

MASTER DATA AUTOMATED TOOL

enabler for further digitalization at Statkraft

Kasia Cieszyńska

Head of Master Data at Statkraft

Lars Christian Kjøller

Senior Consultant at itelligence Nordic

Agenda

- Master Data digitalization
- Productivity and quality
- All in one
- Becoming one global team
- Master Data governance opportunities
- it.mds product
- Demos

Happy to be here today!



Kasia Cieszyńska

- Joined Statkraft in 2018
- Passionate about robust Master Data handled in a simplified and digital way



Lars Christian Kjøller

- Joined itelligence in 2016
- Driven by Master Data governance through simplistic practices

Master Data digitalization

YESTERDAY
Master data handled in different ways
Various templates and copy/paste execution
Unclear approval & control processes
Poor data quality
Uncontrolled lead-times
Unclear authorization profiles

TODAY ☺
Unified way for creation, change, extension, reopen/close
Standard tool with automated execution and notifications
Automatic workflows
Accurate data in the system, good internal control
Monitoring and reporting including SLA
Robust SAP authorization map

Master Data digitalization

- **Vendor** - live since Nov 2019
- **Customer** - roll out before summer 2020
- **Other MD objects** (e.g. materials) – being scoped

What's next?

counterparty self-completion solution & digital signature

ELIMINATION OF RETYPING DATA (typing error)

INCREASE OF PRODUCTIVITY (elimination of manual documentation collection)

SECURE AND DIGITALLY SIGNED INPUT (from the right source, fraud prevention)

DIGITALIZATION / MODERN WAY OF HANDLING BUSINESS PARTNERS (way to go)



Productivity and quality

Vendor E2E creation from 5 min → to 1.5 minute

During the project → proactive clean ups

- purchasing view loaded for 3500 vendors (using Winshuttle)
- review of not used vendor account groups (do not use, one time vendor)
- closing inactive vendors
- productive x-teams discussions about MD fields impact on various processes

During migration into the tool (using LSMW for it.mds) → several fields mass corrections

- Recon. Account
- Interest Indicator
- Payment method
- Payment terms
- Purchasing view: currency, incoterms, various flags, payment terms



All in one

- Business App with a focus on user **friendliness** – **easy, modern and intuitive**
- Available from **Business Workplace** (intranet)
- **Global workflow** with **Search** functionality
- **Automatic** e-mail notifications – no more manual e-mail typing to confirm master data
- **Duplicate** and other SAP checks integrated
- Embedded **business rules** - minimazing manual entries
- **Dun & Bradstreet API** integrated
- Reporting **dashboard** including **SLA** – easy monitoring



fre. 15.05.2020 13:27

Kasia Cieszyńska <kasia.cieszyńska@statkraft.com>

it.mds: Vendor 125438 Kane Partnership - PE0 / 100

To ○ Masterdata Accounting

You've got news! Vendor has been created/changed/deleted on the below location.

LocationID	LocationProfile	Created/Changed/Deleted
3090	- Statkraft UK Ltd. CC 3090 Purch. Org. 3000	Created

Note: if your request was deleted, please contact us for more information.

Kind Regards,
Master Data Team

Becoming one global team

- **it.mds** inbox is designed to meet our organization structure and responsibilities split
→ but if needed (e.g. back up reasons) it can become a joint inbox for several MD teams
- Today we can easily support German MD team and vice versa – it was impossible before

Continue

MDS Workflow Work Center

Inbox: Inbox (32)

Outbox: Workflows started by me (26) Workitems forwarded by me (0) Workitems executed by me (21)

Inbox - Inbox

View: KASIA

Refresh

Execute

Park

Delete

Details

Reserve

Replace

Log

Other Functions

	Objecttype	Object nr	Location ID	Loc. Prof.	Subtype	O. Ship	Object description	ID	Type	Creator	First name	Last name	Text	Task text	Creation Date
	CUSTOMER	0000010070	C_3023	C_3023_3000_30_20	C_SHIPTOPARTY		Ship-To Test	52915187	W				Object 10070 MDS BAPI failed Object type CUSTOMER		25.05.2020
	CUSTOMER	0000020465	C_3014	C_3014_3000_30_20	C_BILLTOPARTY	APPROVAL	Kasia test Bill To	52903633	W		Kasia	Cieszynska	Object 20465 MDS Request approval Object type CUSTOMER		19.05.2020
	VENDOR	0000085622	V_3040	V_3040_3000	V_EXTSUPPL	CF_APP_1	AB Oscar Hanson Värme	52903628	W		Kasia	Cieszynska	Object 85622 MDS Critical change Request approval Object type VENDOR		19.05.2020
	VENDOR	0000124590	V_3040	V_3040_3000	V_EXTSUPPL	MASTER	Kasia test reason code	52903626	W		Kasia	Cieszynska	Object 124590 MDS Request incomplete Object type VENDOR		19.05.2020
	VENDOR	0000064954	V_3000	V_3000_3000	V_EXTSUPPL	CF_APP_1	IT Partner Helgeland AS	52903624	W		Kasia	Cieszynska	Object 64954 MDS Critical change Request approval Object type VENDOR		19.05.2020
	VENDOR	0000115368	V_3801	V_3801_3000	V_EXTSUPPL	MASTER	Himalaya Construction Co P Ltd(DL)	52903622	W		Kasia	Cieszynska	Object 115368 MDS Request reprocess Object type VENDOR		19.05.2020
	VENDOR	0000054367	V_3000	V_3000_3000	V_EXTSUPPL	CF_APP_1	EXP HK-service AS	52903593	W		Kasia	Cieszynska	Object 54367 MDS Critical change Request approval Object type VENDOR		19.05.2020
	CUSTOMER	0000082900	C_3014	C_3014_3000_30_10	C_CUSTOMER_GENERAL	APPROVAL	TEST	52888138	W		Kasia	Cieszynska	Object 82900 MDS Request approval Object type CUSTOMER		13.05.2020
	CUSTOMER	0000082899	C_3600	C_3600_3000_30_10	C_CUSTOMER_GENERAL	MASTER	TR payment terms	52857461	W				Object 82899 MDS Request reprocess Object type CUSTOMER		05.05.2020
	VENDOR	0000117657	V_3802	V_3802_3000	V_EXTSUPPL	CF_APP_1	Aimil Limited (Delhi)	52846829	W				Object 117657 MDS Critical change Request approval Object type VENDOR		30.04.2020
	VENDOR	0000117657	V_3801	V_3801_3000	V_EXTSUPPL	CF_APP_1	Aimil Limited (Delhi)	52846824	W				Object 117657 MDS Critical change Request approval Object type VENDOR		30.04.2020
	CUSTOMER	0000400221	C_3000	C_3000_3000_30_10	C_SELFBILLING	APPROVAL	SEBI-Testing	52846771	W				Object 400221 MDS Request approval Object type CUSTOMER		30.04.2020
	VENDOR	0000124395	V_3800	V_3800_3000	V_EXTSUPPL	CF_APP_1	Power Research & Development Consultants	52846710	W				Object 124395 MDS Critical change Request approval Object type VENDOR		30.04.2020
	VENDOR	0000012966	V_3037	V_3037_3000	V_EXTSUPPL	MASTER	AKAN	52827146	W				Object 12966 MDS Request incomplete Object type VENDOR		29.04.2020
	VENDOR	0000115860	V_3740	V_3740_3000	V_EXTSUPPL	CF_APP_1	Test	52827026	W				Object 115860 MDS Critical change Request approval Object type VENDOR		29.04.2020

Governance opportunities

- Access control
- Ownerships (workflows) down to the field level
- Rules – different types: default, fixed, value dependent
- You can build your Data Dictionary on a field level
 - field usage
 - mandatory or optional
 - country specific



it.mds | Figures & Facts



Master data Management for SAP ERP

Typical customer



Industry:

Discrete man., Process
Industry, Pharma, Wholesales

Target Group:

5+ plants
International and regional
based

LOB:

All – Material, Purchasing
infor record,
Customer/Vendor,
Business Partner,
BOM, Routing, etc.

In the market since



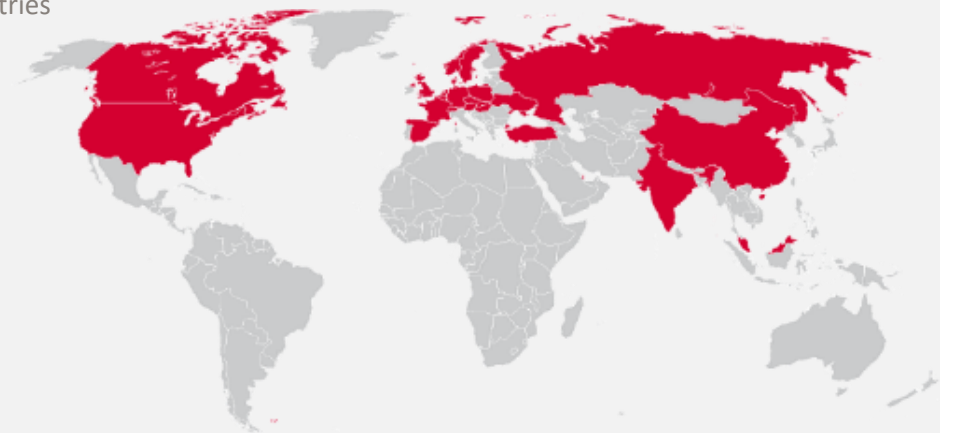
2007

Customers

Total: >120+

Sold in 13 Countries

- Germany
- Denmark
- USA
- Norway
- Switzerland
- UK
- Spain
- France
- Netherlands
- Japan
- Poland
- Turkey
- Malaysia



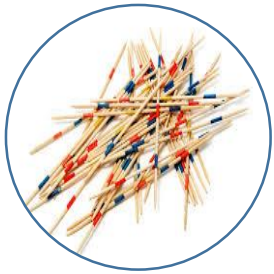
Some it.mds customers...



it.mds - principal

Simplification:

The content definition and structure of the master data leads to simplified maintenance



Automation:

Business Rules definition is the key to automation and speed



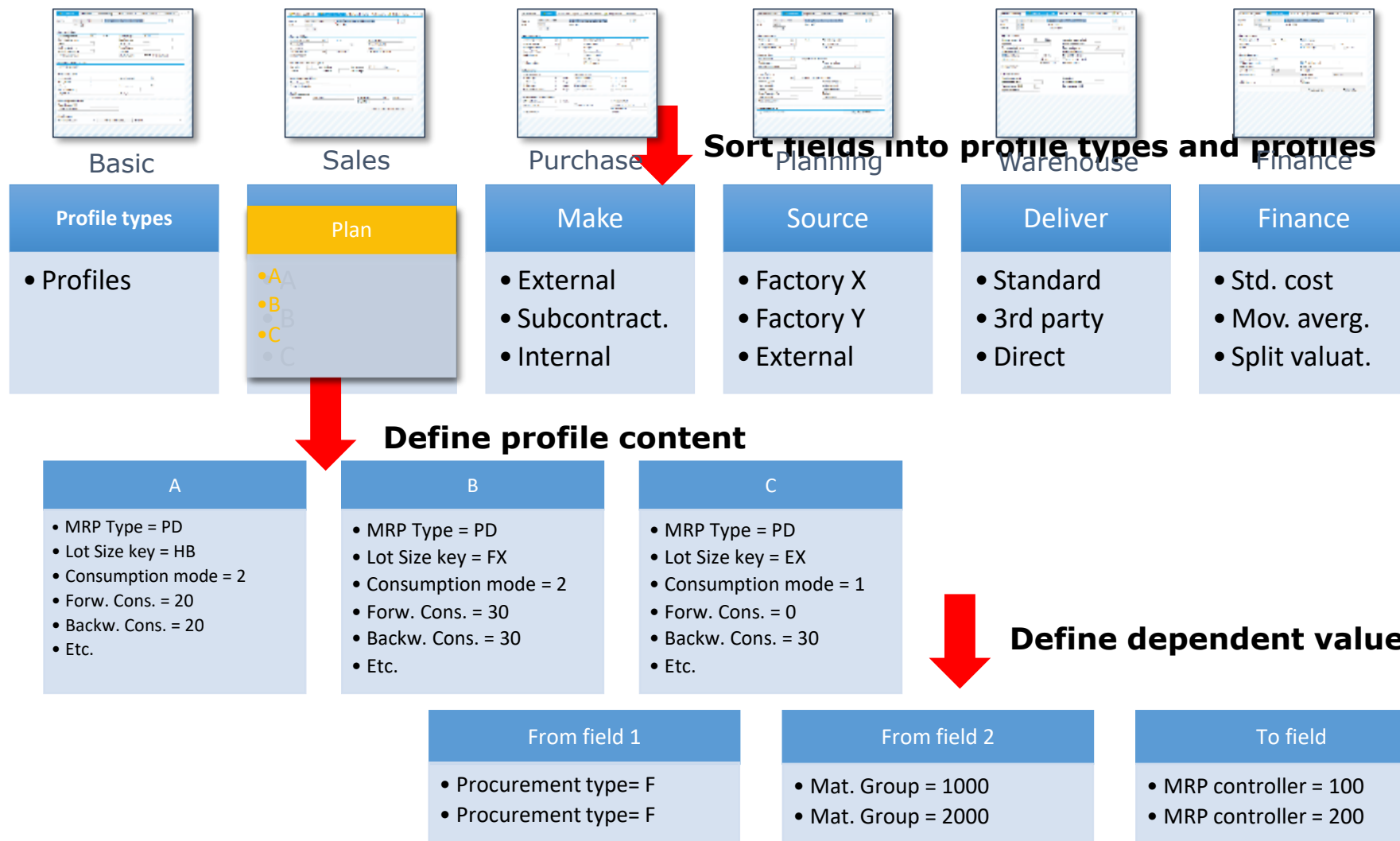
Governance:

Definition of clear responsibilities and process control for the creation and change processes

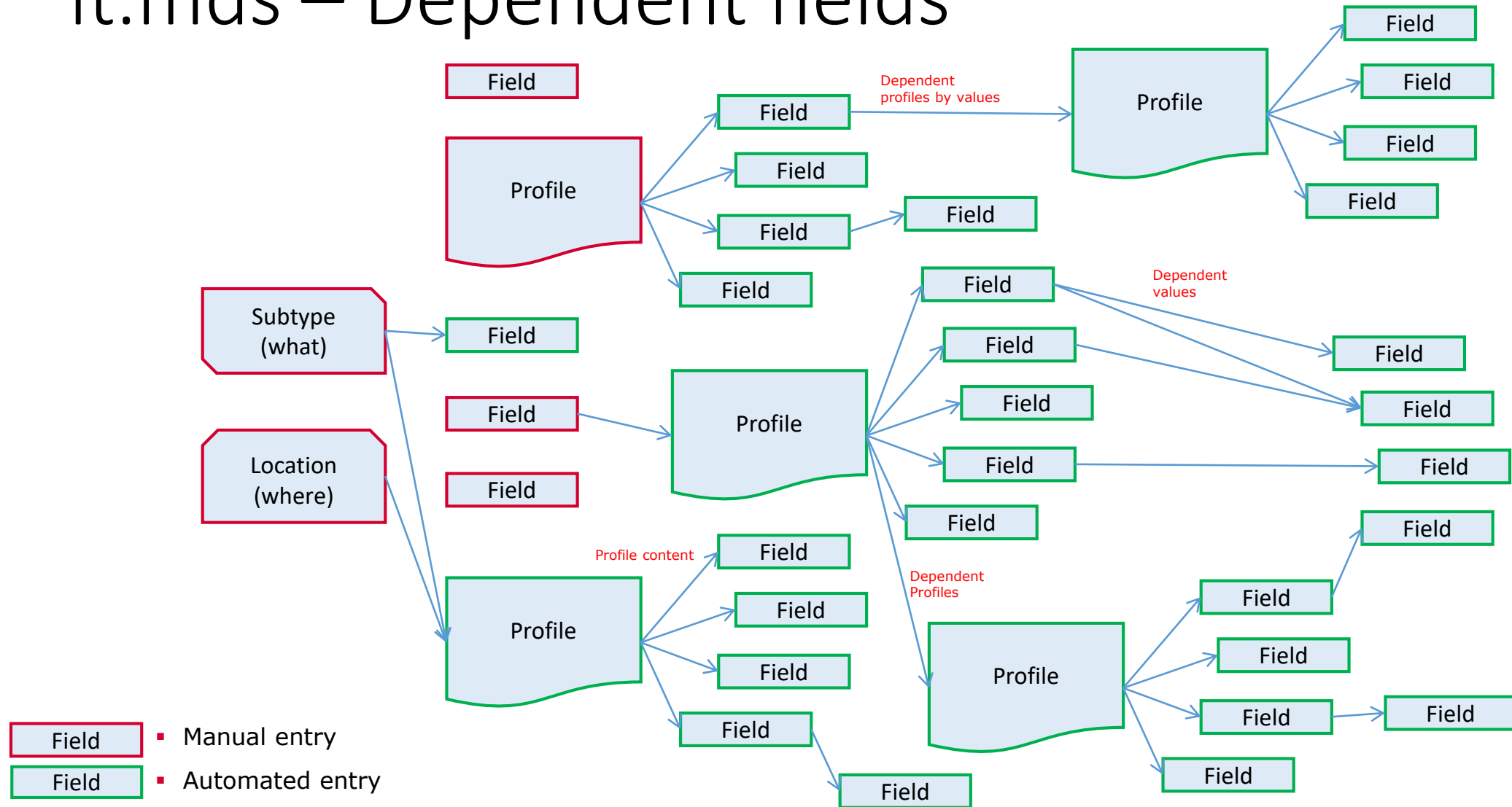


it.mds – Profiles and rules

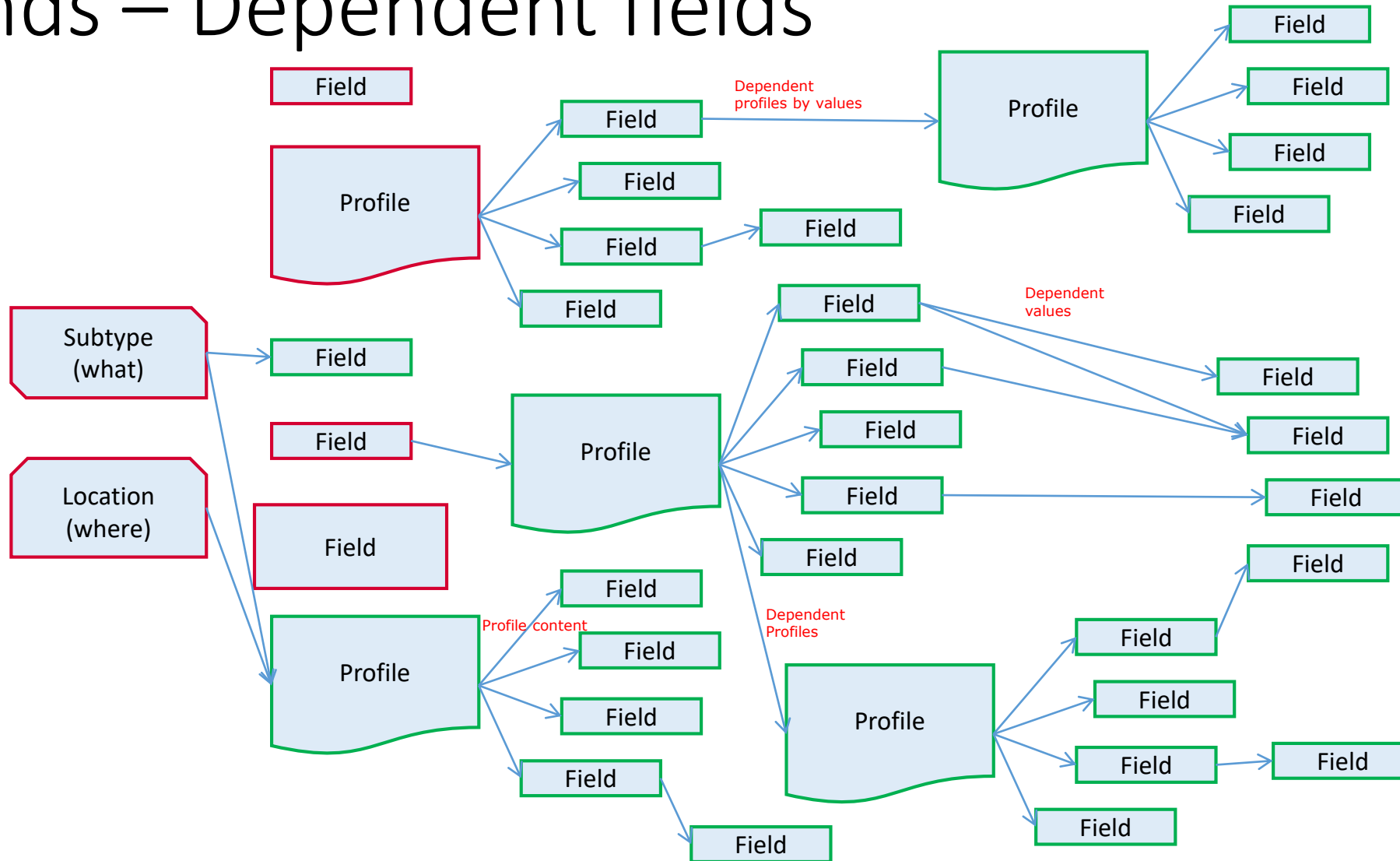
All fields used by the company



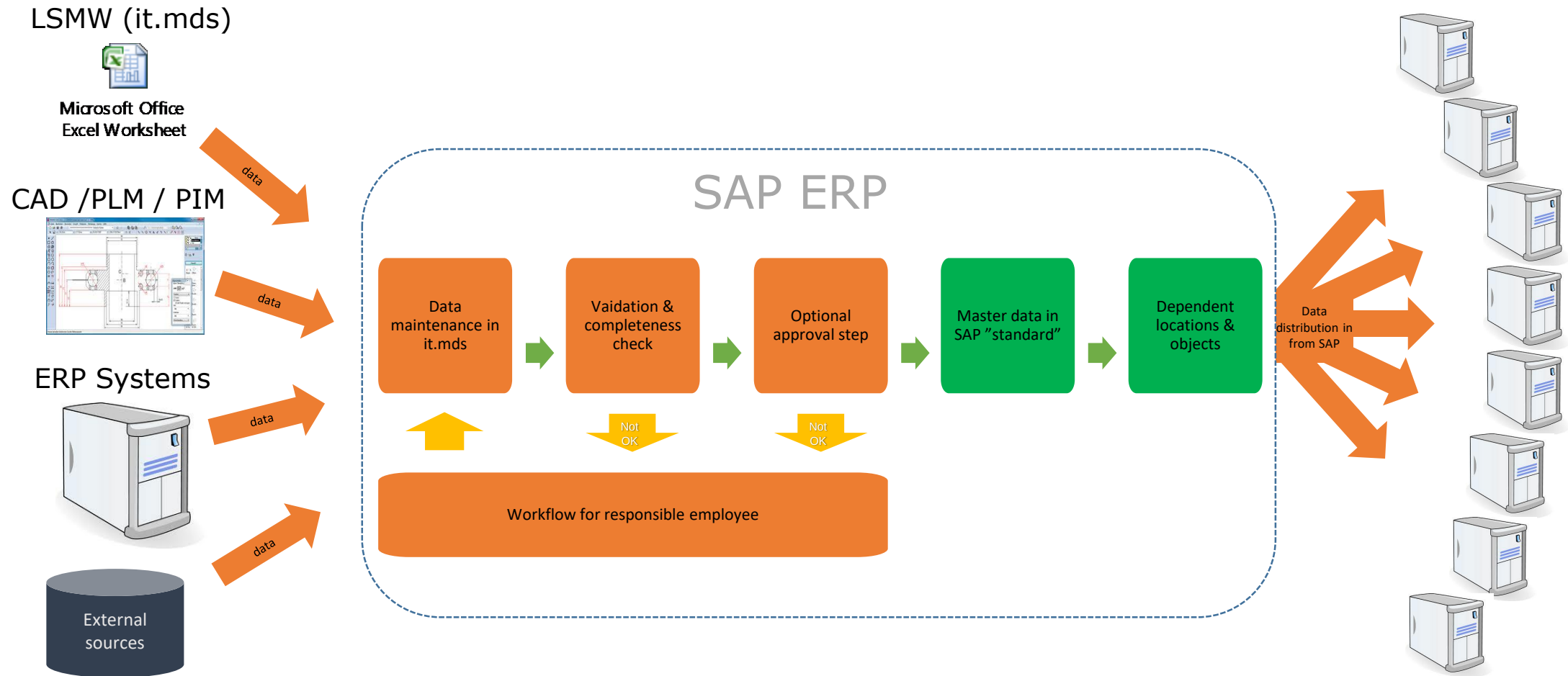
it.mds – Dependent fields



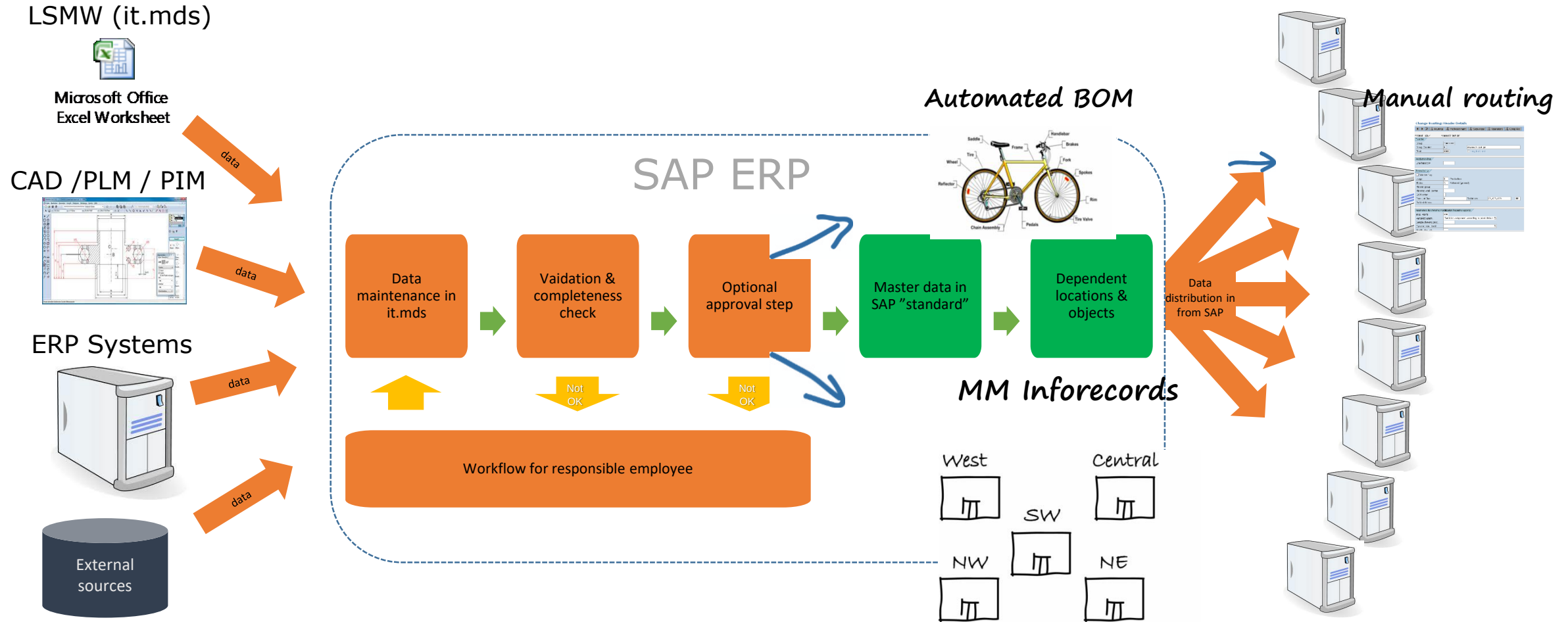
it.mds – Dependent fields



Process for master data management

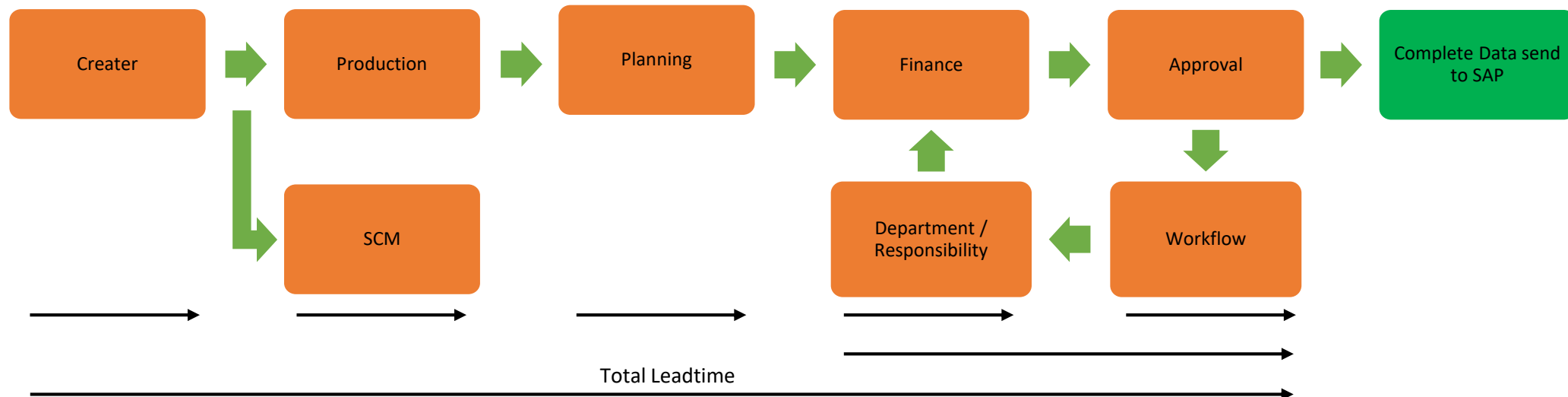


Governance - Process for master data management



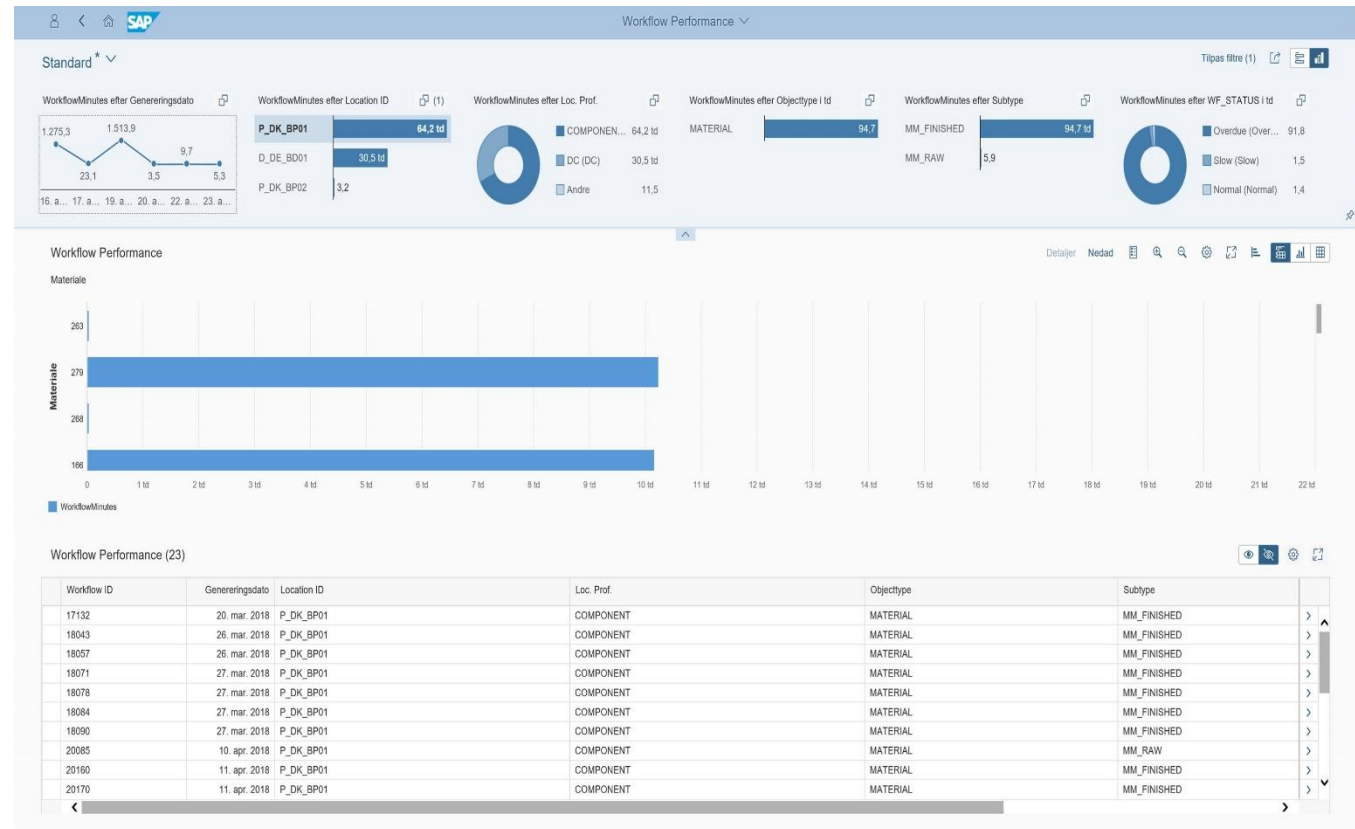
Process Execution: incompleteness workflow

- Before a material is considered complete we don't send it to sap
- Based on Product Lifecycle, the incompleteness can be defined
- Push approach



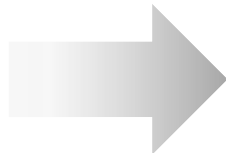
Governance KPI

- It.mds can activate a module to collect workflow related data
- Data can be anonymized
- Can be used in different BA tools
- Data model allows broad spectrum of possible KPI's
 - How many objects have been create
 - How often was an object changed during a given time period
 - How long did it take to “complete” an object (Min/Max/Avg)
 - How long was an object “stuck” at a given department (Min/Max/Avg)



it.mds – S4 Hana conversion

- With it.mds - S4 conversion preparation, we have a concept for conversing Vendor/Customer into business partners.
- The idea is to improve Master Data quality in SAP ECC, in order for the conversion to S/4 Hana using the SAP tools to run even more smoothly.
- Use it.mds to prepare for the S4 data conversion
 - it.mds provides the capability of applying S4 specifics to the SAP ECC environment even before conversion.
 - Simulating of data conversion to S4 in it.mds. It will identify data that should be cleansed.
 - it.mds will help the cleansing process according to business logic in S4, even before conversion.
- After Go Live it.mds will ensure a solid governance process and automated data maintenance which will lead to a continued high quality of master data.



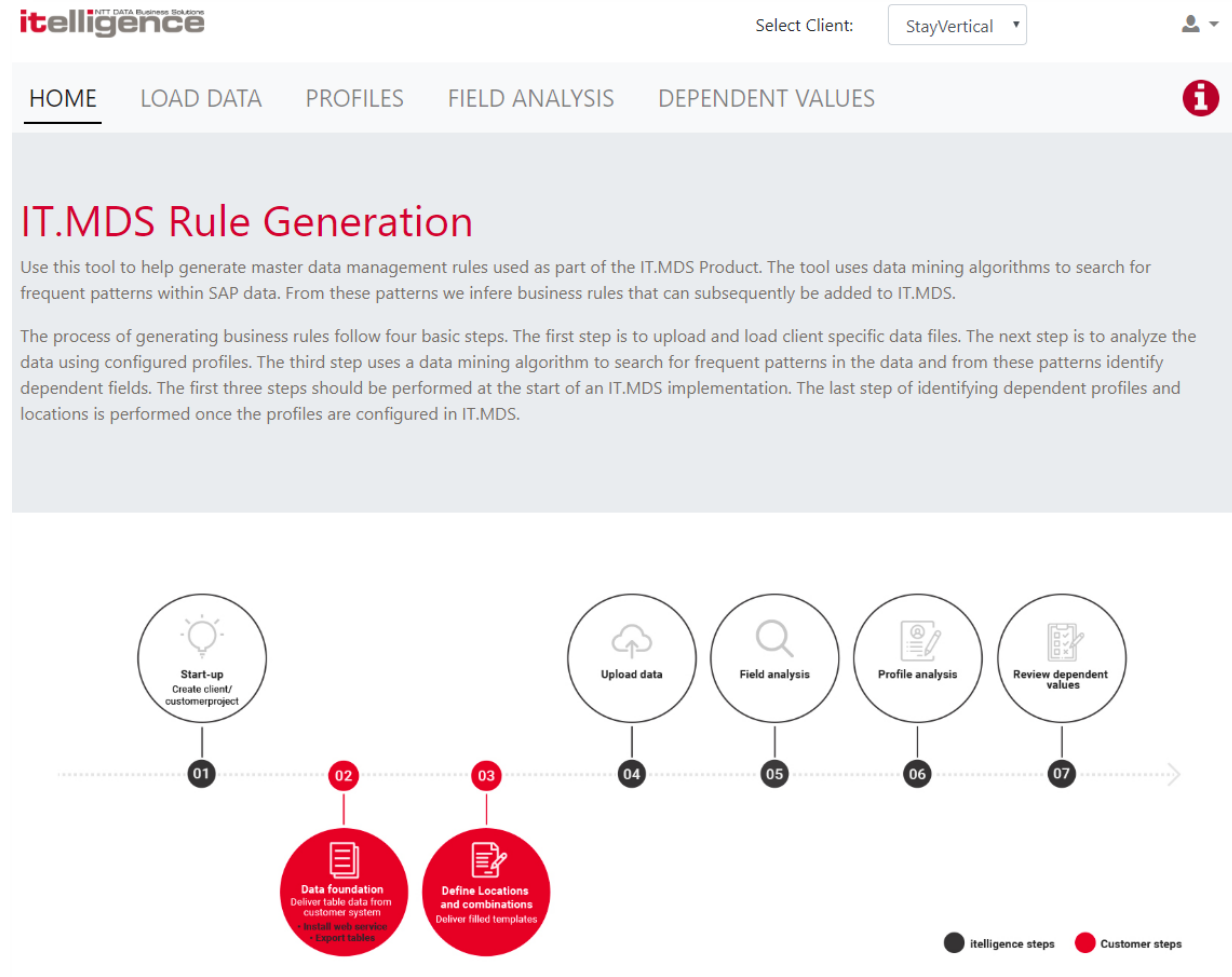
S/4 Hana

it.mds - Analytics & AI supported rule analysis & generation



Implementation support

- Based on existing master data
- Embedded analytics platform
- AI supported Rule proposals
- Guided procedures
- Documentation library



it.mds - Analytics & AI supported rule analysis & generation

Why:

- Support **implementation projects** to ensure rapid implementation
- Ensure easy and **understandable overview** of existing master data
- Generate **fewest possible rules** while **maximizing automation**

How:

- Embedded Analytics & AI
- Use **guided procedures** to assist best practise rule setup
- **Readable & process linked** rule proposals
- Adherence to **it.mds rule framework**

Profiles

Find frequent patterns in SAP data by analyzing a number of known profiles. Each profile represent a combination of fields that are likely to be associated. Use the application below to search for patterns in the profiles by interacting with the data. Browse through all profiles.

If you want to add more fields to the profiles and investigate these patterns navigate to the this application.

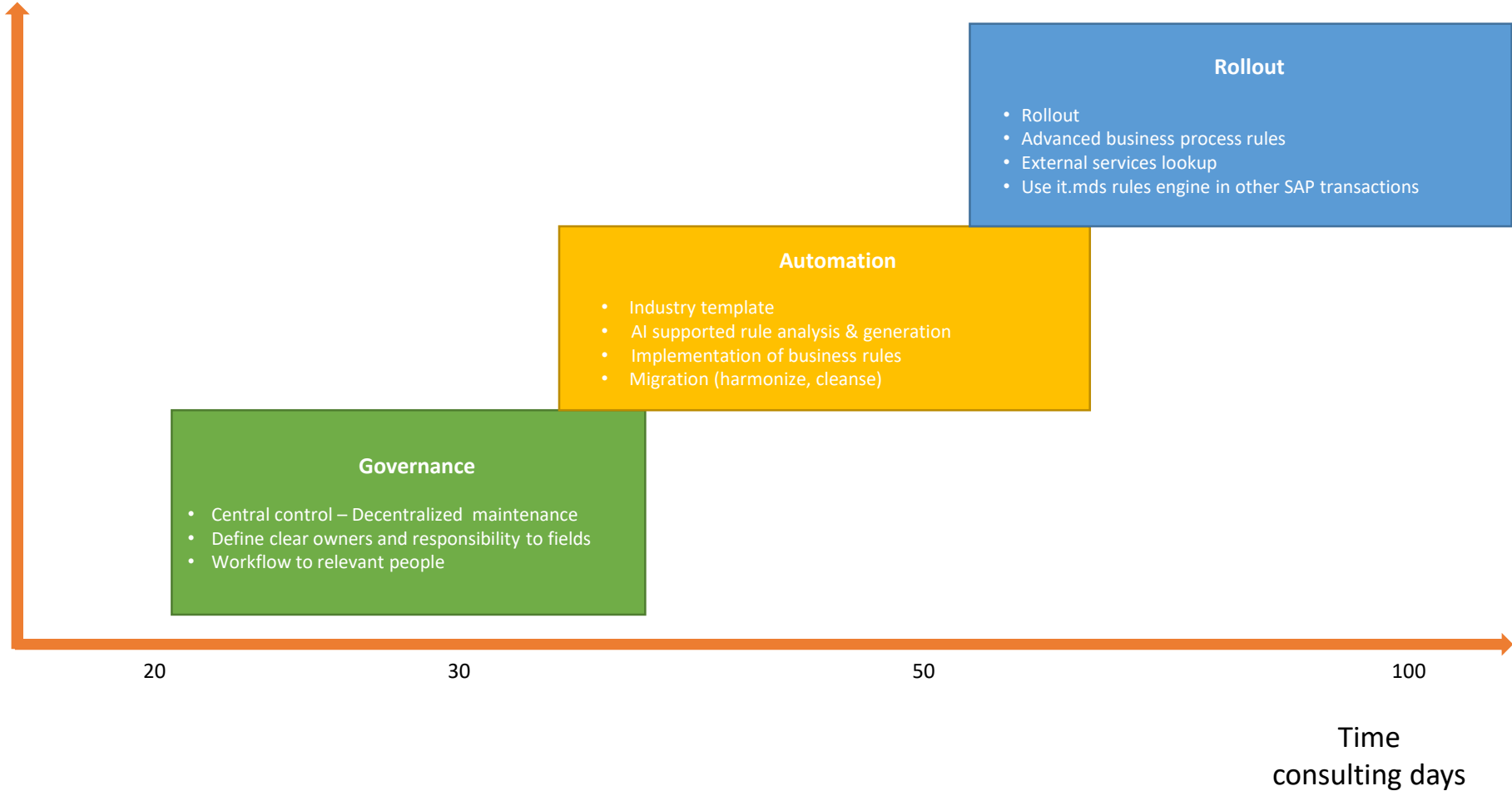
[Profile Analysis](#)

MTART	WERKS	EKWSL	BESKZ	DISLS	DISMM	FHORI	SOBSL	# Line Count	# Mat Nr	Total Frequency	Relative Frequency
Totals								1124	26255	100,00%	100,00%
ZDAN	A100	X20	F	-	ND	-	-	1	13	0,01%	59,09%
ZDAN	A100	X40	F	-	ND	-	-	1	8	0,01%	36,36%
ZDAN	A100	X10	F	-	ND	-	-	1	1	0,00%	4,55%
ZDAN	A101	X20	F	PK	X0	Z00	AQ	1	3591	3,17%	31,06%
ZDAN	A101	X20	F	EX	Y0	Z00	-	1	2578	2,27%	22,30%
ZDAN	A101	X10	F	ZK	X0	Z00	AP	1	1106	0,98%	9,57%
ZDAN	A101	X10	F	Z5	X0	Z00	A3	1	943	0,83%	8,16%
ZDAN	A101	X10	F	Z5	X0	Z00	A4	1	877	0,77%	7,59%
ZDAN	A101	X10	F	ZK	X0	Z00	-	1	395	0,35%	3,42%
ZDAN	A101	X10	F	ZK	X0	Z00	AR	1	309	0,27%	2,67%
ZDAN	A101	X10	F	ZK	X0	Z00	AS	1	256	0,23%	2,21%
ZDAN	A101	X10	F	PK	X0	Z00	A7	1	255	0,22%	2,21%

EKWSL - Distribution 40,0% **BESKZ - Distribution** 60,0% **SOBSL - Distribution** 90,0% **Material Details** MATNR Material description

it.mds project phases

Benefit
& ambition



DEMO

Let's see the front-end application

(*Neptune*)



Movie about Vendor App 2019.mp4

Invoice approvals  Mobile app	Substitute/Deputy 	Search for invoices 	Chart of accounts 	Cost centers 	Invoicing Request (All) 	Electronic Accounting Document (EAD) 	Authorization tree 	Line and project authorisations 	Link to authority matrix 
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BlackLine



Master Data Center



Procurement

Create shopping cart Purchase Requisition 	Search for requisitions and orders 	Purchase Order Approvals  Mobile app	Goods and Service Receipt Confirmation of receipt  Mobile app	User Settings Shopping portal 	User Manuals  Procurement
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Emendo

Emendo overview 	Register positive observation 	Register management engagement 	Search and display case 	Analysis and KPI reports 	Help 	HSSE scorecard registration Non-SAP unit and pr... 	Register risk observation Workflow to manager 	Register incident Workflow to manager 	Register improvement... Workflow to manager 
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Let's see the back-end SAP

(*it.mds*)

Thank you

Kasia & Lars