

Apparo Fast Edit

Standard program for company-wide data collection

Qlik Sense



„Business Intelligence is the nervous system of the company “

... but shouldn't that work in both directions?



Apparo Fast Edit:

Report Annotation

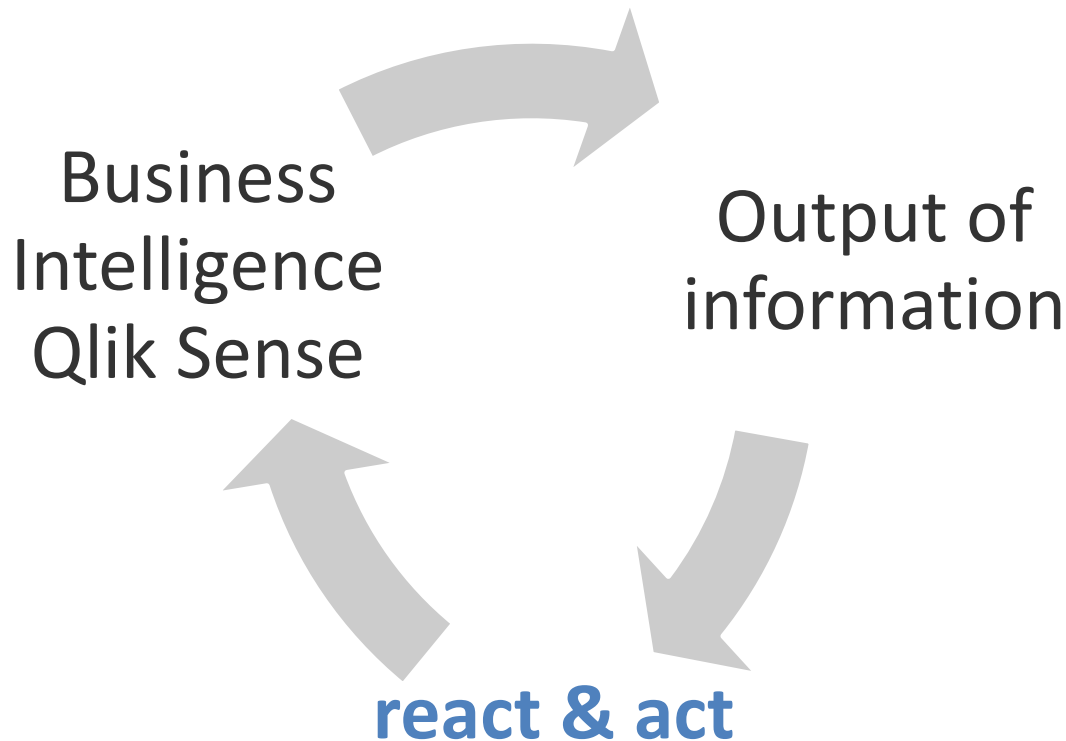
Make decisions & react

Data entry-Workflows

Distributed master data management

Integration of the „Excel world“

Standardize web applications



Data input, annotations, workflow,
Excel data import,
file attachments, sending eMails

1. Precondition:

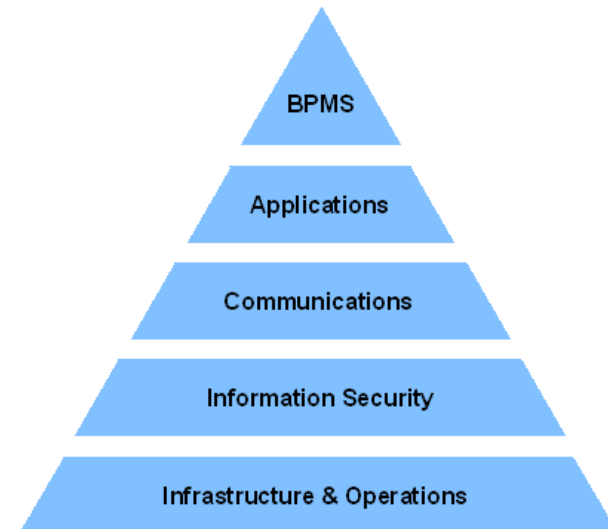
Combining the strenghts of Excel and IT-Systems:

Flexibility



&

Structure

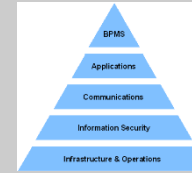


Advantages



- **Intuitive use**
- **Flexibility**
- **Available at every work place**
- **The universal tool**

Advantages

**Clear structures:**

- **One valid data status version**
- **One valid data source**
- **Security**
- **Data quality checks**
- **Clearly defined workflows**

Goal: Combining the advantages of both worlds

2. Precondition:

All data inputs must be available for further processing outside of the Business Intelligence system too.

Apparo Fast Edit is storing all data changes into a freely definable relational database table.

3. Precondition:

**Users can enter data only
when they are allowed to.**

**Apparo Fast Edit is using the
Qlik Sense security system**

4. Precondition:

The IT system must be **flexible** and quickly **adaptable**.

Technical requirements are constantly changing.

With Apparo Fast Edit is

- **no programming required**
- **no intensive training necessary**
- **no development know-how required**

... comparable with app creation via Qlik Sense.

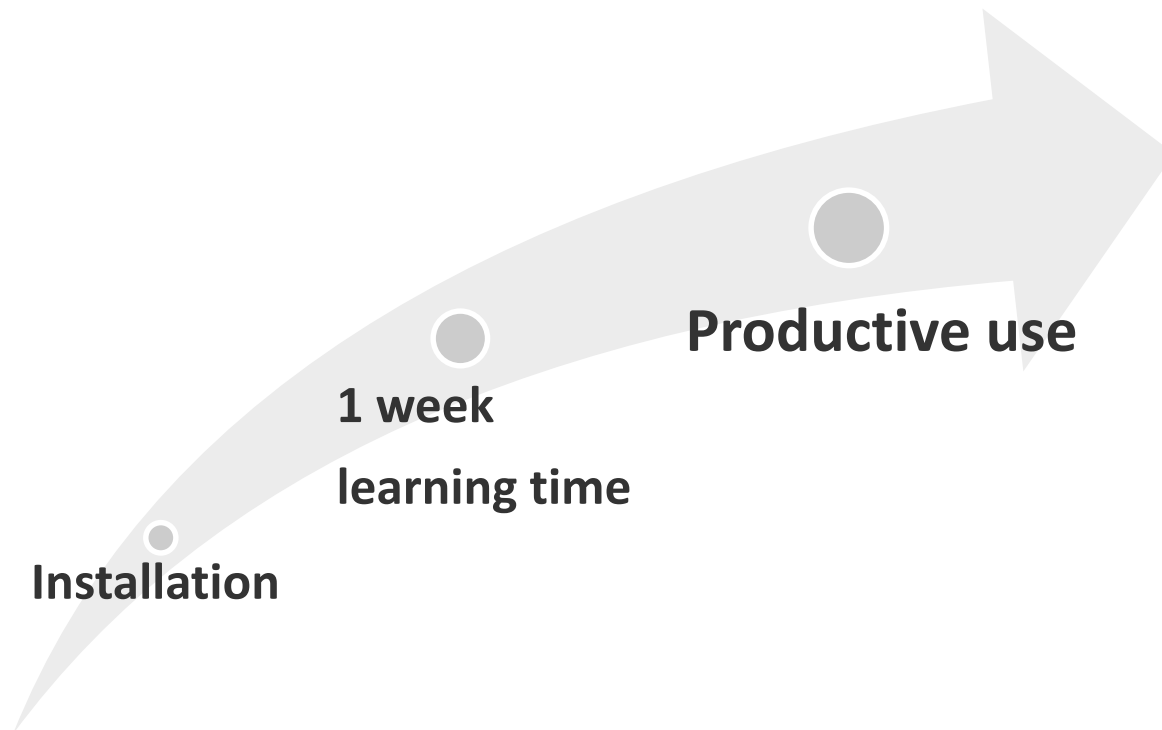
5. Precondition:

All data changes can be logged optional.

**Apparo Fast Edit optionally logs all data changes –
who, what, when and how.**

6. Precondition:

Low familiarization time - steep learning curve



7. Precondition:

Larger office environments must be supported.

- **Client management with own design and security**
- **Security for different roles:
administration, DB access, design, deployment, use**
- **Multilingual interface**
- **Corporate Identity design templates**

PRODUCT_LINE... Jackets

Tables with many filters



Product Line

- Jackets ✓
- Bags
- Bikinis
- Caps
- Pol
- T-Shirts
- Trousers
- Underwear

Product colour

- green
- white
- yellow
- black
- blue

Product list

Product list with links to product details and price history.

Colour

UPDATE

<input type="checkbox"/> Details	Product line	Product name english *	Product ID	Product colour	Product size	Product manufacturer	Price valid from	Current price	File name
<input type="checkbox"/> > Details	Jackets	Gilbert	150	green	M	Hugo Boss	11.13.2009	> US\$ 99	ApparoFastEdit_Licenses.pdf
<input type="checkbox"/> > Details	Jackets	Luxor	160	yellow	L	Hugo Boss	05.10.2009	> US\$ 2	ApparoFastEdit_Clients.pdf
<input type="checkbox"/> > Details	Jackets	Madox	170	white	M	Escada	01.15.2009	> US\$ 50	
<input type="checkbox"/> > Details	Jackets	Wrangler	450	white	M	Holister	08.10.2016	> US\$ 55	
<input type="checkbox"/> > Details	Jackets	Alon	400	green	XL	ABC2	06.04.2012	> US\$ 10	
<input type="checkbox"/> > Details	Jackets	Gilbert	410	yellow	XL	Hugo Boss	11.13.2009	> US\$ 6	
<input type="checkbox"/> > Details	Jackets	Luxor	420	yellow	L	Hugo Boss	05.10.2009	> US\$ 6	
<input type="checkbox"/> > Details	Jackets	Madox	430	white	M	Escada	01.15.2009	> US\$ 12	

Apparo Fast Edit Administrator Demo

Add a comment and decision for Kaisers

Example for making a comment + sending email

Comment

this is my comment:

- topic1
- topic 2

Of course colours are possible too.

Decision example flag

Decision colour blue

INSERT COMMENT CANCEL CLOSE SEND VIA EMAIL

MANUFACTURE...
 Gondola


sending emails



Procurement Demo

Send reminder email for selected rows

<input type="checkbox"/>	Order no	Order date	Order serial no	Material no	Order quantity	Consumption date	Creator	Approver	Status
<input type="checkbox"/>	444401	16.05.2017	1	112233	30.00	30.05.2017	norman	Kaufman	Open
<input type="checkbox"/>	444401	16.05.2017	2	112234	20.00	15.06.2017	norman	Kaufman	Approved
<input type="checkbox"/>	444402	16.05.2017	1	212233	10.00	16.06.2017	Storm	Kaufman	Rejected
<input type="checkbox"/>	444403	16.05.2017	1	312233	10.00	20.06.2017	Green	Kaufman	Open
<input type="checkbox"/>	444404	16.05.2017	1	412233	10.00	30.07.2017	Stubb	Kaufman	Approved
<input type="checkbox"/>	444405	16.05.2017	1	472232	1.00	30.05.2017	norman	Kaufman	Rejected
<input type="checkbox"/>	444406	16.05.2017	1	552232	12.00	15.06.2017	booz	Kaufman	Cancelled
<input type="checkbox"/>	444408	16.05.2017	1	632232	50.00	16.06.2017	Storm	Kaufman	Open
<input type="checkbox"/>	444408	16.05.2017	2	712232	60.00	20.06.2017	Storm	Kaufman	Approved
<input type="checkbox"/>	444408	16.05.2017	3	792232	99.00	30.07.2017	Storm	Kaufman	Approved

Page: 1 / 1



OK

SEND REMINDER FOR ALL SELECTED ROWS

Standard program for company-wide data entry



- **Entry and maintenance** of master data, plan data, HR, metrics, ...
- **Multi-level data entry workflows**
- **Report comments** with further processing
- **Smaller web applications** (polls, surveys, questionings, registrations)

Combining data output and data input

- Flexible data input and comments in reports and dashboards



Reacting instead of just consuming

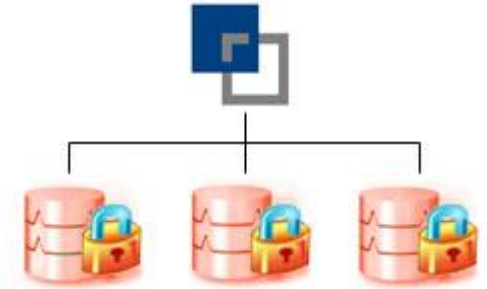
- Directly make decisions and set prioritizations
- Define plan objectives and inquire measures

Cut costs when building applications

- Standard environment for data-driven web applications
- Respond faster to business requirements, due more simple technical realization
- Realize business changes more quickly

Clients with own security & corporate design

- Each client is an own, separated environment with own design and security
- Suitable for separated departments



Quality-assured data entry



- All entries are checked for correctness and in case of errors the business user gets immediate feedback
- Valid values are calculated with variables => flexibility
(Use of SQL and JavaScript)

Auditable data entry



- Full Overview, Who changed What, When and How
- History of all data changes without programming

Detailed control based on security groups



Detailed management of

- Access
- Data Output & Input
- Functionality on / off etc.

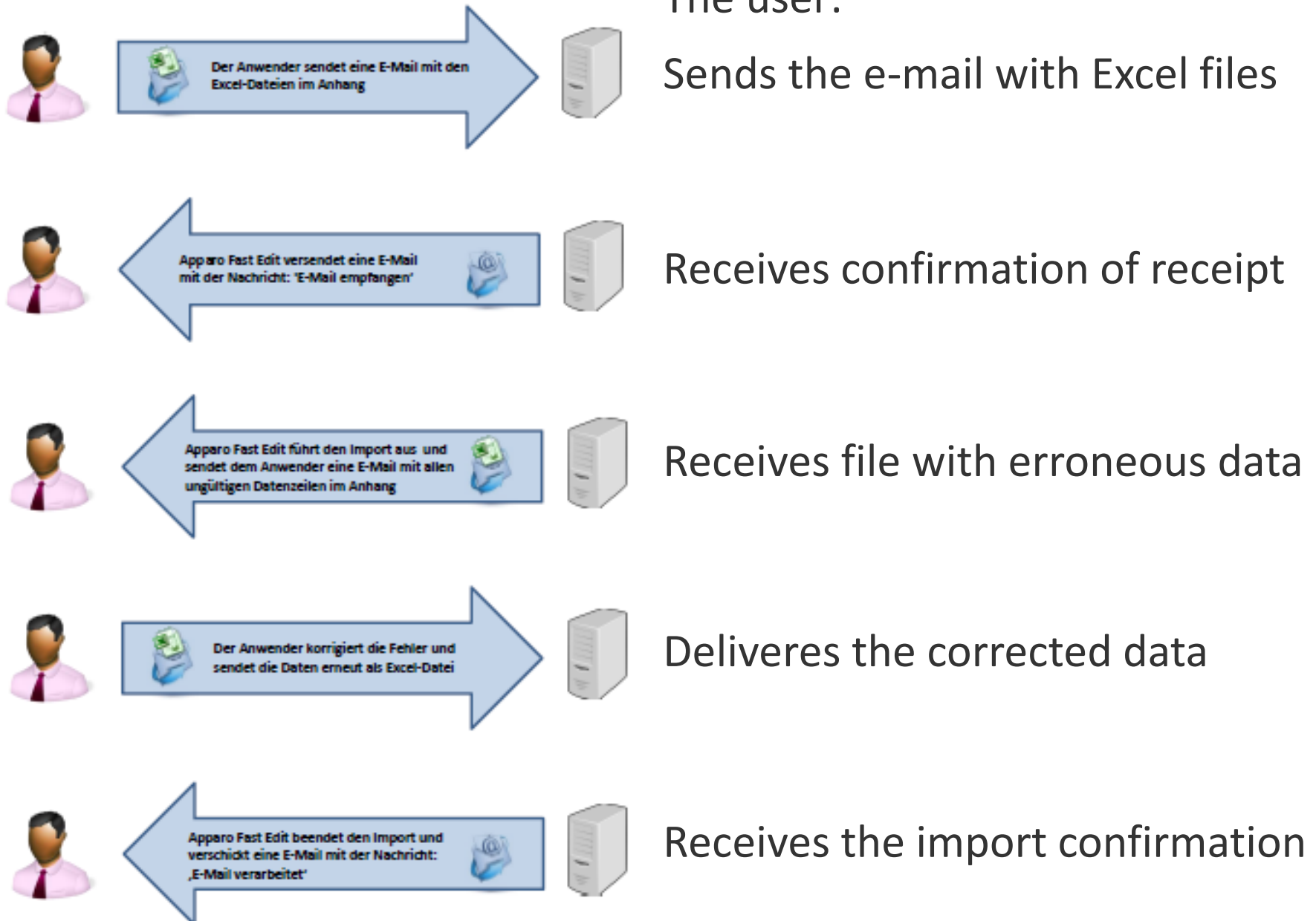
... depending on the user group

Import of Excel data



- Via copy & paste directly from Excel – without Excel plugin etc.
- File import
- Import via e-mail

... incl. security, incl. data checks, incl. auditing etc.



Excel export

- As File (all Excel formats)
- Opened directly in Excel

Depending on the user group:
different output, different Excel formats

In the Designer



- Switchable help texts for each function and setting
- Optional automatic creation of tables and columns
- Clear structuring of functions

...reduce learning effort

Better overview - only required functions are displayed:

Apparo Fast Edit Business Case Designer - SAM

- Main settings
- Standard buttons
- Filter data output
- Variables
- Inserting of new data rows
- Editing of data rows
- Delete data rows manually
- Bulk data update
- Excel import
- Excel export

Filtering widgets

<input type="checkbox"/>	Row	Column	Column name	Widg
<input type="checkbox"/>	1	1	> PRODUCT_LINE_ID	> Lc
<input type="checkbox"/>	1	2	> PRODUCT_COLOUR	> Si

Bulk update widgets

<input type="checkbox"/>	Column	Column name	Widget type
<input type="checkbox"/>	1	> PRODUCT_COLOUR	> Simple dropdc

Editing widgets

<input type="checkbox"/>	Column	Column name	Widget type
<input type="checkbox"/>	1		> Business Case
<input type="checkbox"/>	2	> PRODUCT_LINE_ID	> Lookup dropd
<input type="checkbox"/>	3	> PRODUCT_NAME_EN	> Input field
<input type="checkbox"/>	4	> PRODUCT_ID	> Input field
<input type="checkbox"/>	5	> PRODUCT_COLOUR	> Simple dropdc
<input type="checkbox"/>	6	> PRODUCT_SIZE	> Simple dropdc

**Unnecessary complexity disappears,
program maintenance is simpler and faster**

From the user's view



- Default values, help texts, an understandable web interface
- No installation required (web browser based)
- Uniform design, fully integrated into Qlik Sense

.... no training necessary

Other Features

- Send e-mails
- Attach files
- Call external scripts, functions, and programs
- JavaScript for application logic
- Variables for flexibility, calculations with SQL



<http://demo.apparo.services>

Live Qlik Demo on request



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