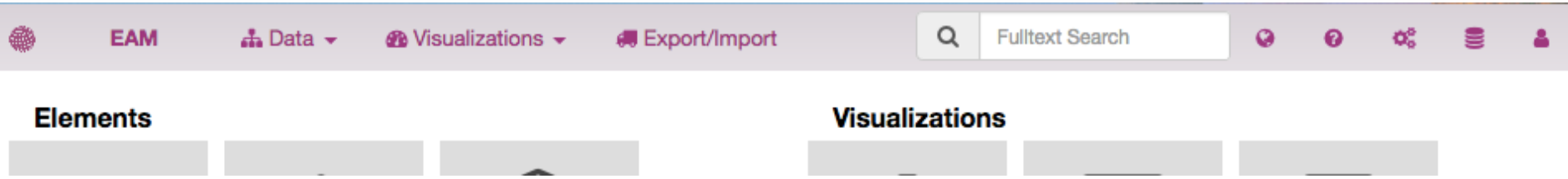# Getting started guide for smart360°

Guide for using smart360° and Enterprise Architecture for your benefits.

Agenda

- Overview

- General features of smart360

- Filter and edit data in smart360

- Analyze data and create reports out of smart360

Startscreen smart360 – Data and Reporting

EAM   ⊹ Data ▾   🌐 Visualizations ▾   🚚 Export/Import   🔍 Fulltext Search

Elements

53 App2Data Associations	**51 Applications**	**6 Application Domains**	**147 Business Mappings**
20 Business Objects	**21 Business Processes**	**9 Capabilities**	**54 Data Flows**
12 Infrastructure Elements	**1 Initiatives**	**44 Interfaces**	**1 N F Rs**
13 Business Units	**8 Products**	**17 Projects**	**7 Standards**
8 Strategies	**38 Technical Components**		

Visualizations

Hierarchy	**Landscape**	**Nesting**	**Correlation**
Scatter Plot	**Graph Diagram**	**Circular Dendrogram**	**smartEA**

Saved Spreadsheet Reports

ApplicationsNoLa	HighComplexApps	AppsWIthCentralI

Saved Visualizations

ApplicationInterfa	AppsByAcc&Com	OrganizationView	AppLandscapeOrg

© SMART360° Co.

smart360's EAM Meta model - Enabling a quick start
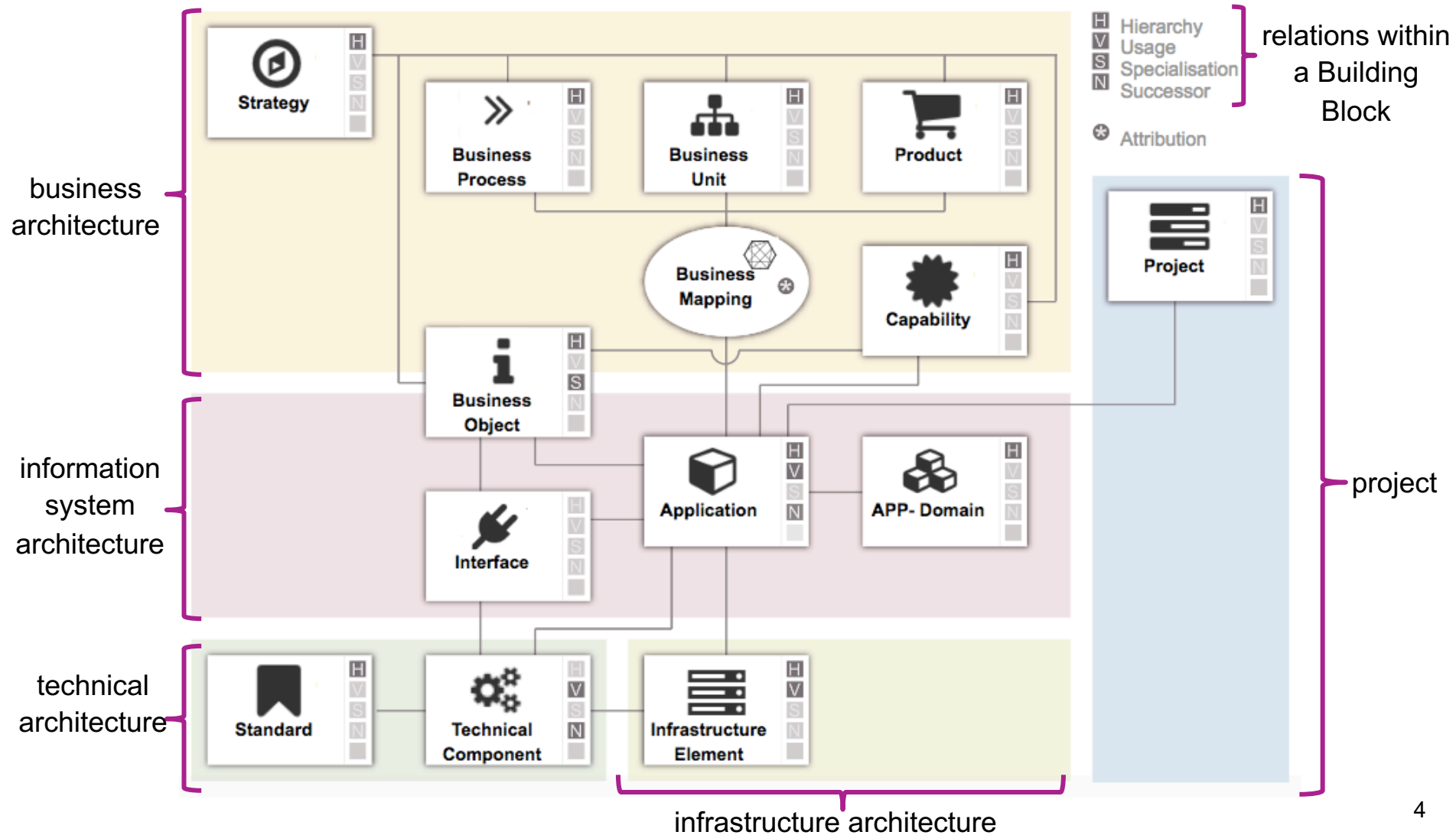
Create / Clone Repository

Select source repository

○
Clone From Repository

◔
Create / Clone From Template

Repository Package:

○	◔	⛓	▤	🏛	🛡	🌐	☑	⚏	↗	ⓘ
BLANK	EAM	EAMSample	IT4IT	TOGAF	LeanISMS	World	ITHelpDesk	**APPRAT**	ISSUETRACKER	STIX

Steps for Successful Application Rationalization
framework: 1) List of applications with Owners 2) Identify
technical fit/health, business value (Strategic & value
add) and costs. 3) Expand with Complexity, Vendor,
architecture fit, integrations. 4) Assess and plan roadmap

ISSUETRACKER diagram: Components, Issues, Kanban board, Releases, Project Pages, Projects

STIX diagram: Attack Pattern, Grouping, Opinion, Note, Malware Analysis, Report, Campaign, Vulnerability, Infrastructure, Tool, Location, Indicator, Identity, Course of Action, Observed Data, Intrusion Set, Threat Actor, Malware
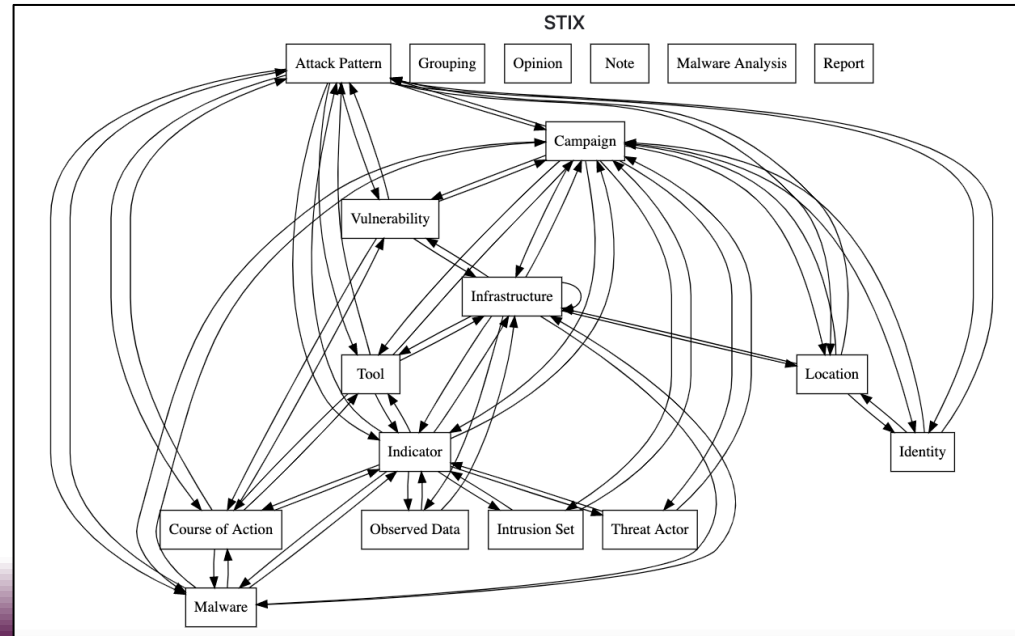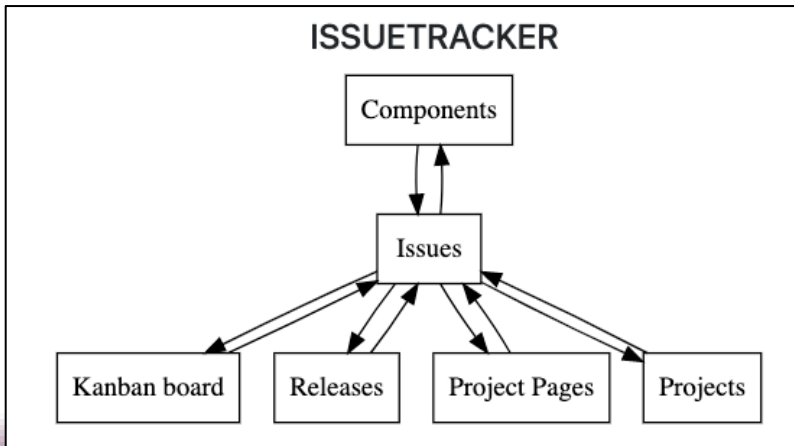
No code adjustments on data structure

- Add your own properties to any element type
  - ➔ Make them optional/mandatory and single-/multi-value
  - ➔ Many property types:
    - Enumeration, Boolean, Color, Date, Date & Time, Interval (Start & End date), Integer, Numeric, Richtext, Text, File, Percent, ...

- Change relationships
  - ➔ Change multiplicity, rename, add or remove relationships

- Change Element Type
  - ➔ Add and remove any type
  - ➔ Change name, description and icon

Adapt smart360 to the terminology and requirements in your company, e.g. add NFRs, Demands, etc.

Features
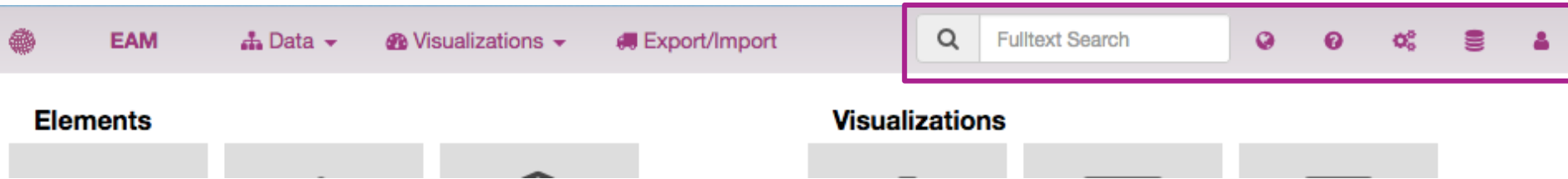
- Overview
- General features of smart360
- Filter and edit data in smart360
- Analyze data and create reports out of smart360

General features

Elements

Visualizations

global search

Manage MetaModel
Permissions
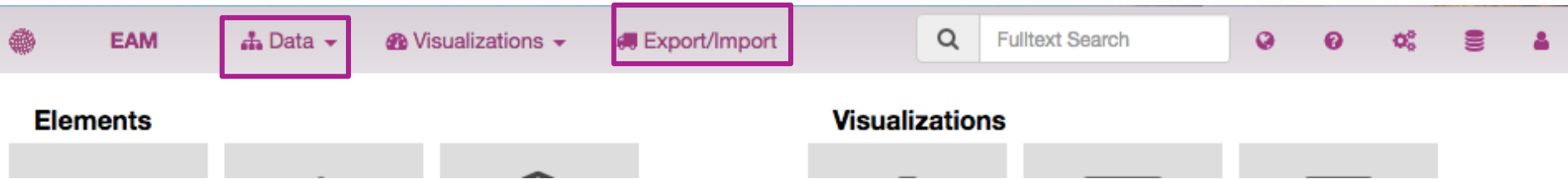
language settings

general information

English
German
French
Bulgarian

User Guide
Definitions
More

user profile settings

Profile
Clear Session
Logout

Features

- Overview

- General features of smart360

- Filter and edit data in smart360

- Analyze data and create reports out of smart360

View data

Search all elements

Get an overview of changes

Browse saved reports

View, query and edit your data

… bulk export / import data

Menu bar: EAM | Data ▾ | Visualizations ▾ | Export/Import

Elements

- 53 App2Data Associations
- 20 Business Objects
- 12 Infrastructure Elements
- 13 Business Units
- 147 Business Mappings
- 54 Data Flows
- 1 N F Rs
- 7 Standards

Data dropdown menu:
- Q Fulltext Search
- History
- Saved Spreadsheet Reports
- Opened Spreadsheet Reports

- ↔ App2Data Associations
- Applications
- Application Domains
- Business Mappings
- Business Objects
- Business Processes
- Capabilities
- Data Flows
- Infrastructure Elements
- Initiatives
- Interfaces
- N F Rs
- Business Units
- Products
- Projects
- Standards
- Strategies
- Technical Components

Browse your data

- Create new entries
- Filter based on any property or relationships
- Show History by Type
- Export in Excel
- Save view for others
- Edit data in Bulk (like in a spreadsheet)

Edit data
Create, read, update & delete single elements

EAM   ⚙ Data ▾   🌐 Visualizations ▾   🚚 Export/Import   🔍   Fulltext Search   🌐 ❓ ⚙ 🗄 👤

🏠 / EAM / Application / CRM # 3.1

breadcrumb

✏ Edit   ➕ New   📋 Clone   🗑 Delete   ☆ Link   ⬇ Download ▾   🕘 History

Show attributes and relationships grouped

⊞   **Application** ⓘ   **CRM # 3.1**   ⊞ Ungroup

∨ default

Accountability ⓘ	joe	**Complexity** ⓘ	average
		Description ⓘ	Management of customer data
Development (End)	2007-12-31	**Development (Start)**	2007-03-31
Live (End)	2012-09-30	**Live (Start)**	2008-01-01
Maintenance activity ⓘ	100.00	**Superordinate Application** ⓘ	
Replacement (End)	2013-06-07	**Replacement (Start)**	2012-10-01
Lifetime ⓘ	2008-01-01/2012-09-30	**System size** ⓘ	average
Status ⓘ	Current		

applicableNFRS ⓪

≡ **Name**

Uses ⓪ ⓘ

≡ **Name** ⓘ	≡ **Description** ⓘ	≡ **Accountability** ⓘ	≡ **Status** ⓘ	≡ **Complexity** ⓘ

Business Mappings ⑯ ⓘ

≡ **Application** ⓘ	≡ **Business Process** ⓘ	≡ **Business Unit** ⓘ	≡ **Product** ⓘ

Edit data
Mass Data

Import and Export your data via the Excel-interface

1. download Excel template

export your data

3. upload your data

2. fill-in your data
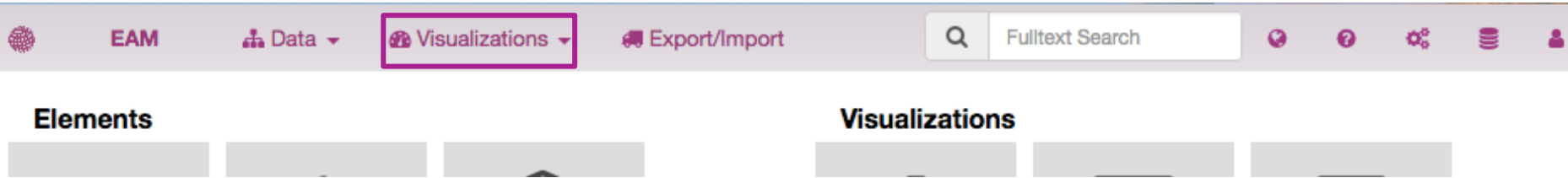
Features

- Overview

- General features of smart360

- Filter and edit data in smart360

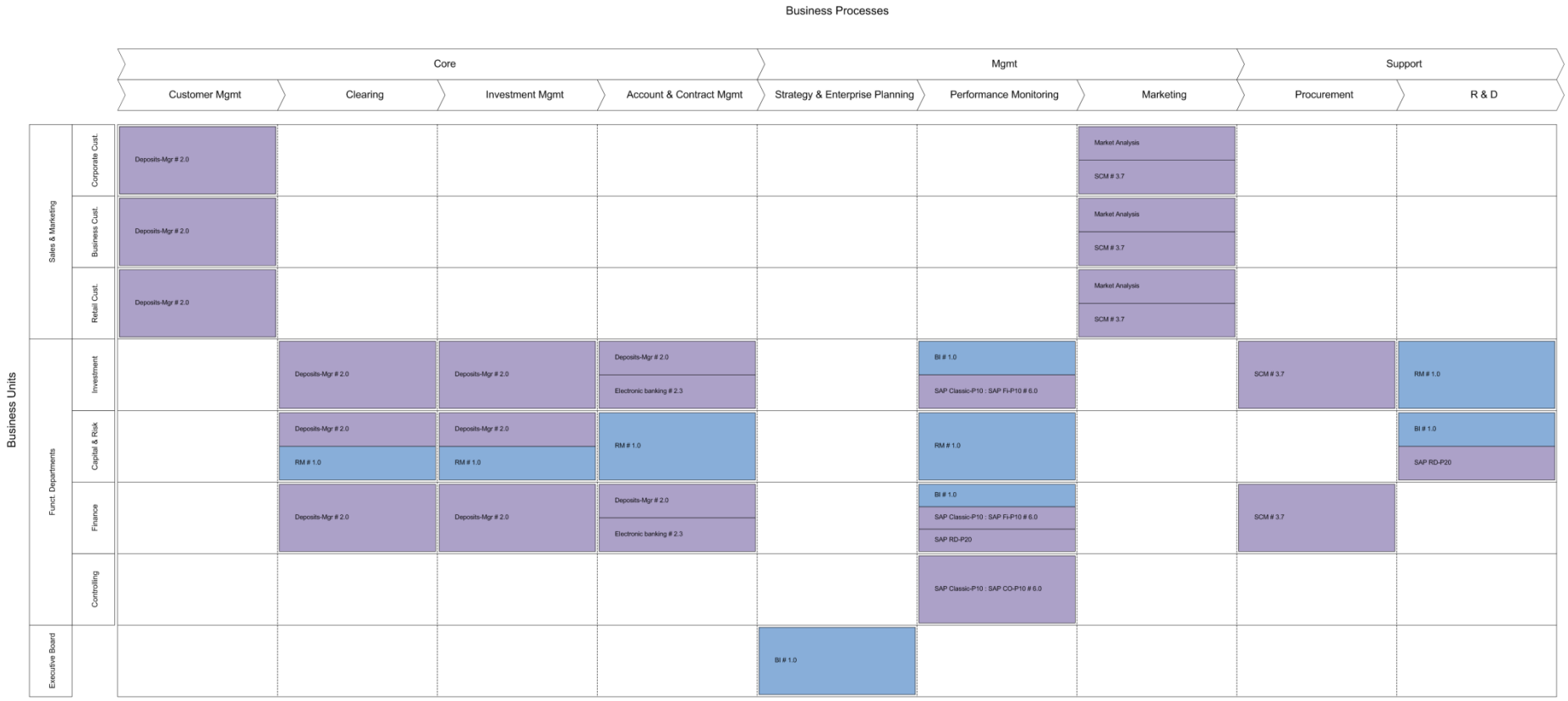- Analyze data and create reports out of smart360

Analyze data and create reports

Configure your own visualisation
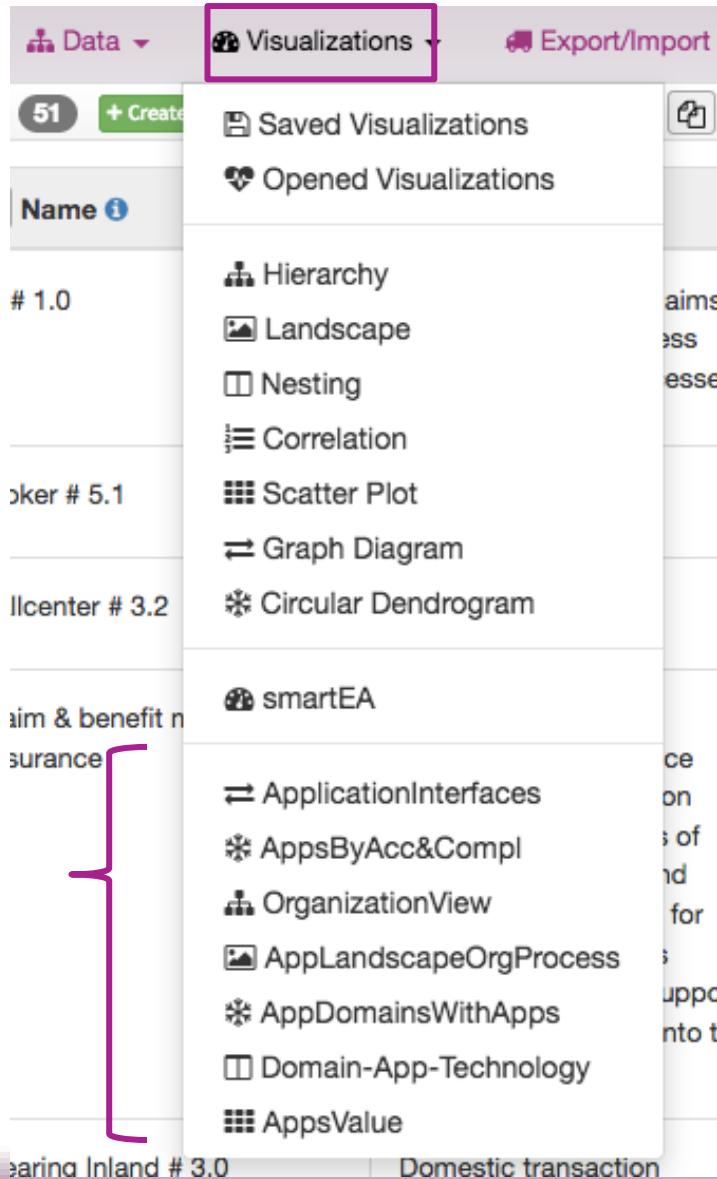
Visualize your data using one of the saved diagram reports, or create your own report or…

Analyze data and create reports
Example: Landscape Diagram - IT-Support for Business

Business Processes

Business Units

		Customer Mgmt	Clearing	Investment Mgmt	Account & Contract Mgmt	Strategy & Enterprise Planning	Performance Monitoring	Marketing	Procurement	R & D
Sales & Marketing	Corporate Cust.	Deposits-Mgr # 2.0						Market Analysis / SCM # 3.7		
	Business Cust.	Deposits-Mgr # 2.0						Market Analysis / SCM # 3.7		
	Retail Cust.	Deposits-Mgr # 2.0						Market Analysis / SCM # 3.7		
Funct. Departments	Investment		Deposits-Mgr # 2.0	Deposits-Mgr # 2.0	Deposits-Mgr # 2.0 / Electronic banking # 2.3		BI # 1.0 / SAP Classic-P10 : SAP Fi-P10 # 6.0		SCM # 3.7	RM # 1.0
	Capital & Risk		Deposits-Mgr # 2.0 / RM # 1.0	Deposits-Mgr # 2.0 / RM # 1.0	RM # 1.0		RM # 1.0			BI # 1.0 / SAP RD-P20
	Finance		Deposits-Mgr # 2.0	Deposits-Mgr # 2.0	Deposits-Mgr # 2.0 / Electronic banking # 2.3		BI # 1.0 / SAP Classic-P10 : SAP Fi-P10 # 6.0 / SAP RD-P20		SCM # 3.7	
	Controlling						SAP Classic-P10 : SAP CO-P10 # 6.0			
Executive Board						BI # 1.0				

Operating expenses	
	<= 20.00
	20.00 - 69.00
	69.00 - 100.00
	100.00 - 110.00
	> 110.00
	unspecified

Analyze data and create reports
## Example: Cluster Diagram - Input for Technical Standardisation

Architectural Domain

Programming Language	Protocol	Middleware	Business Logic	Applicationserver	Database	Operating Systems
ABAP # 4	HTTP # 1.1	CORBA	iteraplan # 2.9	Apache HTTP Server # 2.0	Adabas D # 13	BS2000
C	LDAP # 3.0	SAP ERP ECC # 6.0	SAP PLM # 5.0	JBoss # 5.1	ADDS	Linux # SUSE Linux
C++		SAP NetWeaver MDM # 6.0		SAS Enterprise BI Server	DB2 # 9.1	UNIX # HP UX
COBOL		VM Ware Server # 2		Tomcat # 4.1	Informix # 8	UNIX # Solaris
High Level Assembler				Tomcat # 5.5	MySQL # 4.1	Windows # Server 2008 r2
Java # 1.4				Tomcat # 7.0	Oracle # 10g	z/OS
Java # 5.0				WebSphere # 7.0	Proprietary DB # 2.0	
Java # 6.0					SQL Server # 2008 r2	
Natural						

Technical Component

Architectural Domain Accountability

	alice
	bob
	joe
	max
	sue
	tom
	walter
	unspecified

Technical Component Status

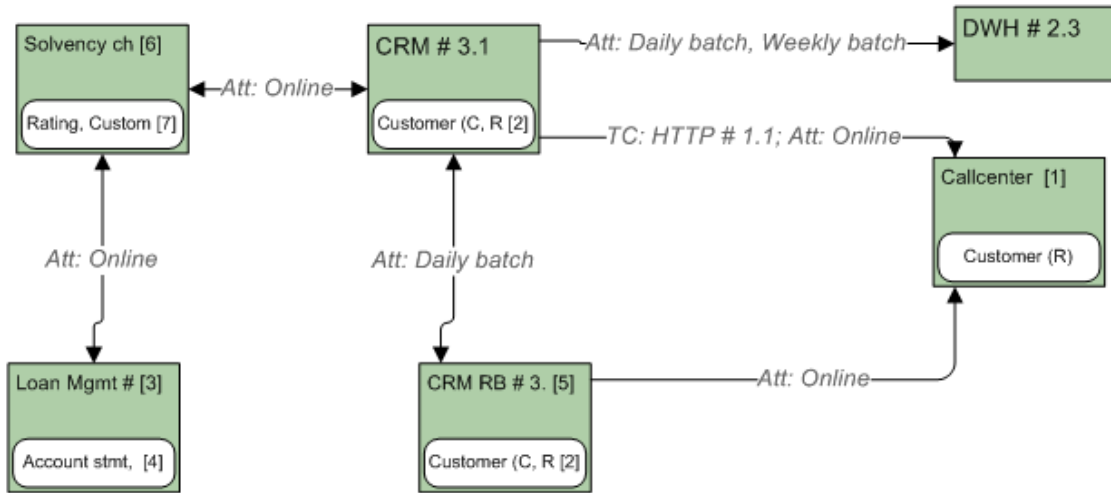|	
	Current
	Planned
	Target
	Inactive
	Not assigned

17

Analyze data and create reports
Example: Nesting Cluster Diagram - Process Map
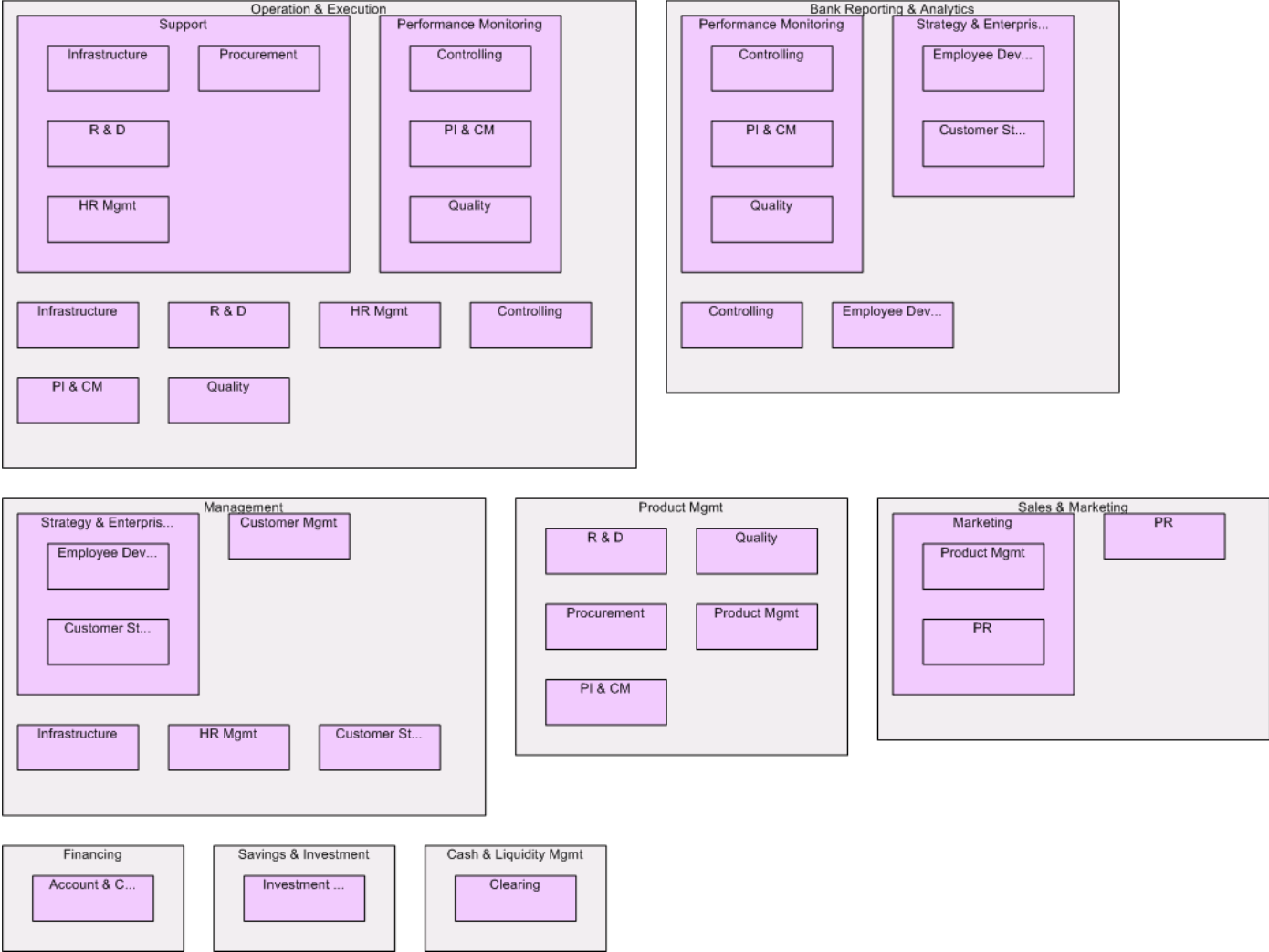
Analyze data and create reports
Example: Information Flow Diagram - Flow of customer data

Status	
🟩	Current
🟨	Planned
🟥	Target
🟦	Inactive

Number	Geschäftsobjekte
2	Customer (C, R, U, D)
4	Account stmt, Accounting entry, Rating, Contract (R), Loan account
7	Rating, Customer (R, U)

Number	Informationssysteme
1	Callcenter # 3.2
3	Loan Mgmt # 1.6
5	CRM RB # 3.1
6	Solvency check # 1.0

Analyze data and create reports
Example: Portfolio Diagram - Healthiness of IS-landscape

Analyze data and create reports
Example: Master Plan Diagram - IS affected by Projects

Project	Begin	End	Accountability	2011	2012	2013	2014
- Information Systems							
CRM in Cloud	06/01/2011	10/01/2012	joe	CRM in Cloud			
- Salesforce.com	06/01/2016	06/01/2024					
Migration DB	03/01/2011	12/16/2011	sue	Migration DB			
- Clearing Inland # 3.0	01/01/2008	05/01/2019		Clearing Inland # 3.0			
- Solvency check # 1.0	04/01/2011	12/14/2012		Solvency check # 1.0			
- Solvency check # 1.1	12/15/2012	-				Solvency check # 1.1	
- SWIFT clearing # 4.0	01/01/2007	05/31/2022		SWIFT clearing # 4.0			
- VISA clearing # 3.0	01/01/2009	05/31/2034		VISA clearing # 3.0			
mTAN	-	-	max	mTAN			
- Electronic banking # 2.3	06/01/2009	05/31/2019		Electronic banking # 2.3			

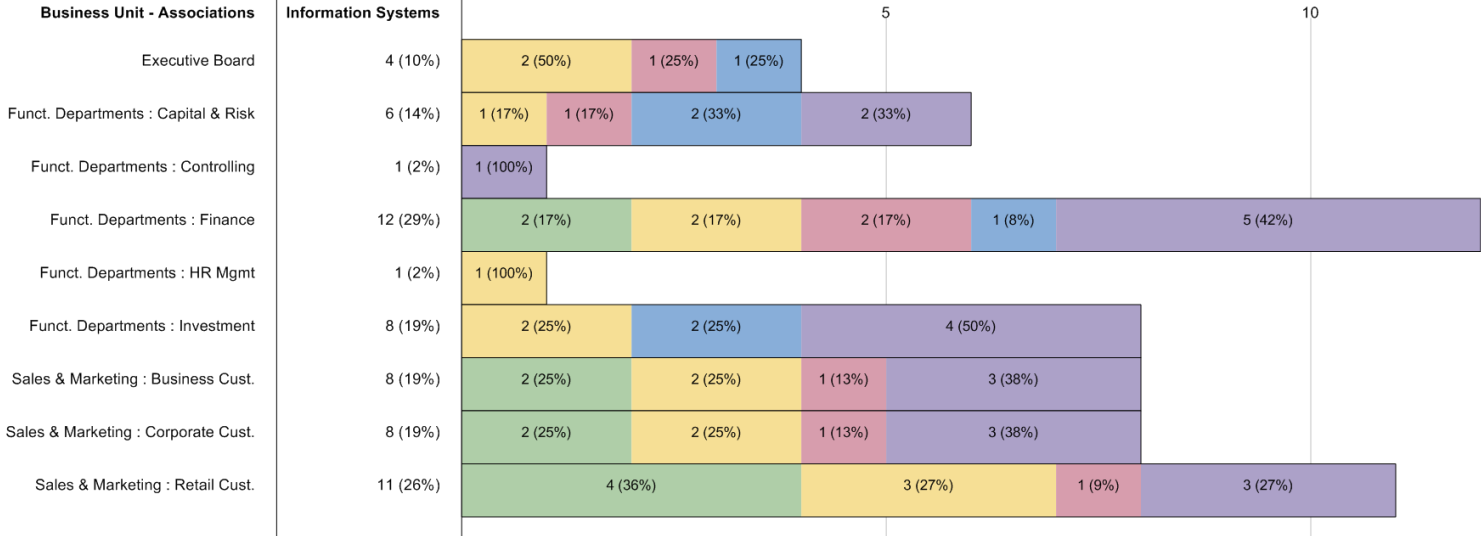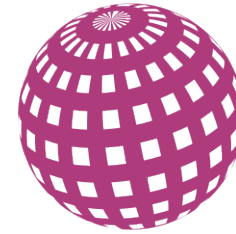| Costs	
	<= 38.00
	38.00 - 100.00
	100.00 - 600.00
	600.00 - 700.00
	> 700.00
	unspecified

Analyze data and create reports
Example: Composite Bar and Pie Chart - Operating Expenses of IS

Operating expenses	
■ (green)	<= 20.00
■ (yellow)	20.00 - 69.00
■ (pink)	69.00 - 100.00
■ (blue)	100.00 - 110.00
■ (purple)	> 110.00

Business Unit - Associations	Information Systems					
Executive Board	4 (10%)	2 (50%)	1 (25%)	1 (25%)		
Funct. Departments : Capital & Risk	6 (14%)	1 (17%)	1 (17%)	2 (33%)	2 (33%)	
Funct. Departments : Controlling	1 (2%)	1 (100%)				
Funct. Departments : Finance	12 (29%)	2 (17%)	2 (17%)	2 (17%)	1 (8%)	5 (42%)
Funct. Departments : HR Mgmt	1 (2%)	1 (100%)				
Funct. Departments : Investment	8 (19%)	2 (25%)	2 (25%)	4 (50%)		
Sales & Marketing : Business Cust.	8 (19%)	2 (25%)	2 (25%)	1 (13%)	3 (38%)	
Sales & Marketing : Corporate Cust.	8 (19%)	2 (25%)	2 (25%)	1 (13%)	3 (38%)	
Sales & Marketing : Retail Cust.	11 (26%)	4 (36%)	3 (27%)	1 (9%)	3 (27%)	

Contact

info@smart360.biz

SMART360°Biz

3 Germay Dr, Unit 4 #1168

Wilmington, DE 19804, USA

Phone +1 (617) 657-4360

www.smart360biz.com

@smart360biz, +SMART360Biz