Libelle AG

For your success!
Innovative Software and Services.

Efficient automate. IT processes optimize. More time for business.

Libelle AG. On your side. Worldwide.

ESTABLISHMENT
owner-managed
management board
Lars Albrecht (CEO)
Hans-Joachim Krüger (CTO)

EMPLOYEES
25 Years ABAP Development
25 Years SAP- and Non-SAP

LOCATIONS
Germany
Stuttgart (HQ), Schwelm,
Walldorf, Bochum
France
Clichy (Paris)
USA
Atlanta

PARTNER NETWORK
Business Partner
Local + Global
Technology Partner
SAP SE, Oracle, IBM,
Microsoft, …

CUSTOMERS
Worldwide, all industries,
SME / World Leader
10 GB to >100 TB
Landscapes

Libelle AG. Innovative Software, which facilitates the everyday IT work.

STANDARD SOFTWARE

MSSQL
MySQL
Oracle
ASE Windows HANA
WebDynpro DB2
DB2 ABAP/OO Unix
Oracle
MaxDB
ABAP

All IT-Systems

Data-Mirroring

- Disaster Recovery & High Availability scenarios
- Data mirroring over any distance
- System/Database relocation

Data Anonymization

Build-up of testing, training, quality assurance systems with realistic-looking and consistent data that can not be traced back.

SAP®-Systems

System Copies

- System Refreshes,
- Build-up of testing, training, quality assurance systems ,
- Copy of individual clients,...

Securing Process Quality

- Monitoring and management of system and business processes
- Monitoring and management of IDoc
- Master Data Services Suite

Libelle AG. Excellent services for your IT projects + Libelle solutions.

KNOW HOW

Libelle-specific Services

Consulting, implementation, customization and support for the entire Libelle Solution Portfolio.

General Services

System and database relocations, migrations, updates, upgrades.

SAP Basis: Services

Consulting, implementation, customization, project implementation (release upgrades, migrations, installations, SUM DMO,…). Technology know-how.

SAP Basis: Operation

Support Service for the SAP system landscape (monitoring, troubleshooting), operational support (AMS) around the SAP base and their life cycle.

ABAP and ABAP/OO: Consulting, Development & Support

Customization and development of software and additional programs for installation, maintenance, data extraction. Consulting master / transaction data, data migrations with ALE, EDI, IDOC, RFC, LSMW.

EDIMON: IDoc message types and their usage
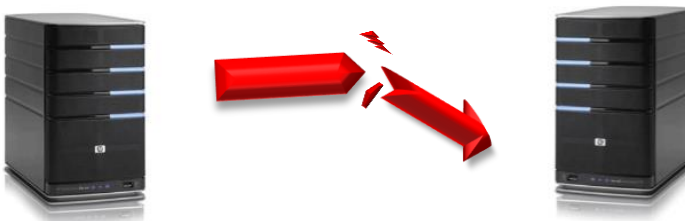
IDoc as data exchange between IT systems

- Contract
- Order
- Invoice
- Material Master
- Customer Master
- Vendor Master

EDIMON: IDoc message types and their technique

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Several errors may occur in partner system!

EDIMON: IDoc message types and their technique

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Several errors may occur in partner system!

How can you recognize error in partner system?

IDoc as data exchange between IT systems

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Architecture

Monitoring, View, Analysis

Correction and Solution

EDIMON

Automatical Reactions

Reporting

Authorization

Architecture

Fully integrated SAP „Look & Feel". Decentralized per system or central cross-system. R3 and S4. No ABAP knowledge required.
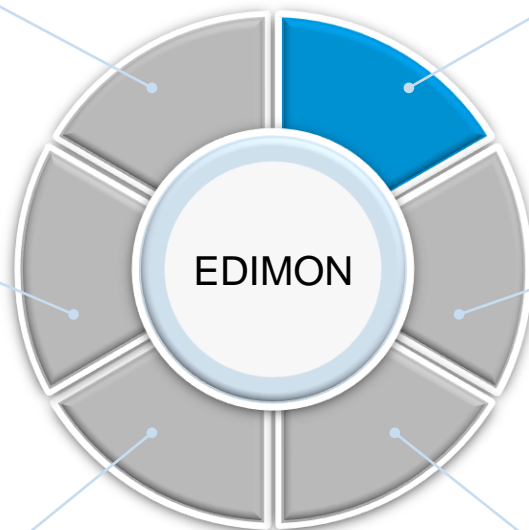
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Libelle

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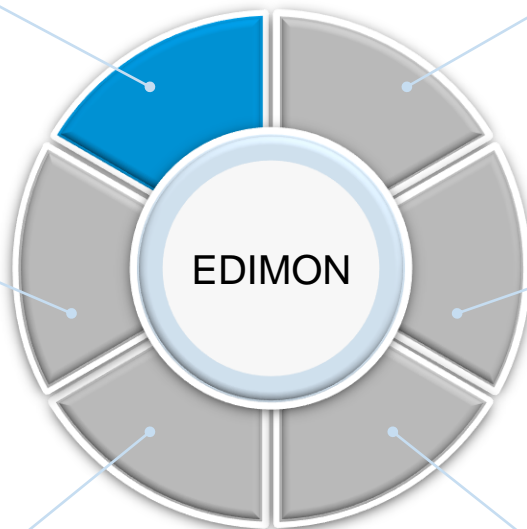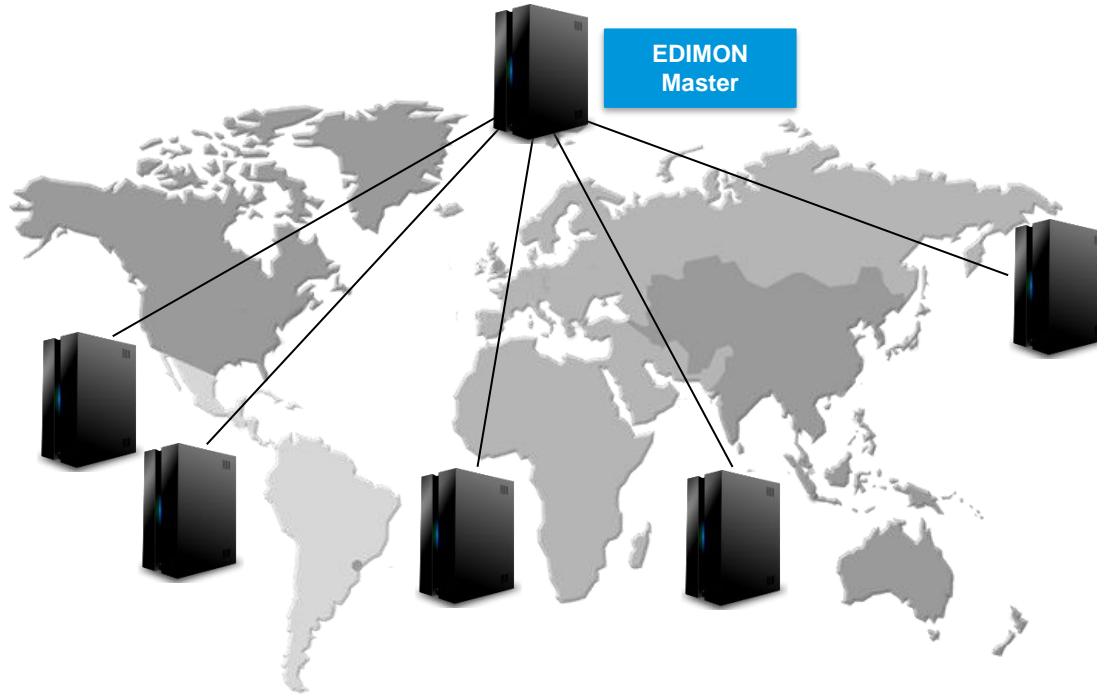
Fully integrated SAP „Look & Feel".
Decentralized per system or central cross-system. R3 and S4.
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# EDIMON: Overview

Architecture

Monitoring, View, Analysis

Overview of IDoc list- or tree view,
drilldowns and analyses.
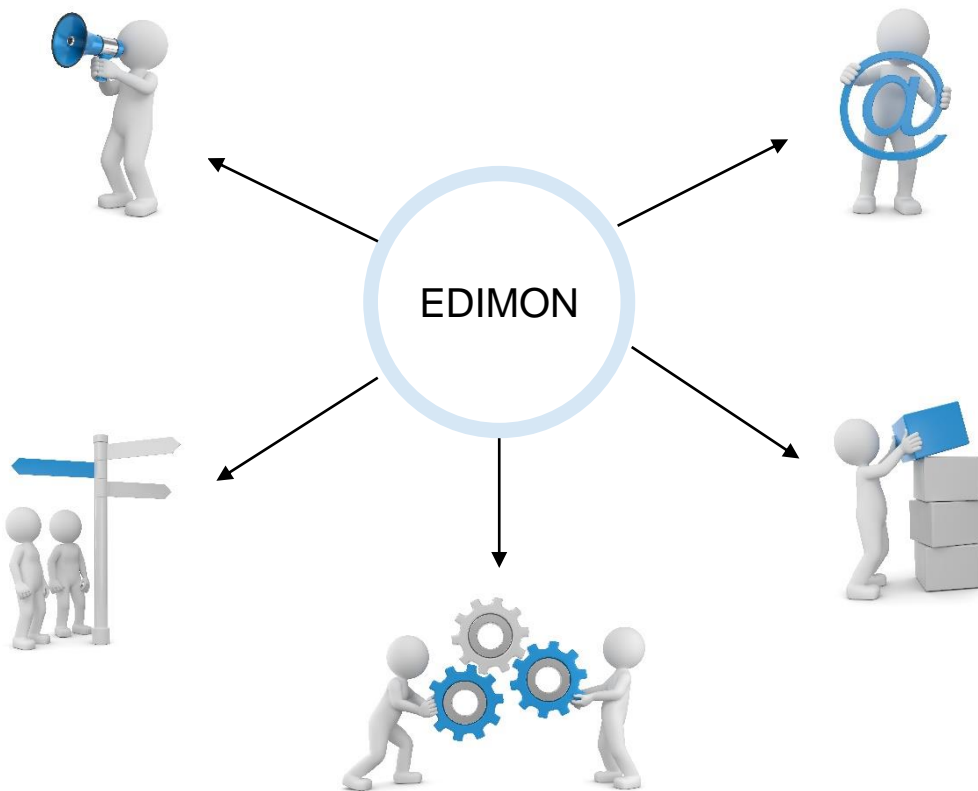Business form, go to standard transaction
per Object-ID.

Correction and Solution

EDIMON

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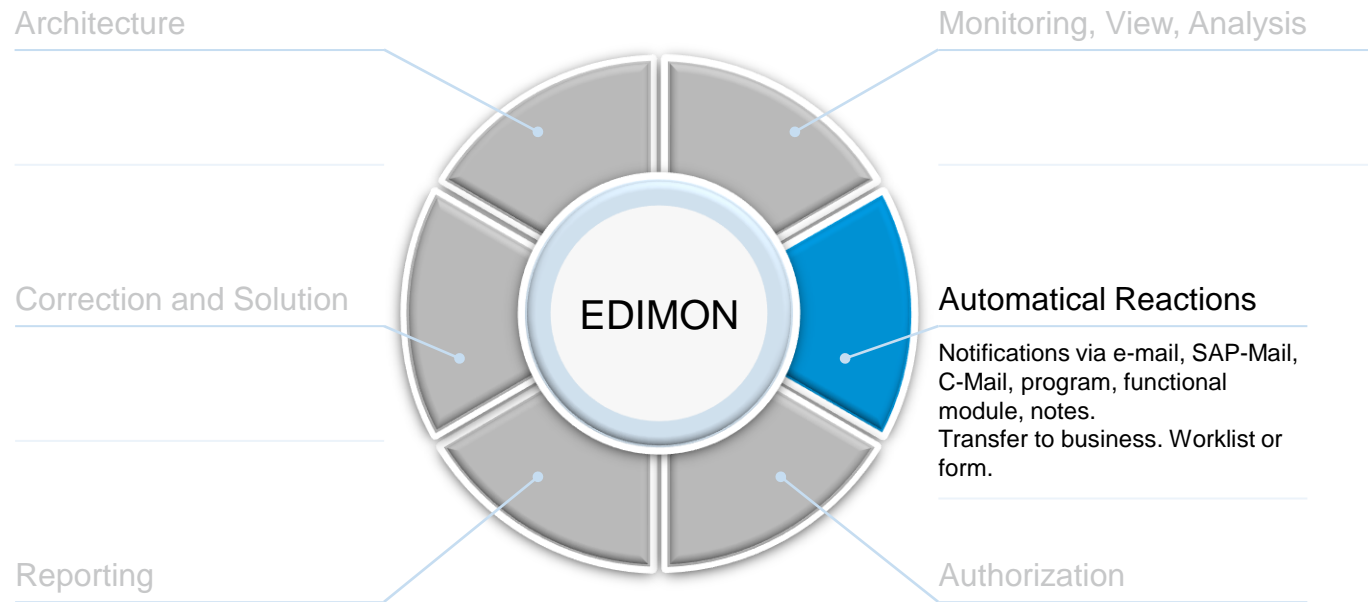
Architecture

Monitoring, View, Analysis

Correction and Solution

EDIMON

Automatical Reactions

Notifications via e-mail, SAP-Mail, C-Mail, program, functional module, notes.
Transfer to business. Worklist or form.

Reporting

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Automatical Reactions

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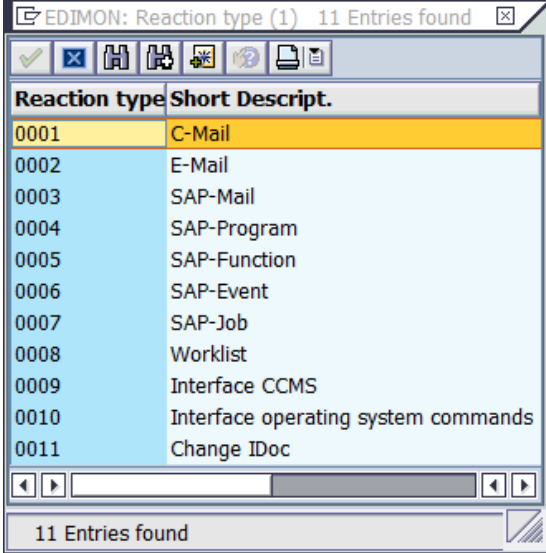
EDIMON

EDIMON: Automatic reaction

- Notifications by mail

- Starting of:
- SAP programs (e.g. correct known errors, change data fields, …)
- SAP function modules (e.g. delete IDoc, change status, …)
- SAP event can be raised
- SAP jobs (e.g. re-post IDoc, start correction, …)

- Creating worklists
    - SAP IDoc correction (directly by the Department)

- Interface
    - Sending data to CCMS
    - Operating system commands

- Changing IDoc with condition

EDIMON: Reaction type (1) 11 Entries found

Reaction type	Short Descript.
0001	C-Mail
0002	E-Mail
0003	SAP-Mail
0004	SAP-Program
0005	SAP-Function
0006	SAP-Event
0007	SAP-Job
0008	Worklist
0009	Interface CCMS
0010	Interface operating system commands
0011	Change IDoc

11 Entries found

EDIMON: Overview
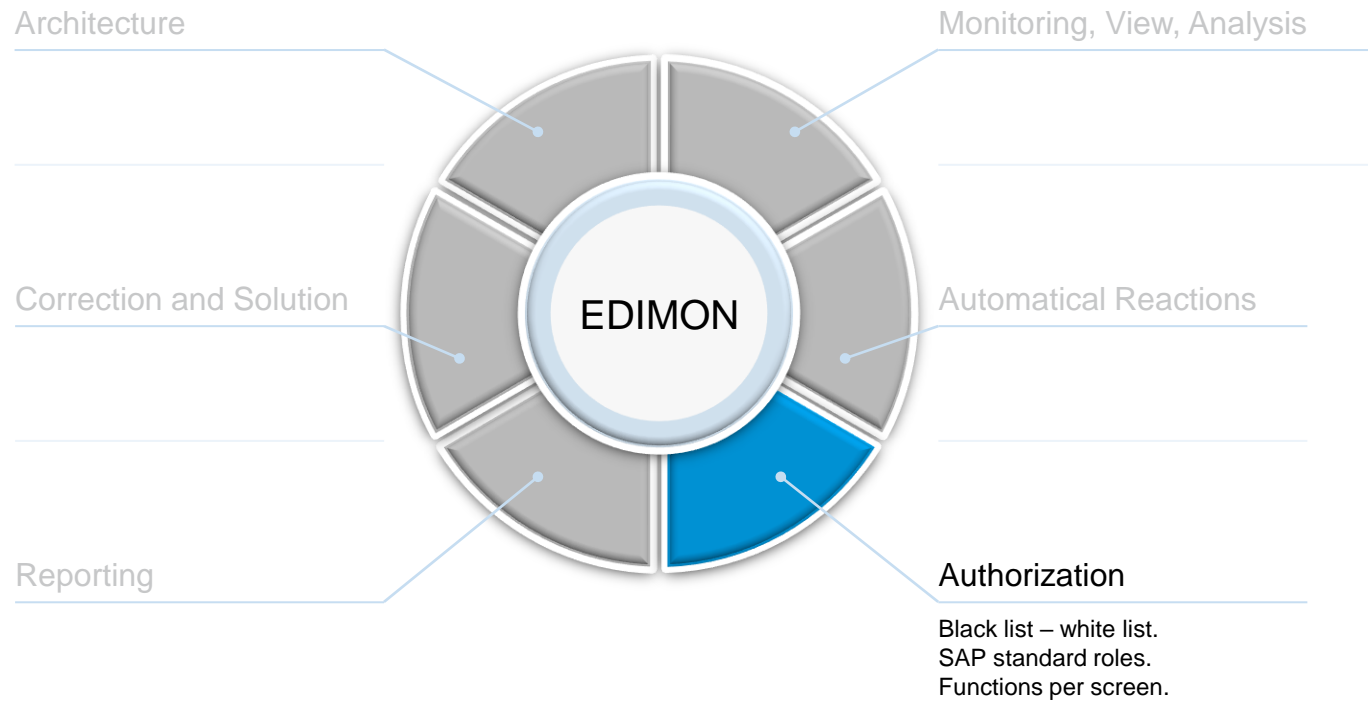
Architecture

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EDIMON

Automatical Reactions

Reporting

Authorization

Black list – white list.
SAP standard roles.
Functions per screen.

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Authorization

Black list – white list.
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Functions per screen.

Architecture

Monitoring, View, Analysis

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Automatical Reactions

EDIMON

Authorization

Reporting

Reports for all IDoc, reactions and changes.
Revision safety. Connection to ticket systems. Blockchain.
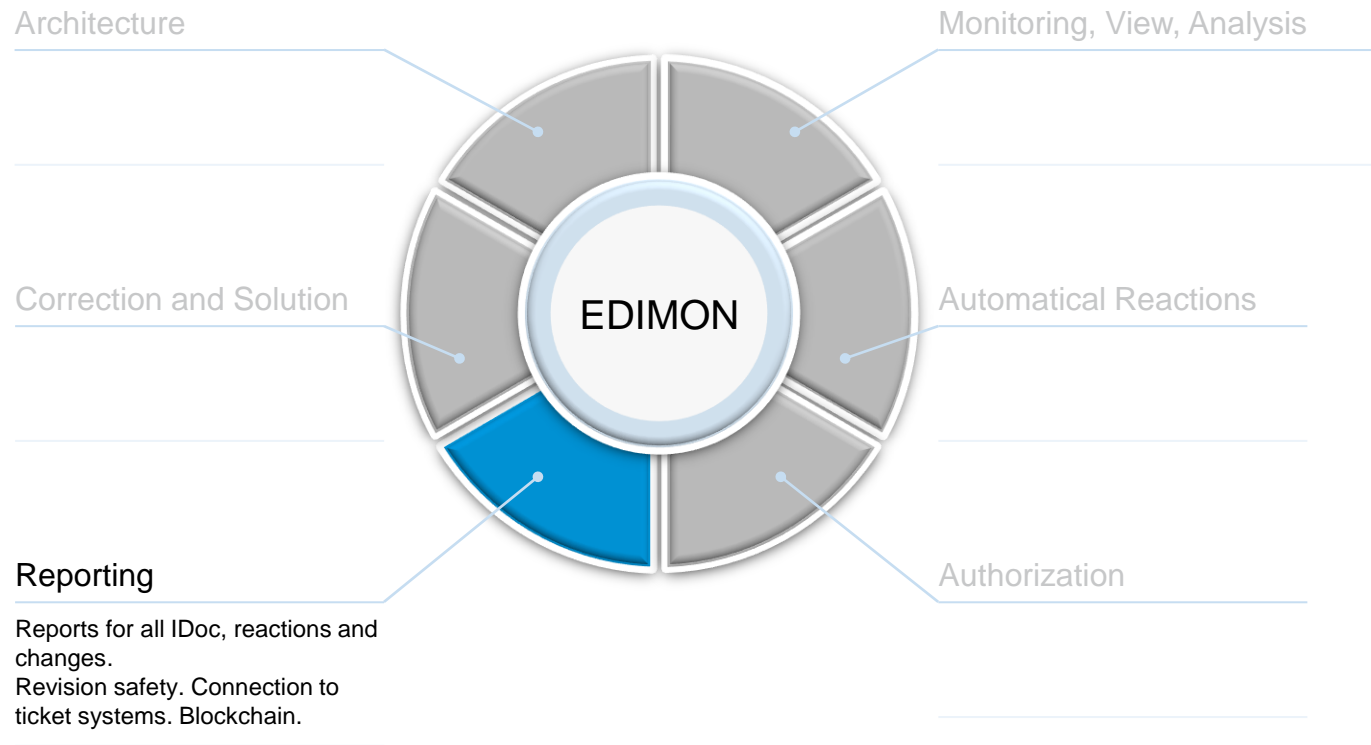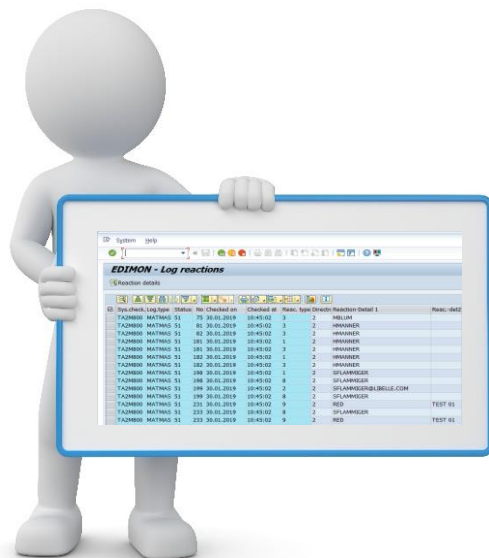
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Reporting

Reports for all IDoc, reactions and changes.
Connection to ticket systems. Status Cloud.

- Did my IDoc reach the partner- / receiver-system ?

- Did my partner post the IDoc into his system ?

EDIMON: IDoc Business Solution

- IDoc-Status of partner are visible at sender.

- IDoc-Status are stored in separate network.

- IDoc-Status are protected.

- IDoc-Status have a neutral exchange-point in cloud.
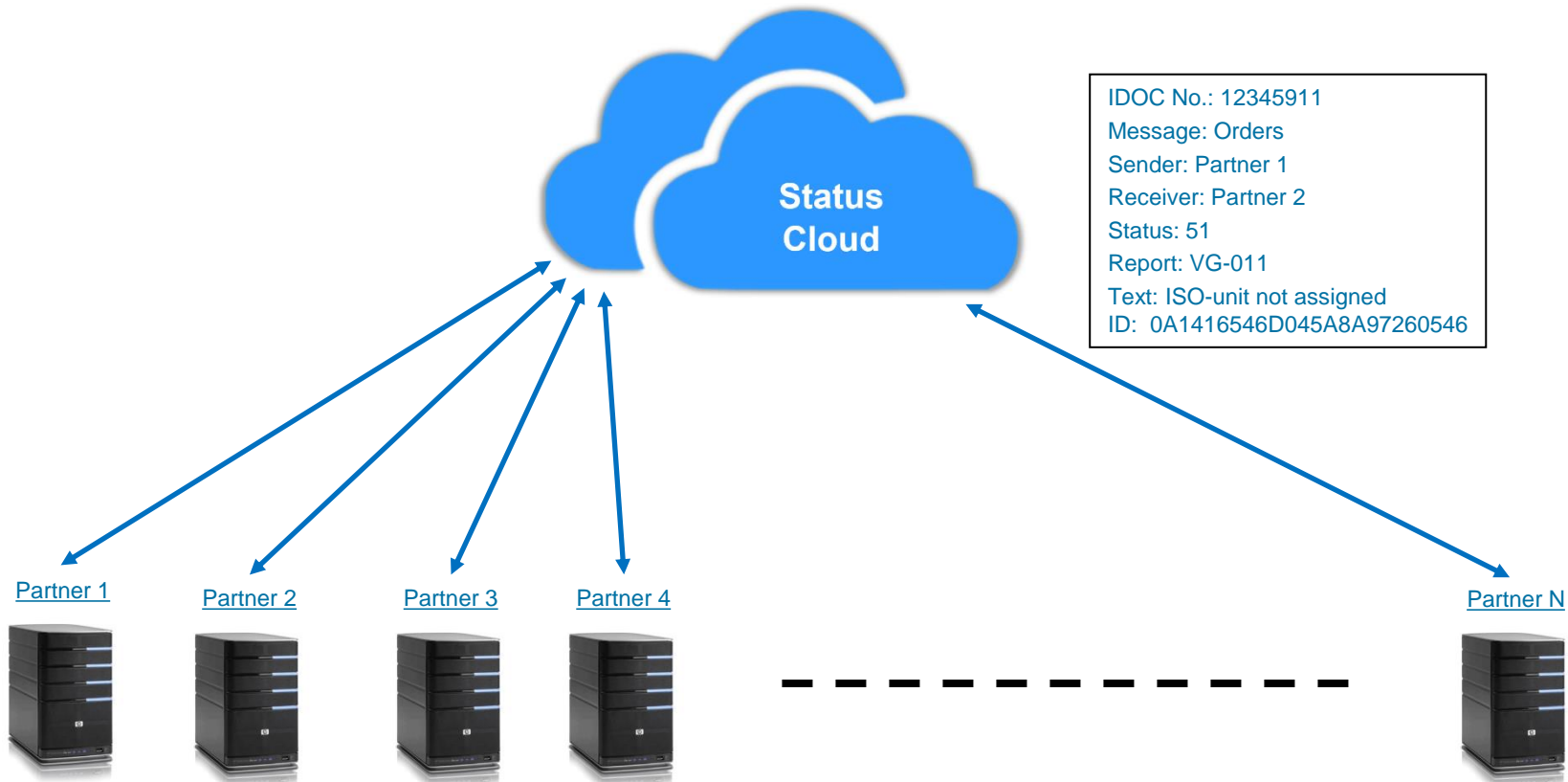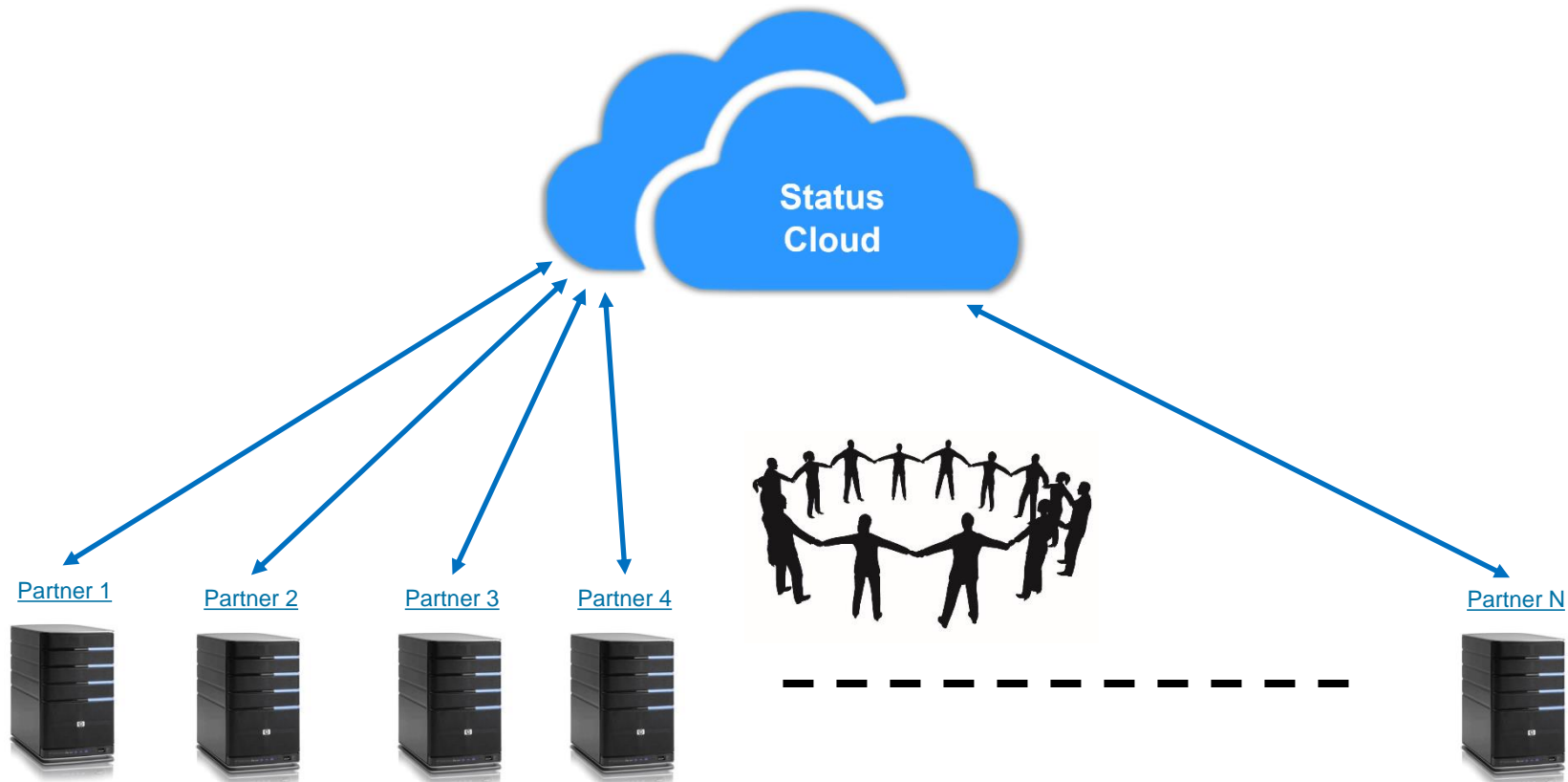
- IDoc-Status have a history.

Status Cloud

Status Interface

Status Interface

Partner 1
EDIMON
IDOC out

IDOC No.: 00004711
Message: Orders
Sender: Partner 1
Receiver: Partner 2
Status: 03
Report: EA-083
Text: IDOC was sent
ID:
0A1416546D045A8A97260546

IDoc Interface

IDOC No.: 12345911
Message: Orders
Sender: Partner 1
Receiver: Partner 2
Status: 51
Report: VG-011
Text: ISO-unit not assigned
ID:
0A1416546D045A8A97260546

Partner 2
EDIMON
IDOC in

EDIMON: Status Cloud - Transfer

Status Cloud

IDOC No.: 12345911
Message: Orders
Sender: Partner 1
Receiver: Partner 2
Status: 51
Report: VG-011
Text: ISO-unit not assigned
ID: 0A1416546D045A8A97260546

Partner 1

Partner 2

Partner 3

Partner 4

Partner N

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Status
Cloud

Partner 1

Partner 2

Partner 3

Partner 4

Partner N

Architecture

Monitoring, View, Analysis

Correction and Solution

Single- and mass correction of
IDoc contents or statuses.
Automatical correction.
Hints for solutions.

EDIMON

Automatical Reactions

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Authorization

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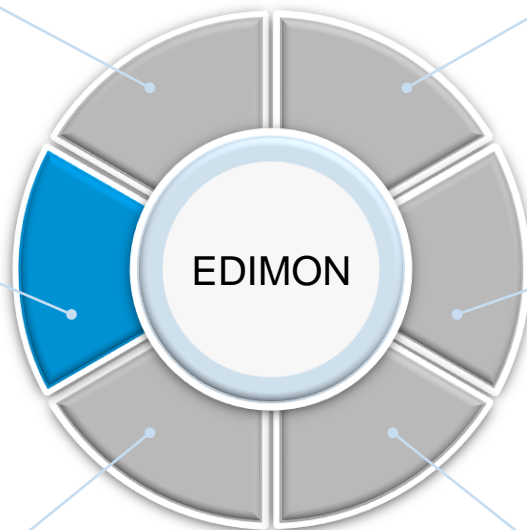
Correction and Solution

Single- and mass correction of IDoc contents and statuses. Automatical correction.
Hints for solutions.

EDIMON: Creating notes for solution

Note as a solution note.

EDIMON: Creating notes for solution

Possibility to create a note as a solution.

EDIMON: Summary

Architecture

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Correction and Solution

Single- or mass correction of IDoc contents and statuses.
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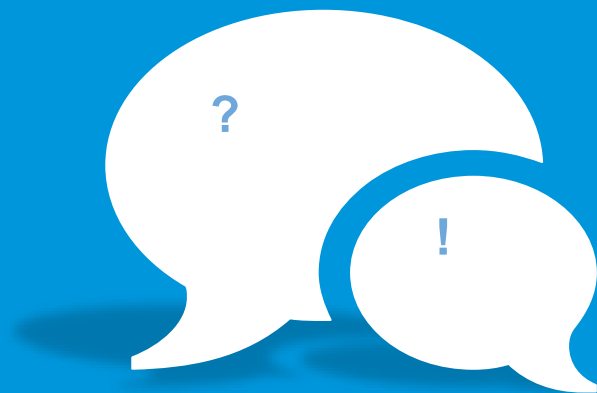
EDIMON
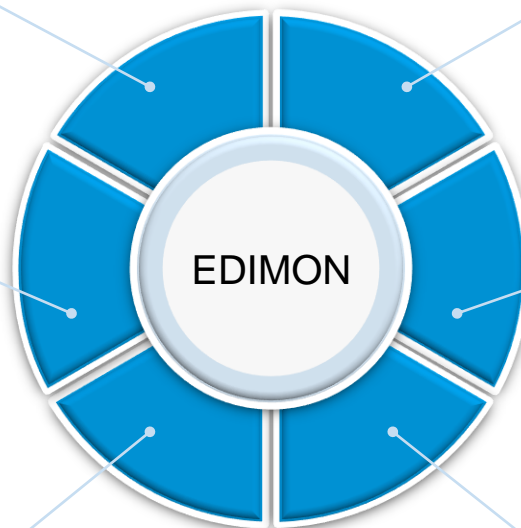
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Notifications via e-mail, SAP-Mail, C-Mail, program, functional module, notes.
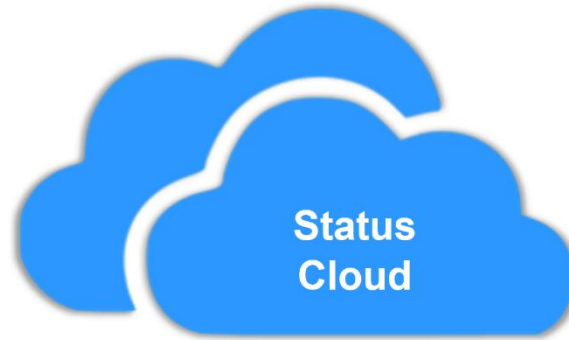Transfer to business. Worklist or form.

Authorization

Black list – white list.
SAP standard roles.
Functions per screen.

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sales@libelle.com
www.libelle.com/edimon

- SAP-System in cloud

- HANA database

- Tables per group

- RFC

- Function module

- Report

- Free selection

- Customizing on both sides (key)

Status Cloud

EDIMON: Status Cloud - Size

- Table records per day:
    8.000.000

- Table wide:
    1.000 digit

- Table size:
    2.000 bytes

- Size:
    8.000.000 x 2.000 x days

- After 2 weeks:
    224.000.000.000 bytes = 224 GB

Status Cloud