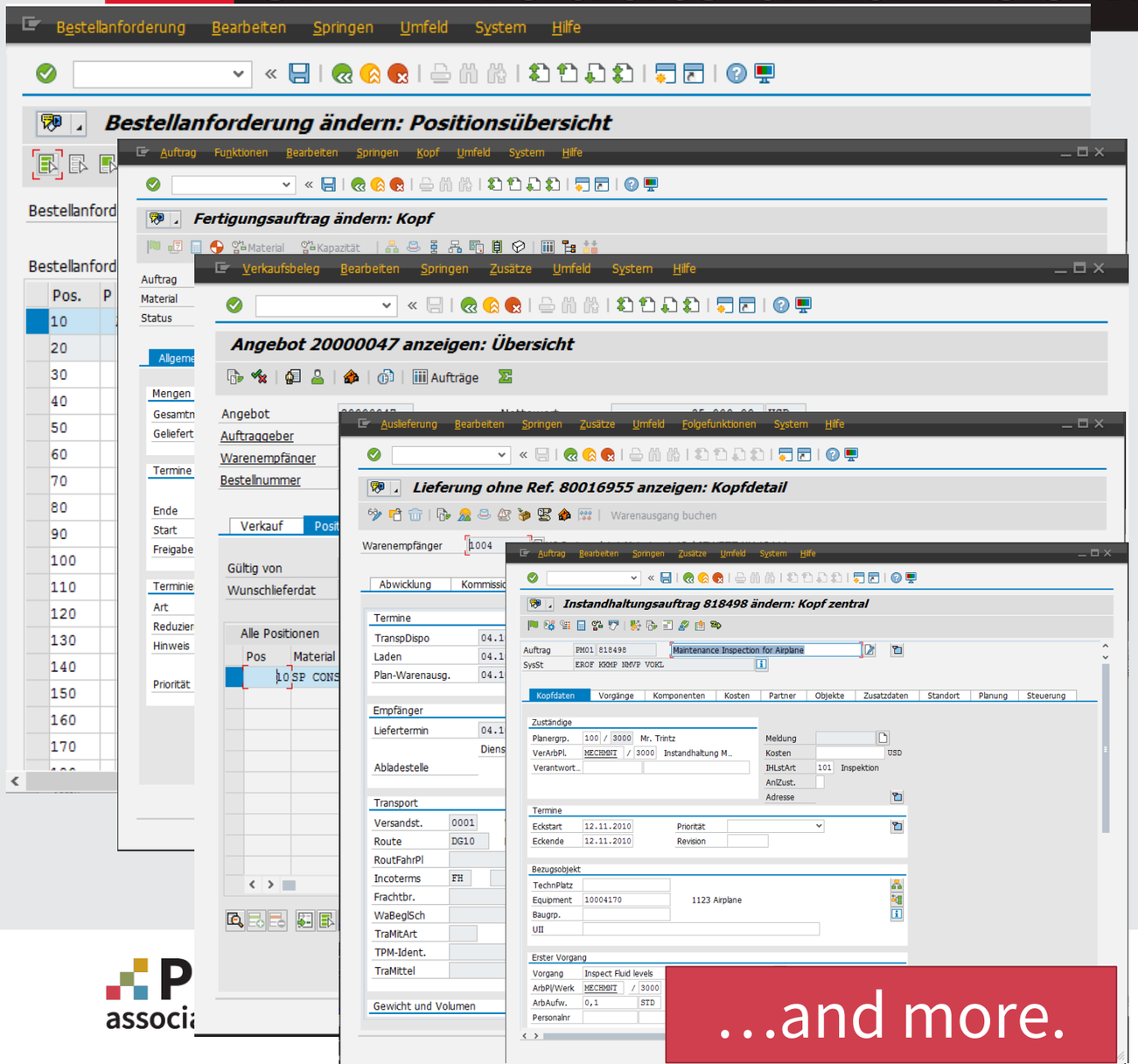

ArchiveLink

ABAP

Generic Object Services

Business Document Service

Adobe Document Services

SmartForms

SAPscript

…and more.

… and more.

Forms are Part of Digitalization

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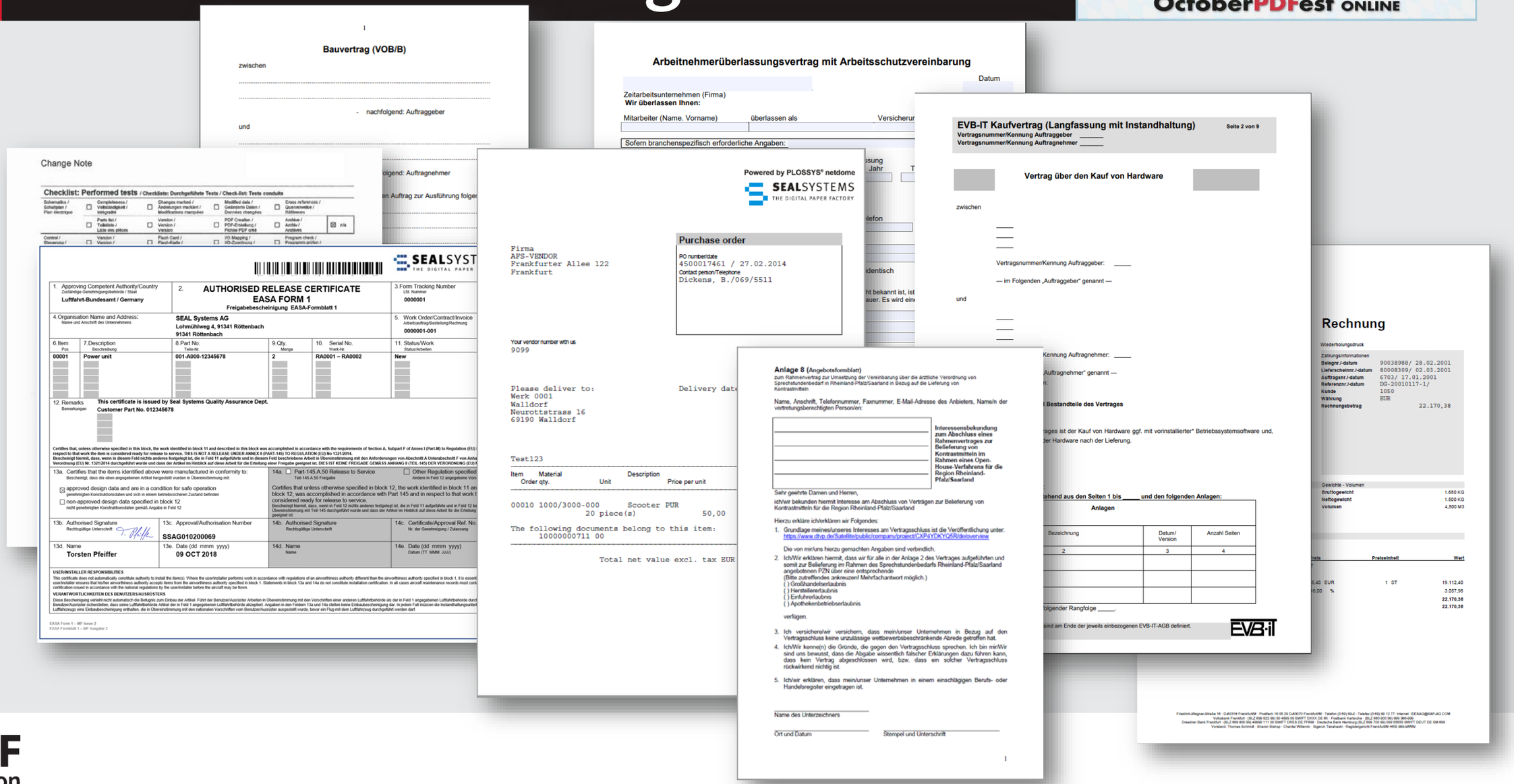

PDF association

Standardized and proven – Portable Document Format (PDF)

2020-07-10 2228611

2228611 - Output Management in SAP S/4HANA

Version	25	**Type**	SAP Note
Language	English	**Master Language**	English
Priority	Recommendations / Additional Info	**Category**	Consulting
Release Status	Released for Customer	**Released On**	26.02.2019
Component	CA-GTF-OC (SAP S/4HANA output management)		

Please find the original document at https://launchpad.support.sap.com/#/notes/ 2228611

Symptom

SAP S/4HANA introduces a new style of output management (OM).

For SAP S/4HANA 1709 or a higher please check the standard documentation under help.sap.com.

For releases 1511 and 1610 this SAP Note provides you with an overview of this topic.

PDF-based print forms with fragments (default) PDF-based print forms Smart Forms SAPscript

Sustainable with SAPscript and Smartforms

Your Data for sure

- Intended use
- Safe storage
- Right to be forgotten

Electronic SEAL – 100% automated

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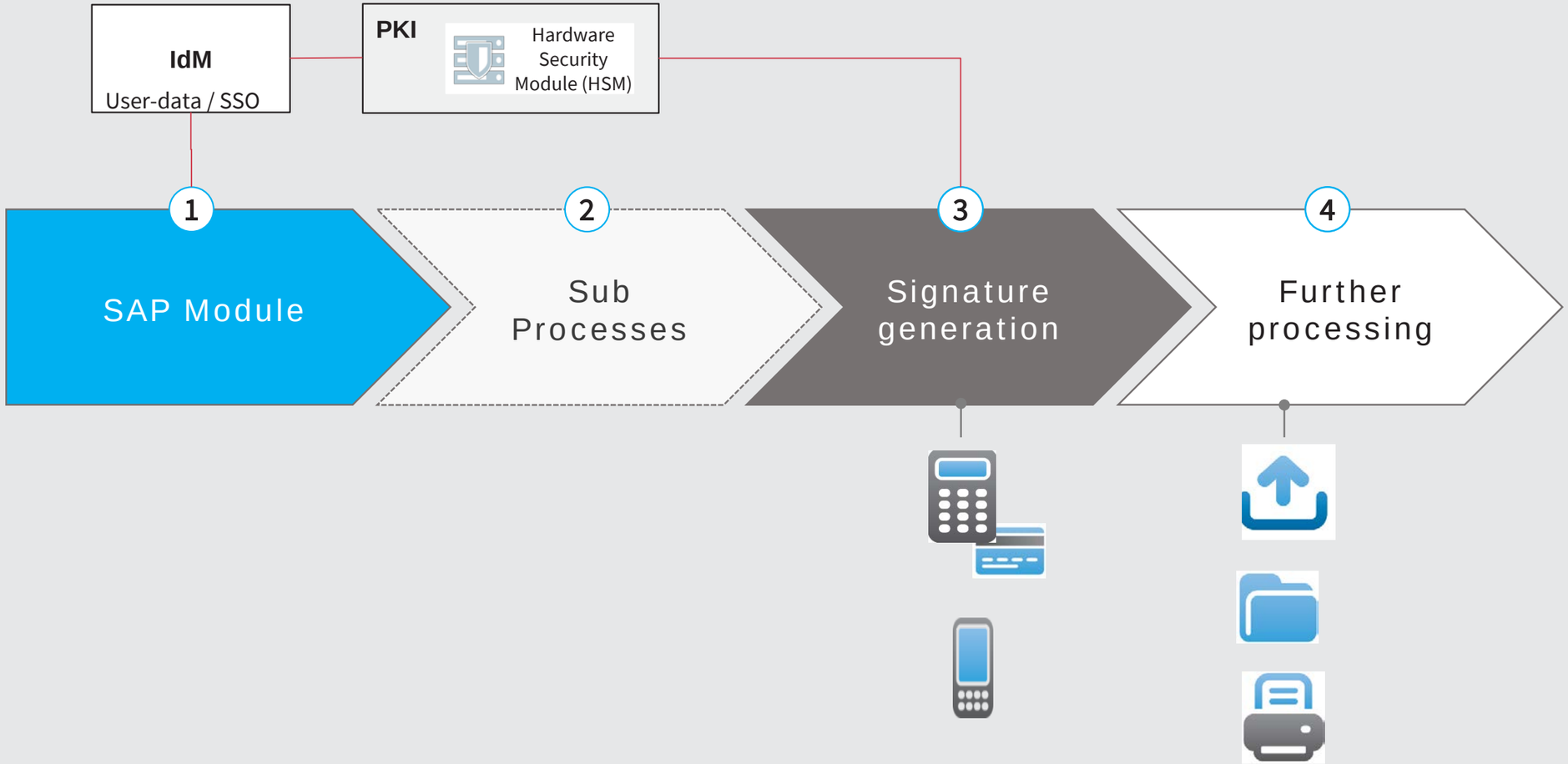
INPUT	SUB-PROCESSES	AUTOMATED SIGNING

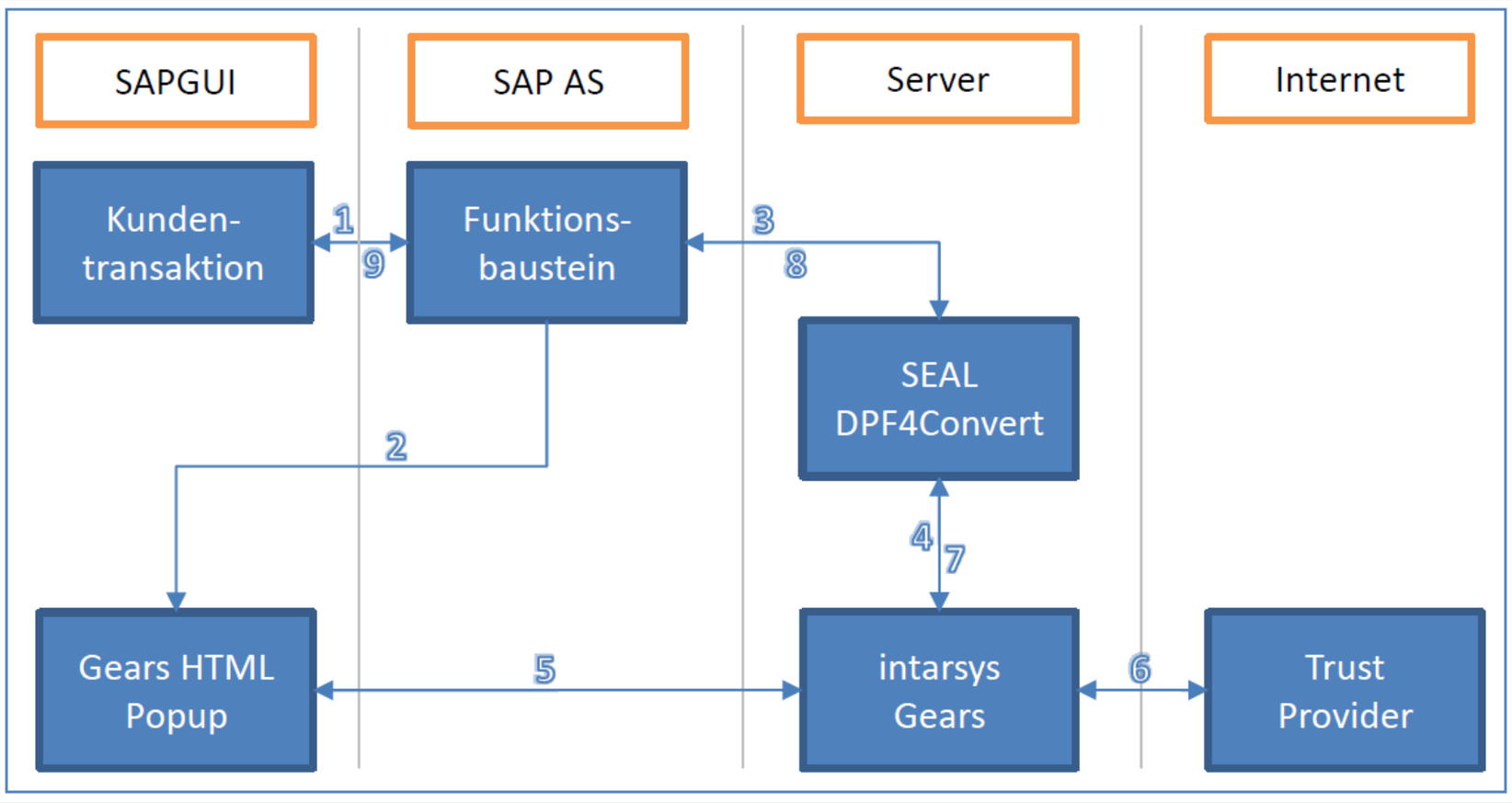
1. Letter Post
2. File-Upload
3. eMail/ eFax
4. XML Web-form
5. Manually

Further processing

Sign with QeS



And now to the practice…



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What you need to Use it

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License

signature software

trust service

Remote signature

Integration in SAP

Hardware

Certificate (with QeS reader + smart card)

Mobile Phone for remote signature

Services

Consulting

Maintenance

Operation

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Wrap-up

- One solution for all signature types / types
- Extensive use of SAP technology
- No additional process platform
- Without media discontinuity

Ready to use

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Time for your questions …

SOLUTIONS FOR YOUR SAP BUSINESS PROCESSES

Maintenance
Mobile app for maintenance

Purchasing
SEAL Systems supplier portal

Sales
Billed as per EDI/ZUGFeRD

Construction
Integration in ECTR

Finishing
Paperless finishing

Also for project systems, materials administration and SAP DVS

CONVERSION FOR SAP

Conversion for SAP DVS

Certified printing and conversion interface BC-XDC

File converter for SAP records and folders management

OUTPUT MANAGEMENT FOR SAP

Document printing from the SAP document system

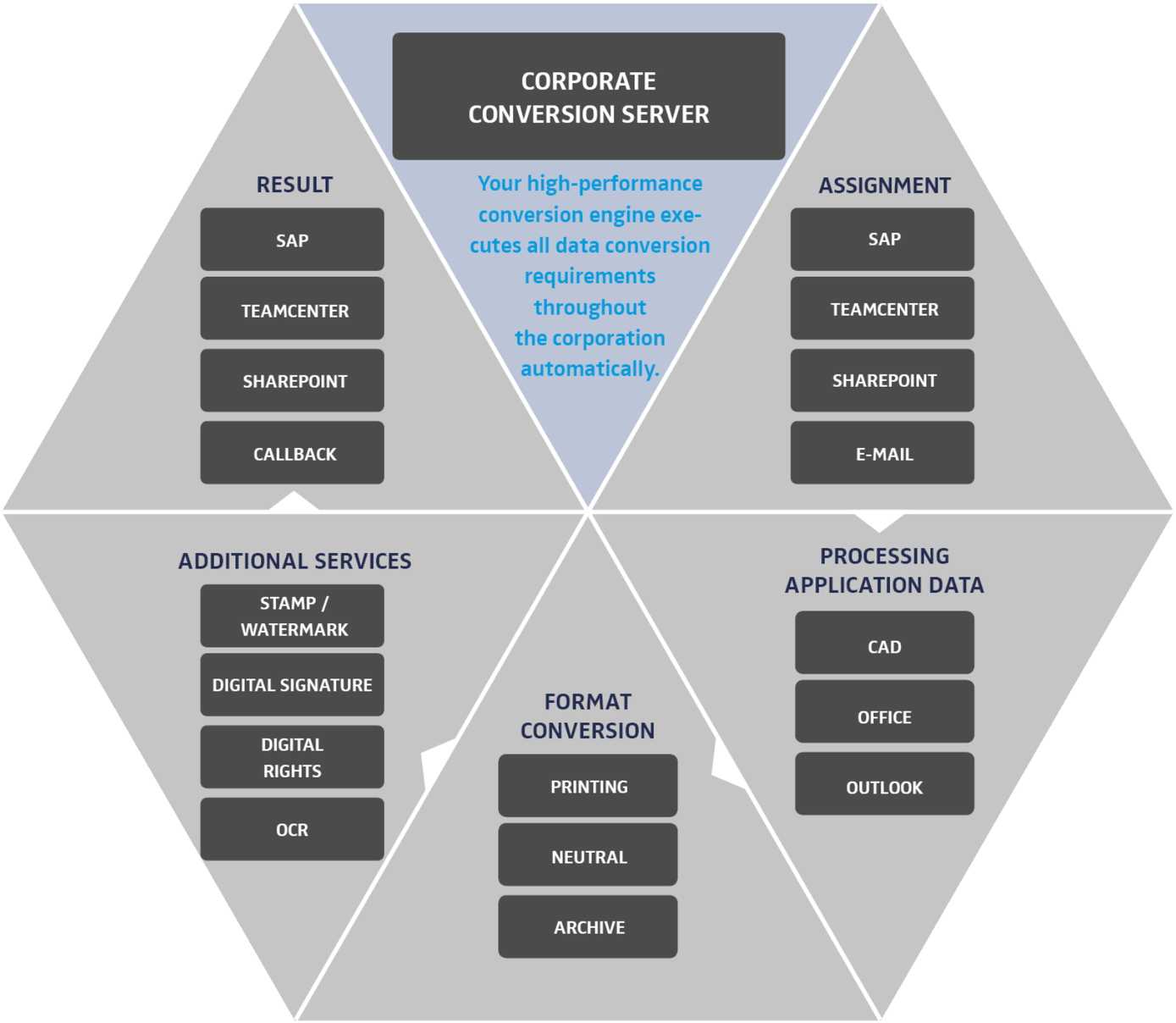
Printing and digital distribution

TECHNICAL DOCUMENTATION

Create manuals, generate production information, compile parts catalogues

Interface to editing systems, CM and ECM

- Stamp & View
- Import Processes
- Signature Page
- Transmittals



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Thank you very much for your participation!

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