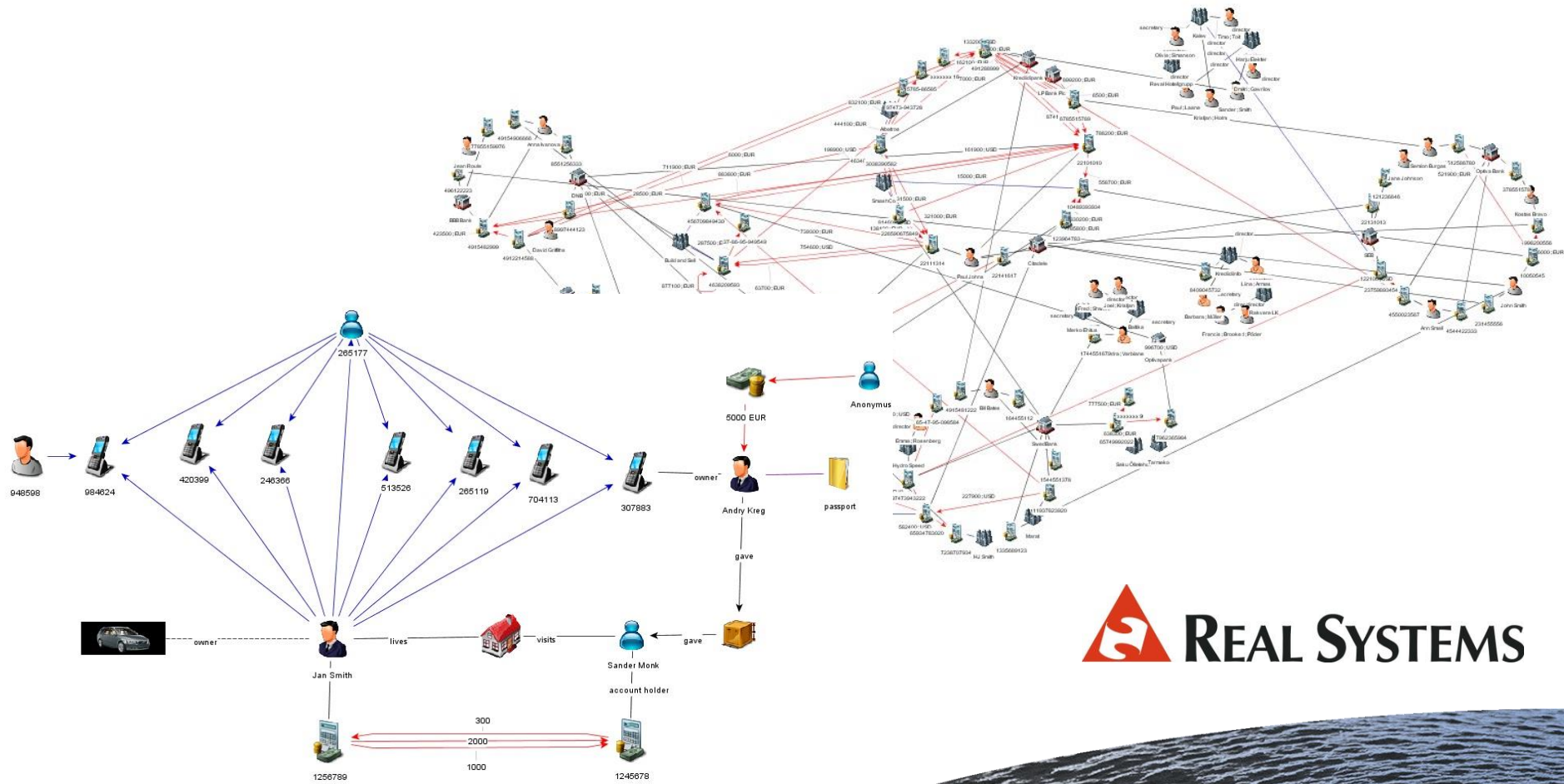


# VIZ)KEY

THE TOOL FOR  
INVESTIGATORS





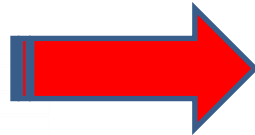
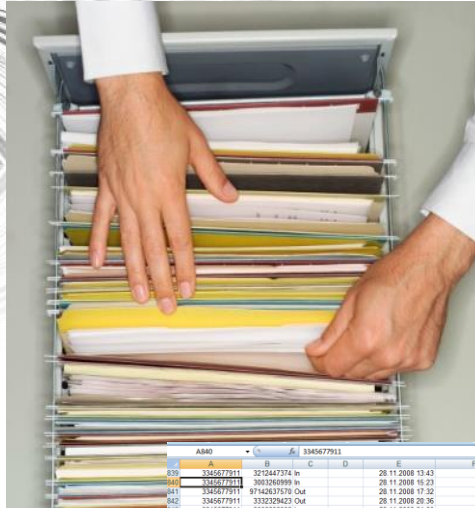
e-governance  
e-security  
e-analysis

# **Store, visualize and analyze collected information.**

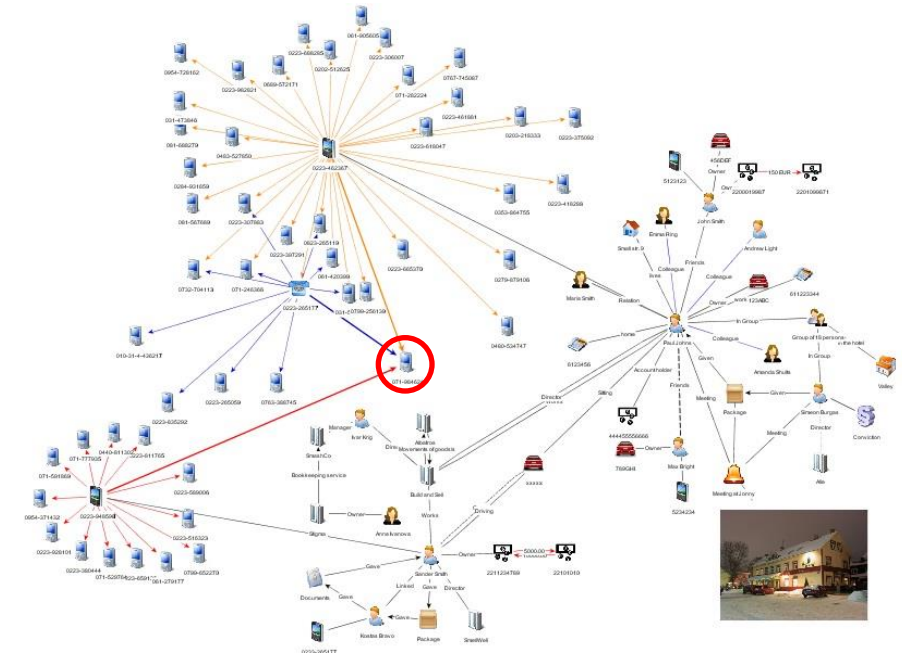
(AML, Anti-corruption, Criminal Analysis,  
Investigation, Detection)



e-governance  
e-security  
e-analysis



A	B	C	D	E	F	G
839	3345677911	321047374	In	28 11 2008 13 43	28 11 2008	13 43 29
840	3345677911	300320999	In	28 11 2008 16 23	28 11 2008	16 23 23
841	3345677911	87142637570	Out	28 11 2008 17 32	28 11 2008	17 32 50
842	3345677911	3332329423	Out	28 11 2008 20 36	28 11 2008	20 36 31
843	3345677911	300320999	In	28 11 2008 21 20	28 11 2008	21 20 07
844	3345677911	300320914	Out	28 11 2008 23 19	28 11 2008	23 19 37
845	3345677911	300320914	Out	29 11 2008 14 33	29 11 2008	14 33 50
846	3345677911	300320911	In	29 11 2008 15 29	29 11 2008	15 29 00
847	3345677911	300320911	Out	29 11 2008 17 02	29 11 2008	17 02 52
848	3345677911	3002010419	Out	29 11 2008 17 46	29 11 2008	17 46 55
849	3345677911	3003225111	In	29 11 2008 20 35	29 11 2008	20 35 49
850	3345677911	87142637570	Out	27 11 2008 8 03	27 11 2008	8 03 52
851	3345677911	3212436209	In	26 11 2008 13 01	26 11 2008	13 01 11
852	3345677911	871504214841	Out	26 11 2008	26 11 2008	15 56 00
853	3345677911	3003232124	Out	27 11 2008	27 11 2008	0 33 35
854	3345677911	300320911	In	27 11 2008	27 11 2008	11 57 03
855	3345677911	3002011	Out	27 11 2008	27 11 2008	13 17 49
856	3002010419	3332112	Out	27 11 2008	27 11 2008	13 27 10
857	3002010419	3003249	Out	27 11 2008	27 11 2008	16 21 03
858	3002010419	32127052	Out	27 11 2008	27 11 2008	17 13 56
859	3002010419	32124472	Out	27 11 2008	27 11 2008	19 24 26
860	3002010419	8714263751	Out	11 2008	11 2008	0 35 00
861	3002010419	331	Out	11 2008	11 2008	11 35 04
862	3002010419	3002096460	Out	12 2008	12 2008	13 47 16
863	3002010419	3332329423	Out	12 2008	12 2008	15 25 16
864	3345677911	871504214841	Out	2008	2008	15 45 37
865	3345677911	3003225111	Out	2008	2008	17 35 03
866	3345677911	87142637570	C	2008	2008	20 37 50
867	3345677911	3009333390	C	2008	2008	23 20 37
868	3345677911	871504214841	Out	2008	2008	13 52 50
869	3345677911	300320914	Out	2008	2008	14 34 53



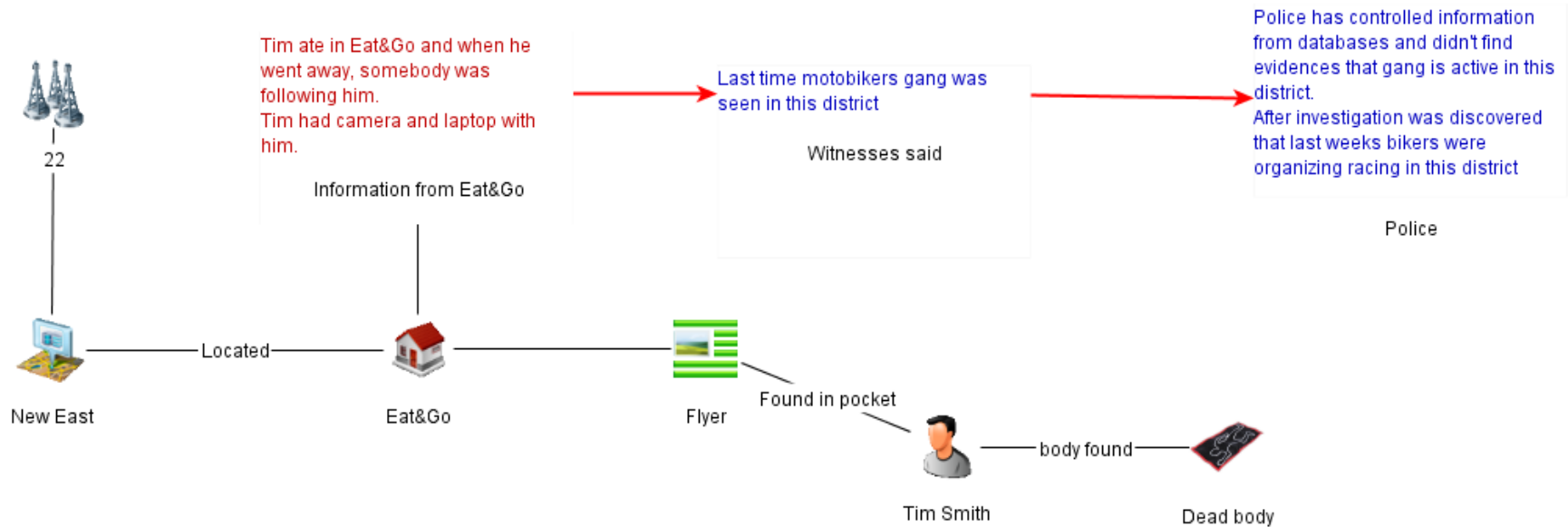
Information...

...visualization

## All in one:

- database
- Visualization area:
  - Scenarios, Filters, Results, Settings
- Analysis, Investigation, Detection functions
- Administration
- Connection to external databases

# Graphical investigation... either motorbikers or money launderers

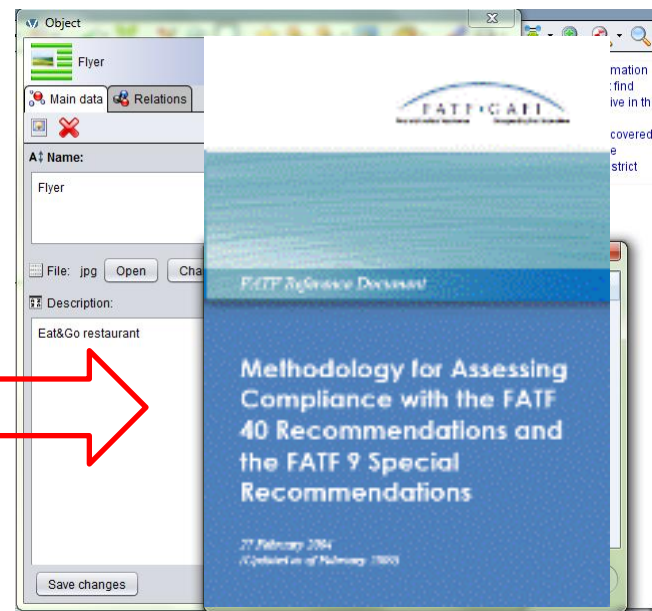


# ...can be more visualized

e-governance  
e-security  
e-analysis

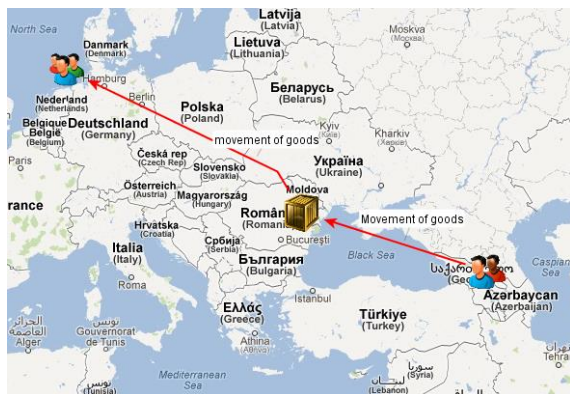


Photos on  
chart



Scenarios,  
documents,reference  
books,etc  
can be saved in  
VizKey

Background  
Image of  
transactions



Easy to add information

importing transactions....

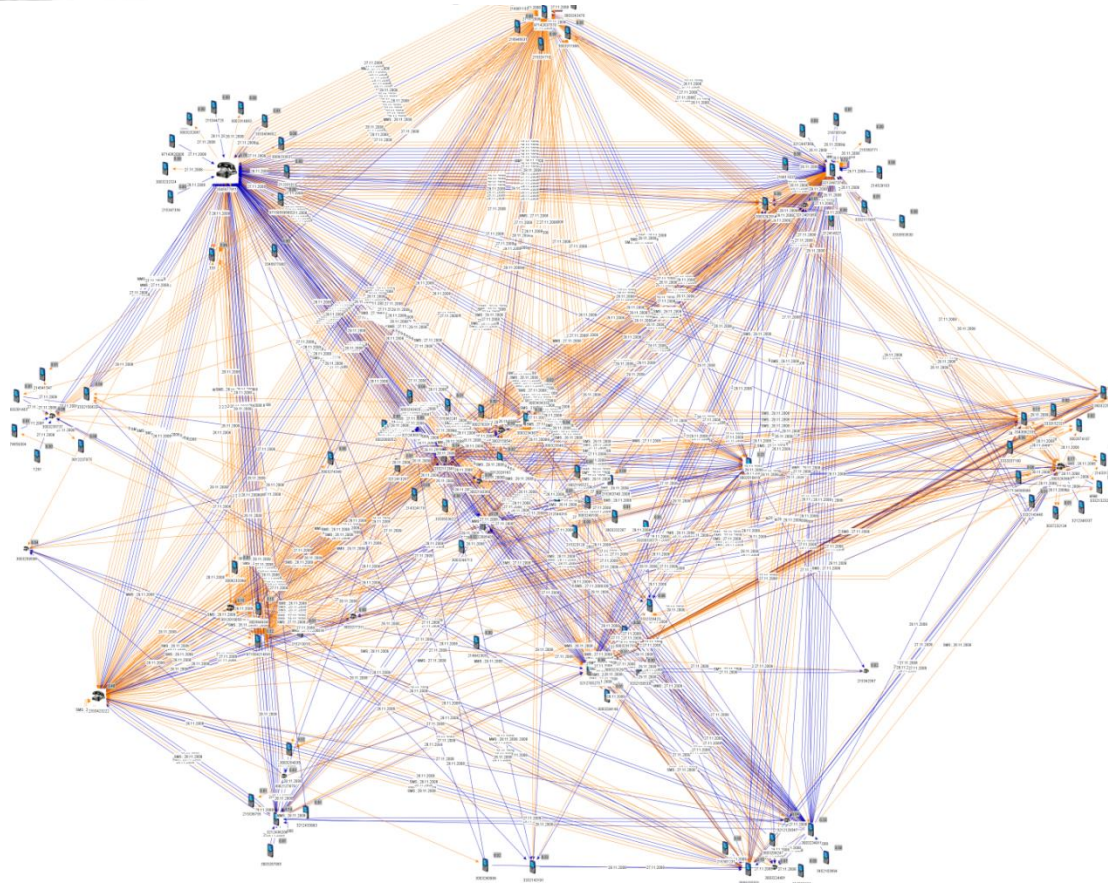
e-governance  
e-security  
e-analysis



Easy to add information

getting visual results

e-governance  
e-security  
e-analysis

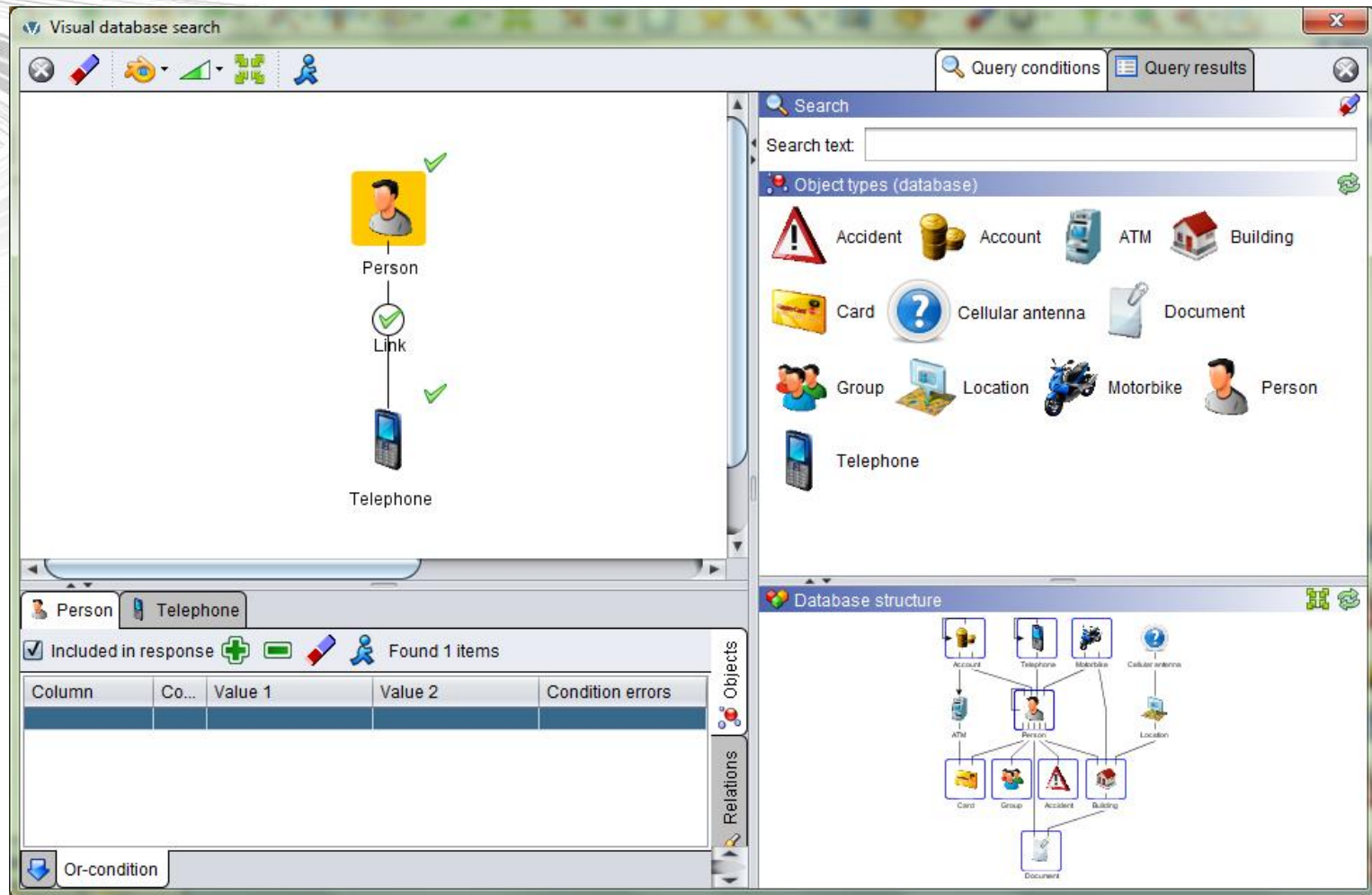


0223-265059

071-984624

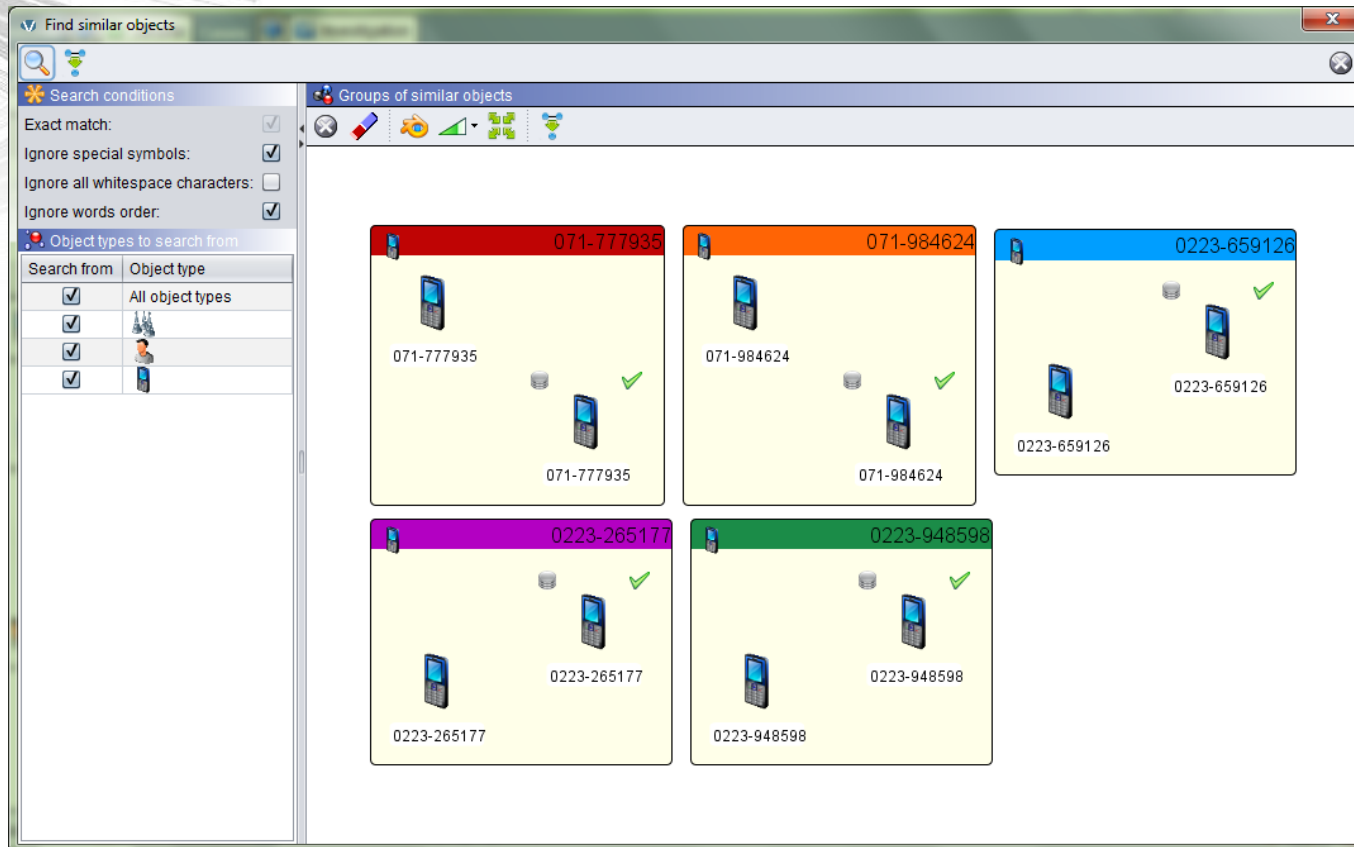
# Easy to find

e-governance  
e-security  
e-analysis



# Search of similar objects/ accounts

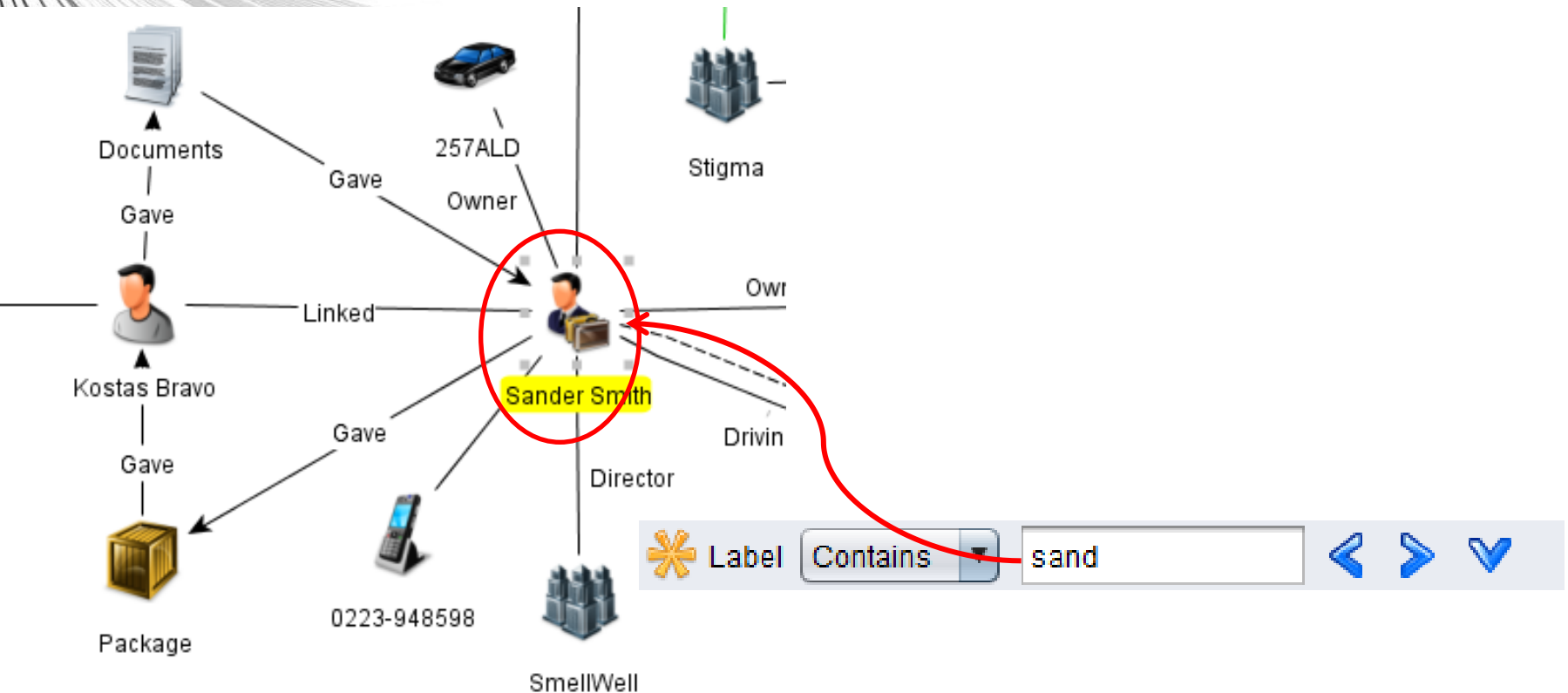
e-governance  
e-security  
e-analysis



# Find the object

(person, company, bank,...) you already know...

e-governance  
e-security  
e-analysis



Simple and quick

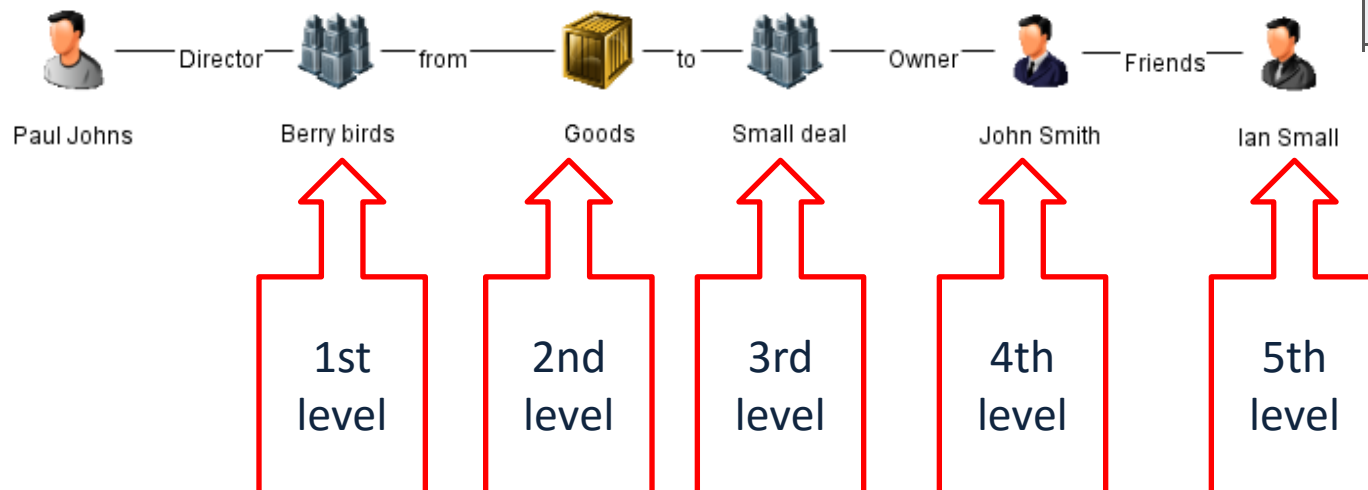
Expand: add on chart  
only what you need, go  
deeper

Start  
from

Expand 1 level  
Expand more levels

Expand 2 levels  
Expand 3 levels  
Expand 4 levels  
Expand 5 levels

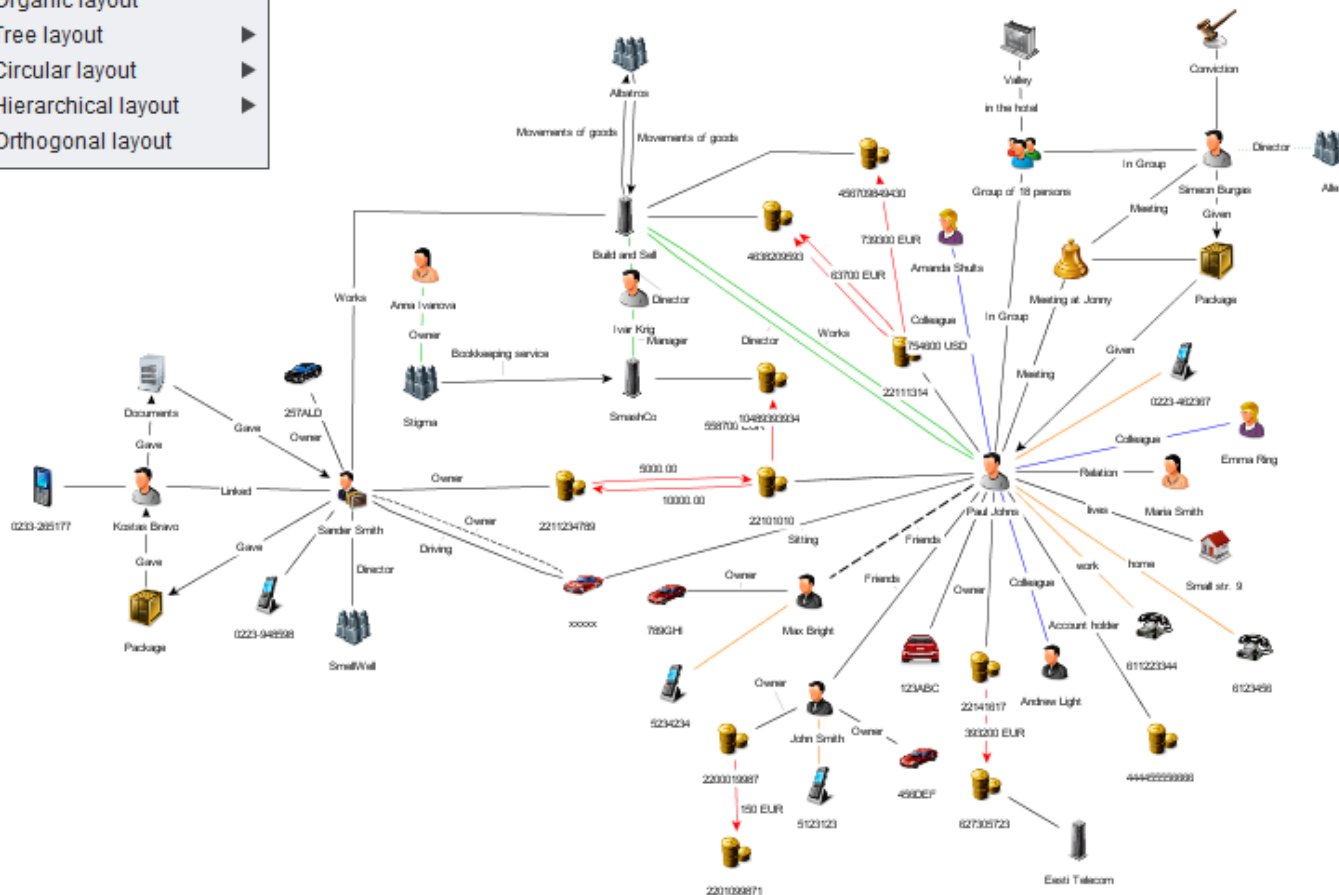
transactions





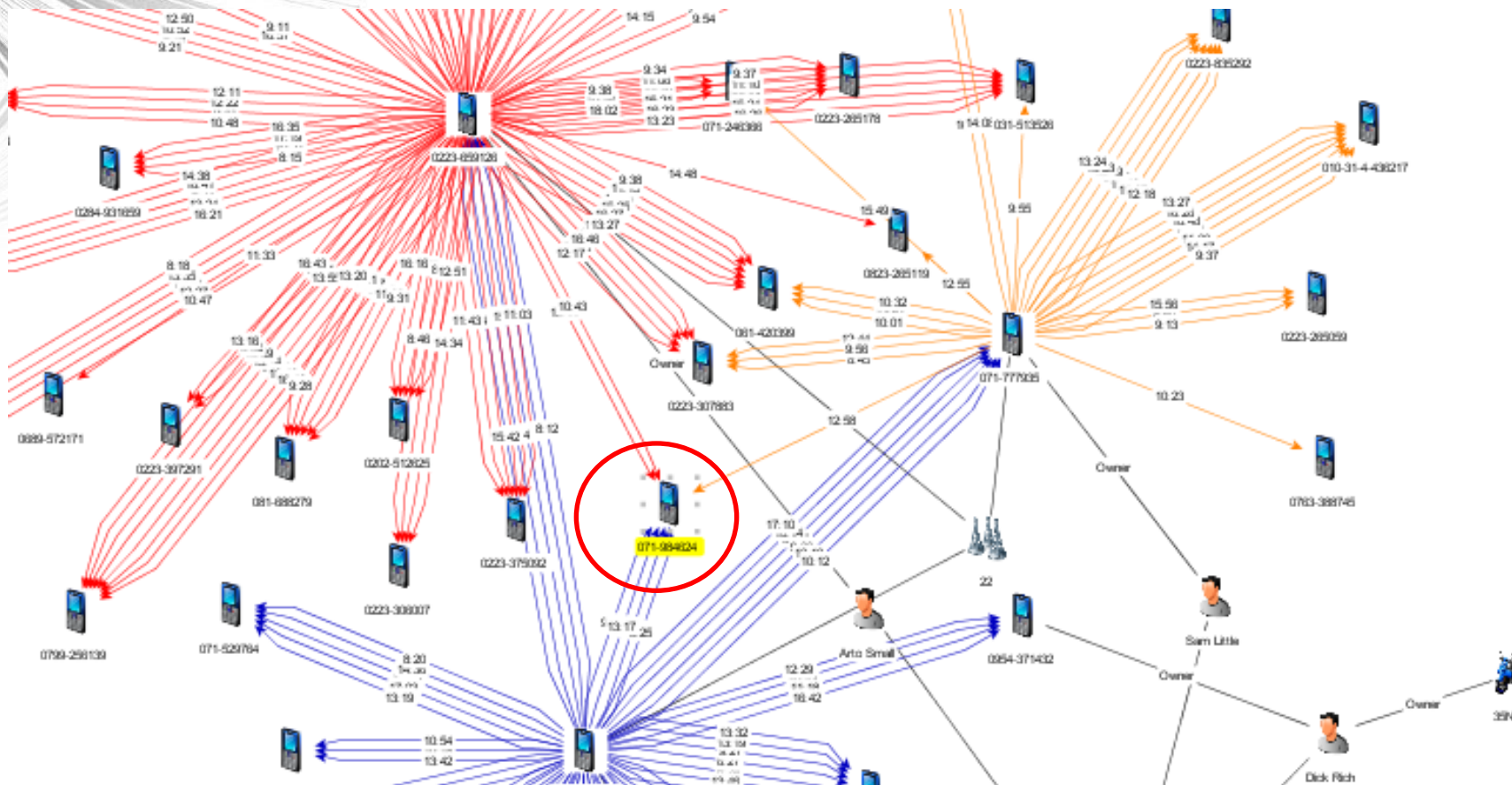
e-governance  
e-security  
e-analysis

- Refresh layout
- Organic layout
- Tree layout
- Circular layout
- Hierarchical layout
- Orthogonal layout



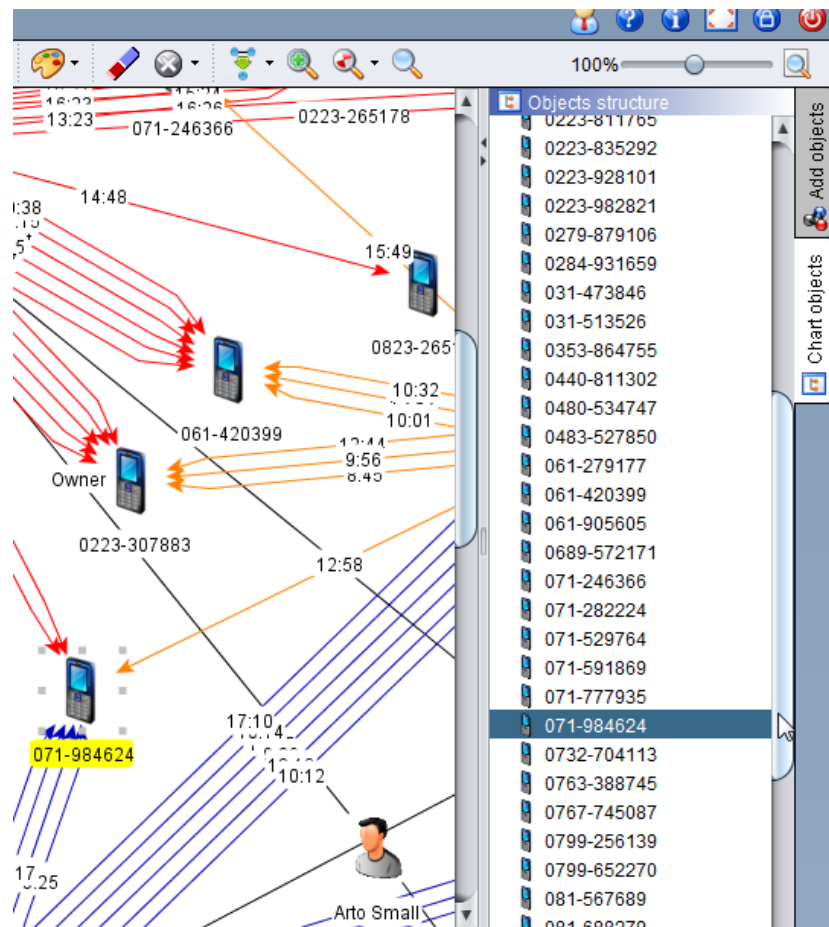
# Suspicious Network Detected?

e-governance  
e-security  
e-analysis



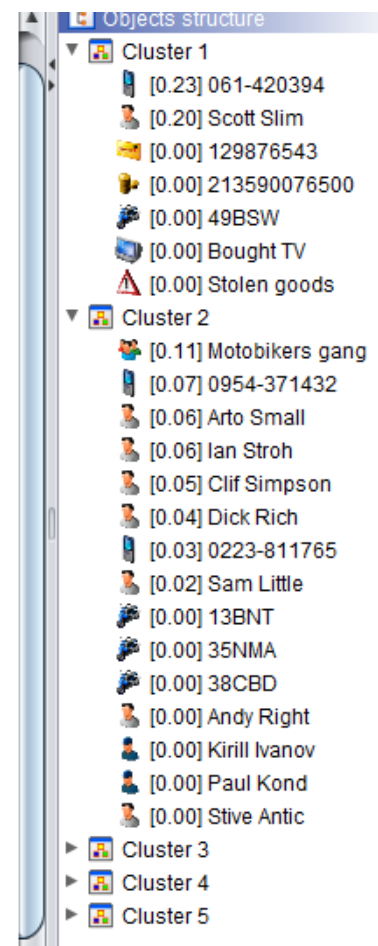
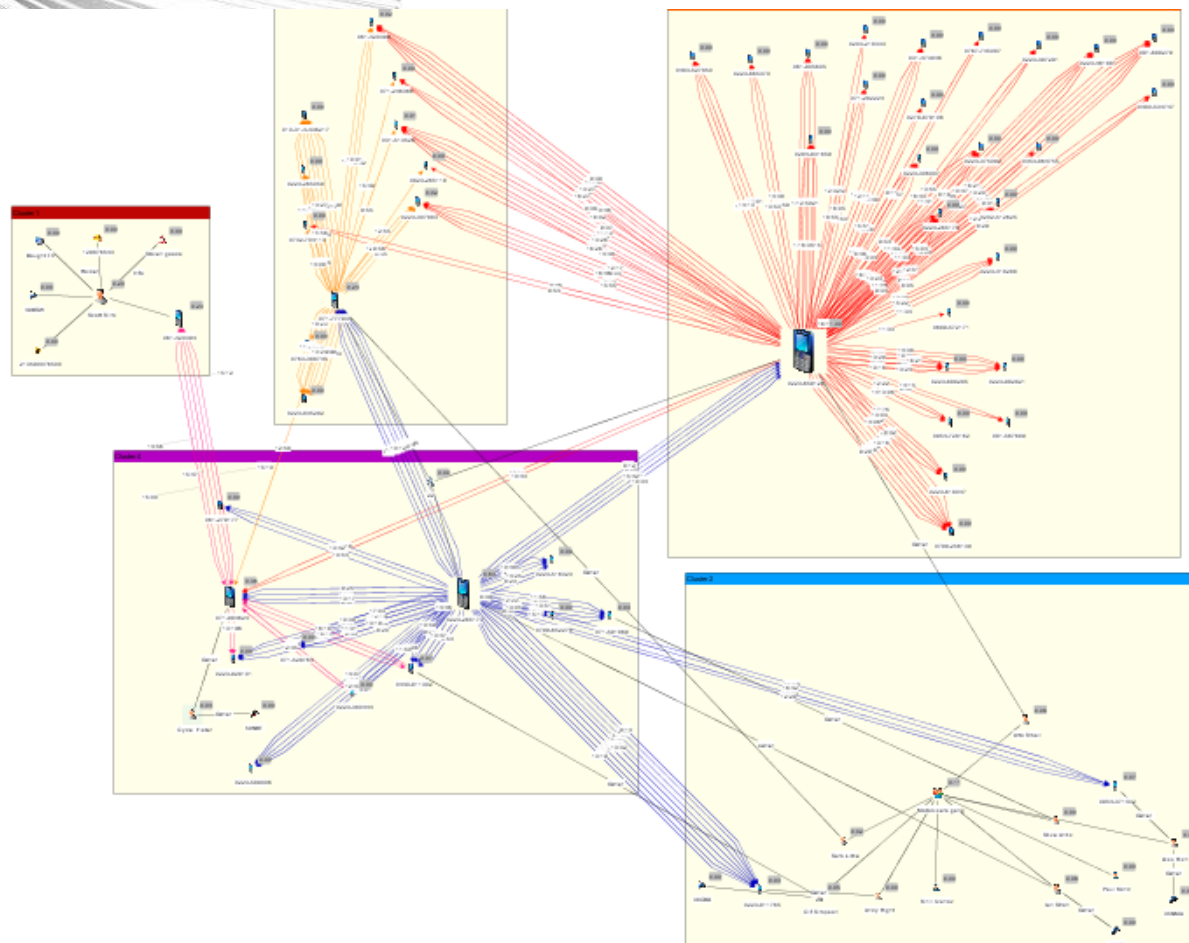
# All chart objects are listed

(bank accounts, companies, addresses, banks, ...)



# Find clusters, weighs of suspicion...

e-governance  
e-security  
e-analysis



# The most suspicious schemes...

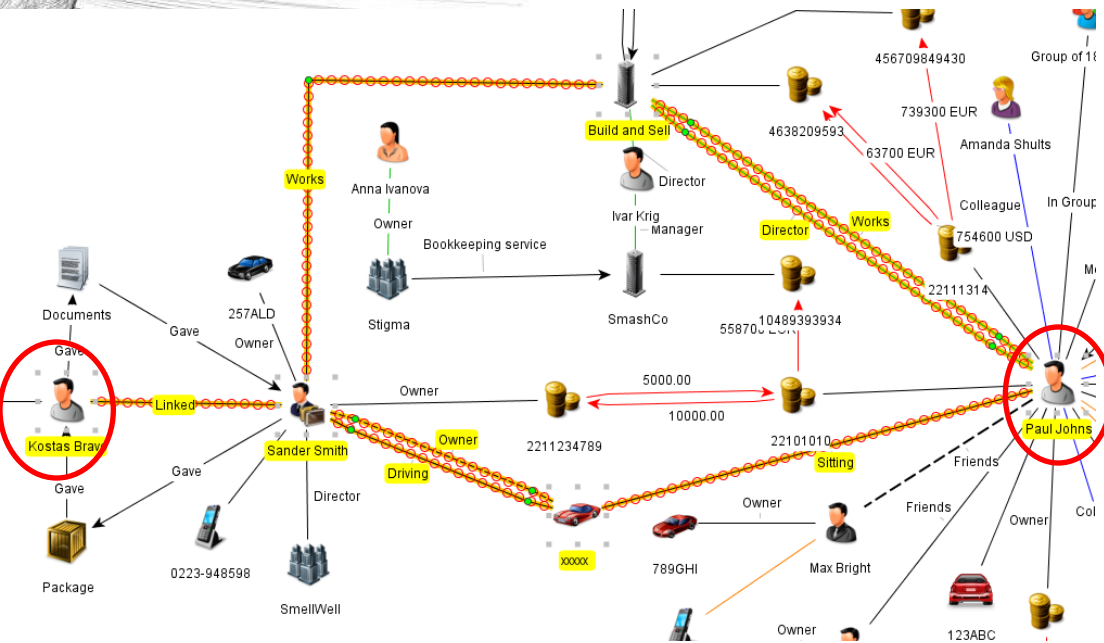
e-governance  
e-security  
e-analysis

## Objects structure

- [1.00] 97142637570
- [0.76] 3345677911
- [0.72] 3212447374
- [0.40] 2333423222
- [0.39] 3212705275
- [0.34] 3332112041
- [0.32] 971504214041
- [0.26] 3002095405
- [0.21] 3002010419
- [0.20] 3003234367
- [0.20] 3003234911
- [0.17] 3003293993
- [0.17] 3343062335
- [0.15] 3003949345

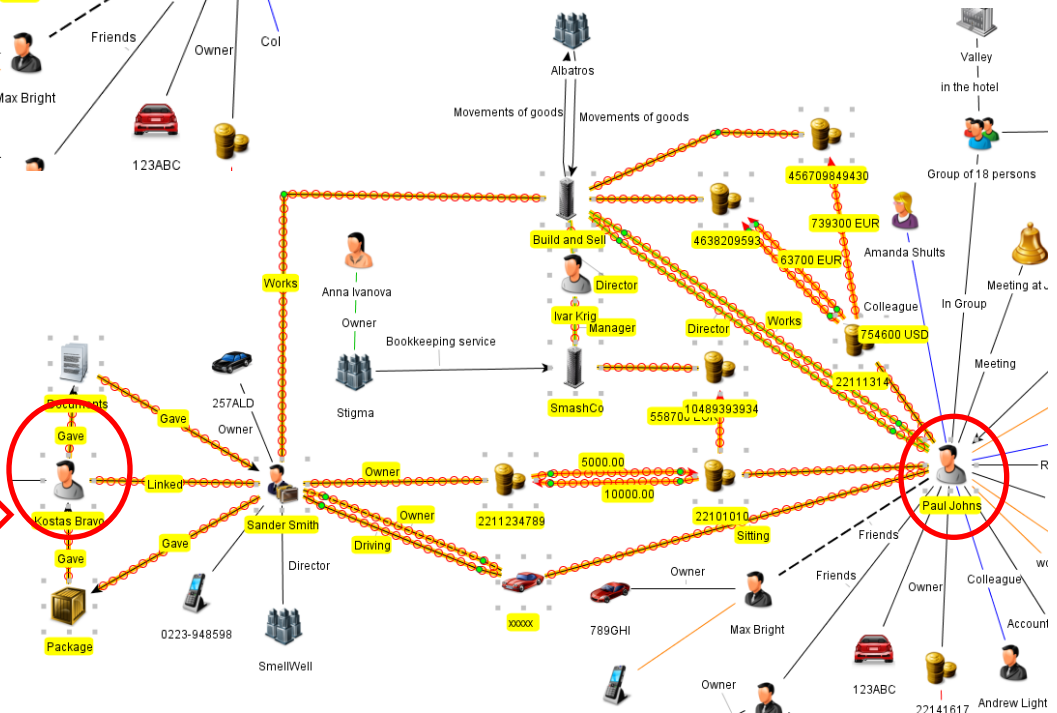
# How they are connected

e-governance  
e-security  
e-analysis



Shortest path

All paths

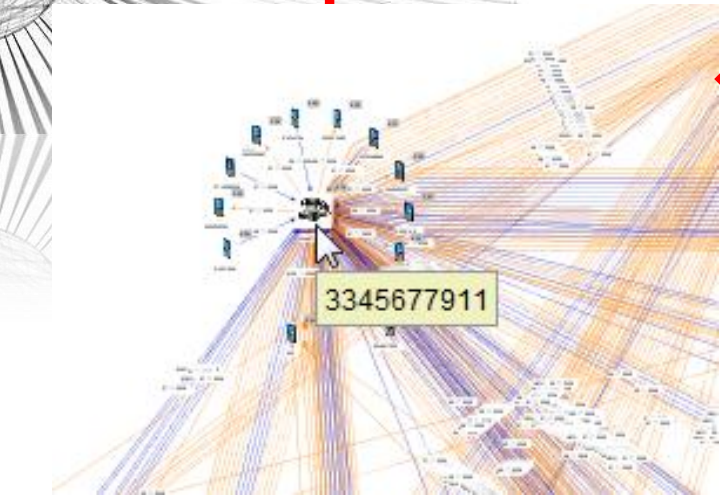




Conce  
import

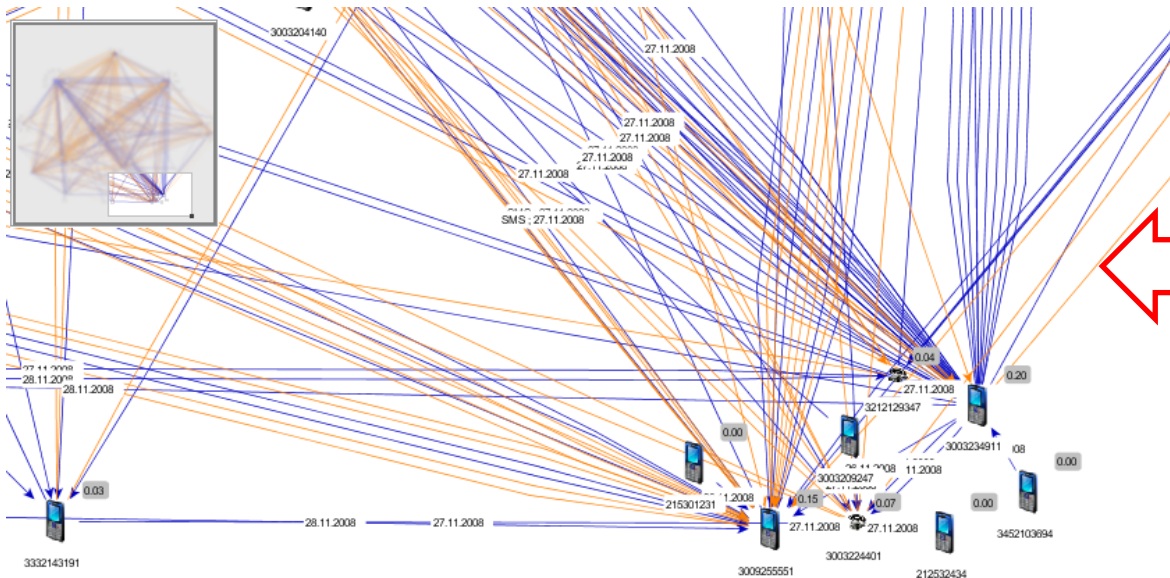
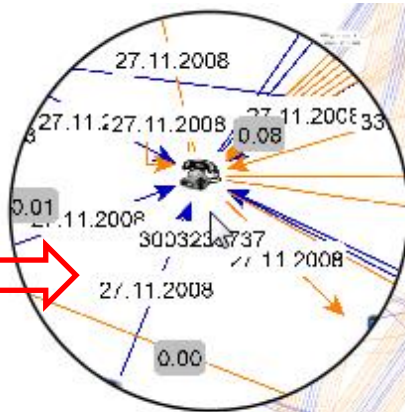


e-governance  
e-security  
e-analysis

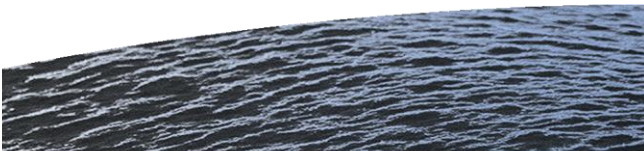


## Hot tips

Magnify

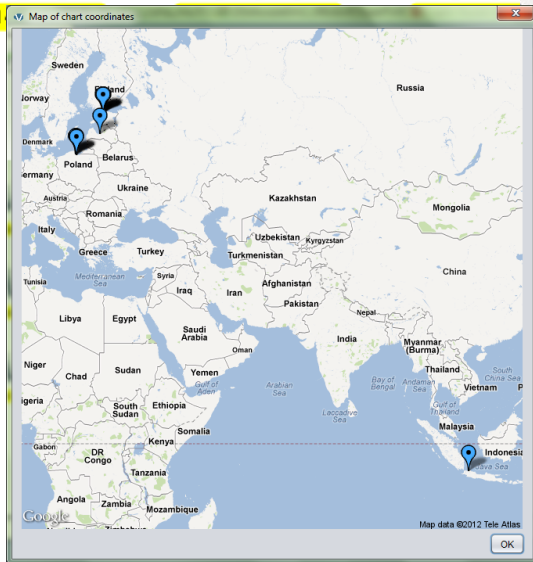
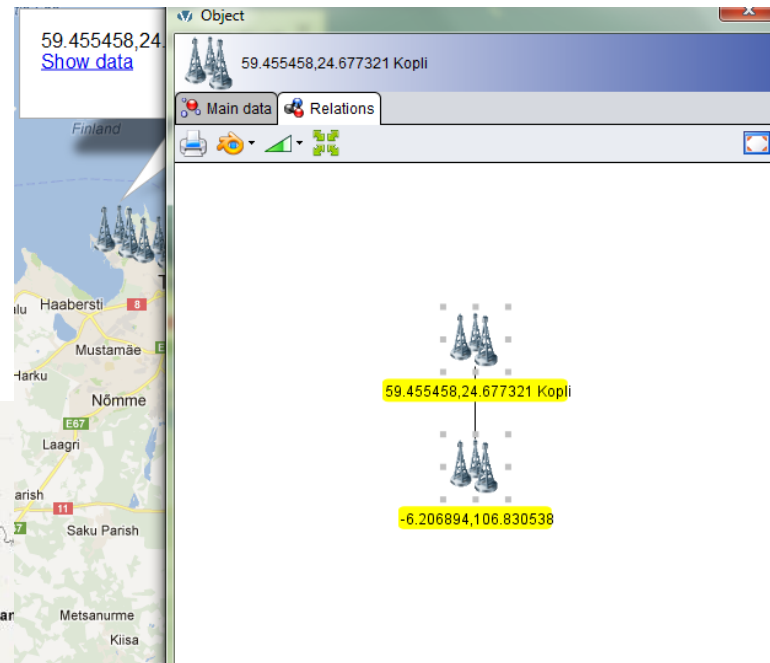
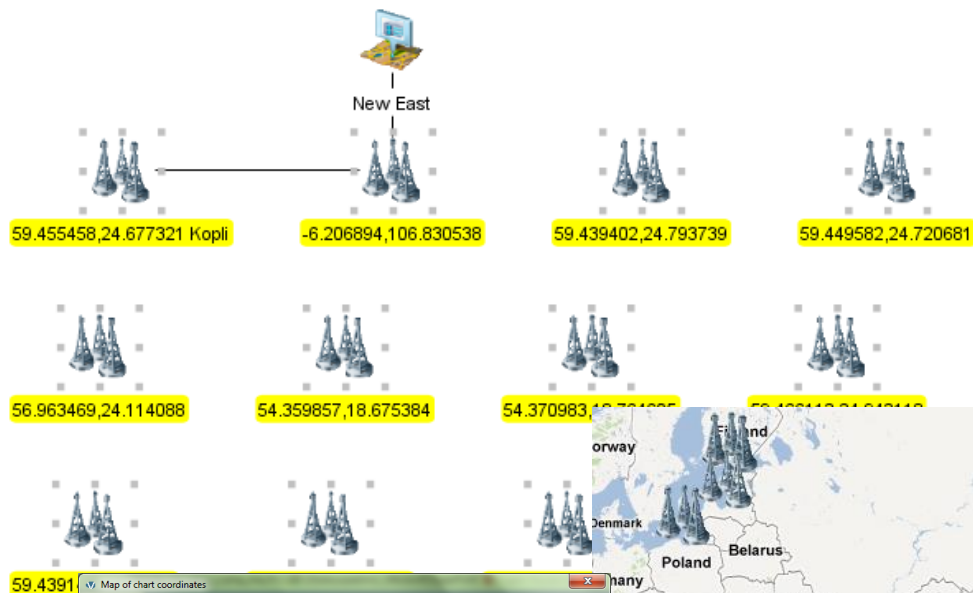


## Overview window and chart view



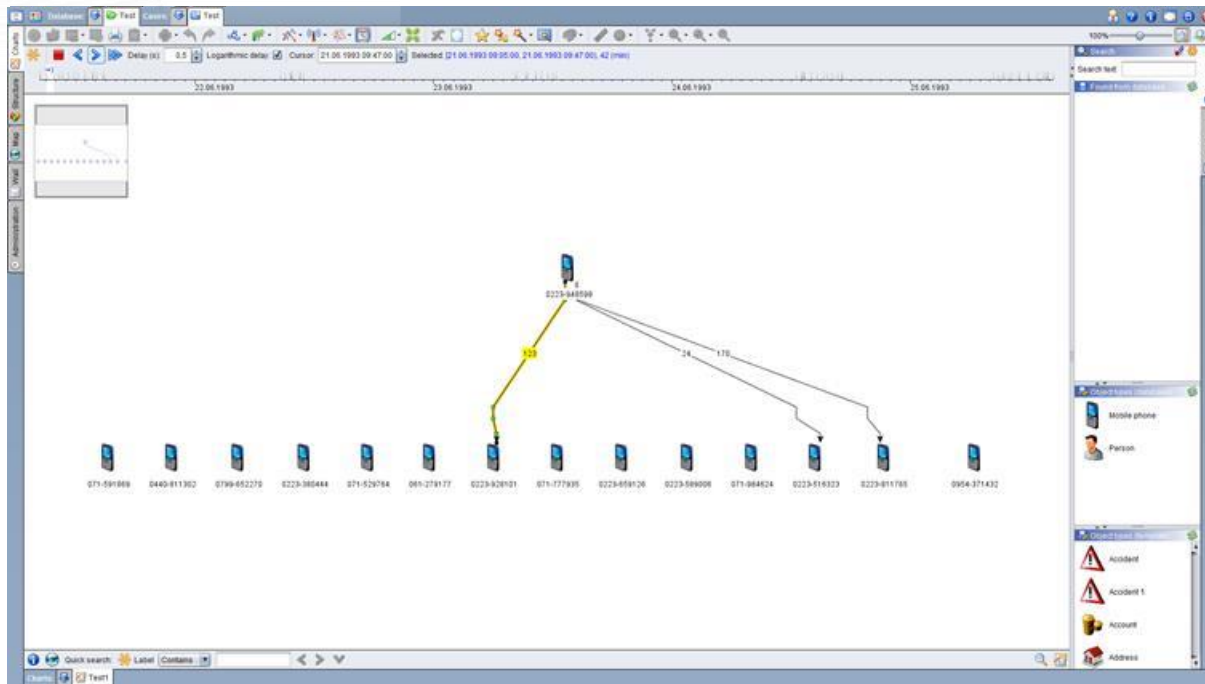
# Or map objects...

e-governance  
e-security  
e-analysis



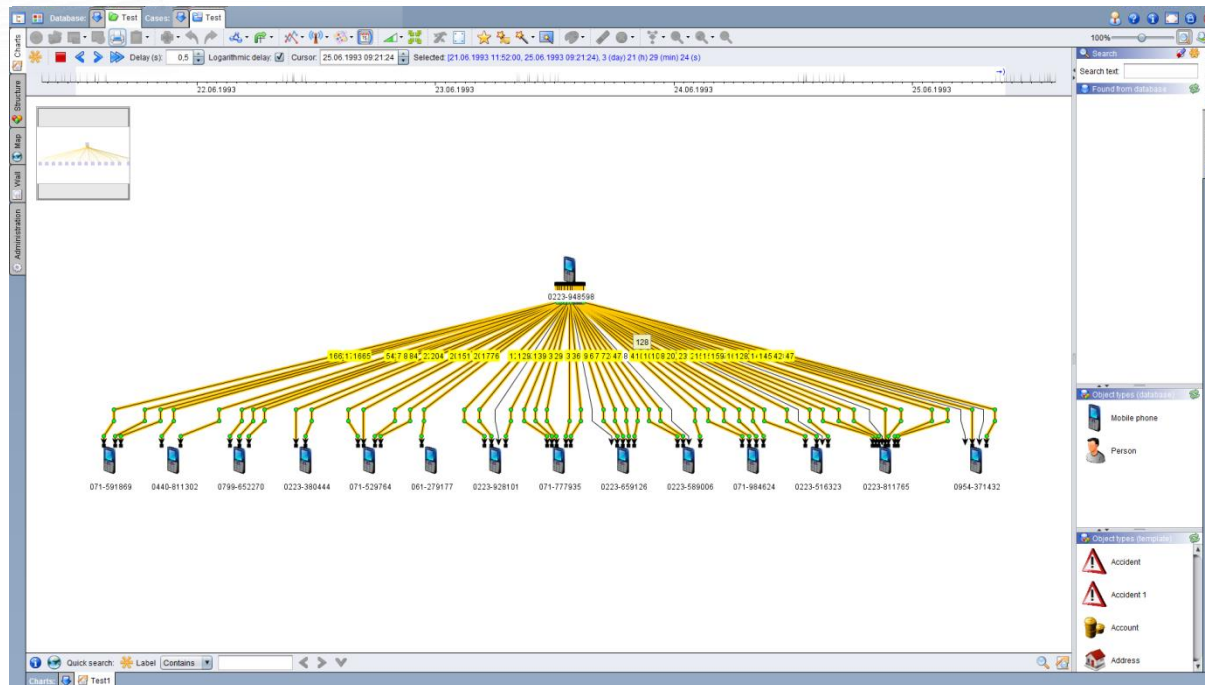


e-governance  
e-security  
e-analysis



See how links,  
transactions  
appear in time... a powerful  
Timelapse functionality

e-governance  
e-security  
e-analysis





..and turn back if  
things go wrong

e-governance  
e-security  
e-analysis

In VizKey™ there is available **undo/redo** function:

- Unlimited (until chart is saved)
- Works only for chart functions

# Something about VizKey™

e-governance  
e-security  
e-analysis

- Users don't need specific IT knowledge
- User friendly interface
- Logical and easy to use functionality
- Dialog windows for similar functions (e.g. search on chart and search from database) look similar
- Basic concept: we make it visual and intuitive

# Single or multi-users

e-governance  
e-security  
e-analysis

- Runs on different database platforms
- Runs on any operating systems
- Different user access levels
  - User(s) can create multiple VizKey databases in need for AML
  - Every database contains Cases and Charts
  - All VizKey settings are user defined





e-governance  
e-security  
e-analysis

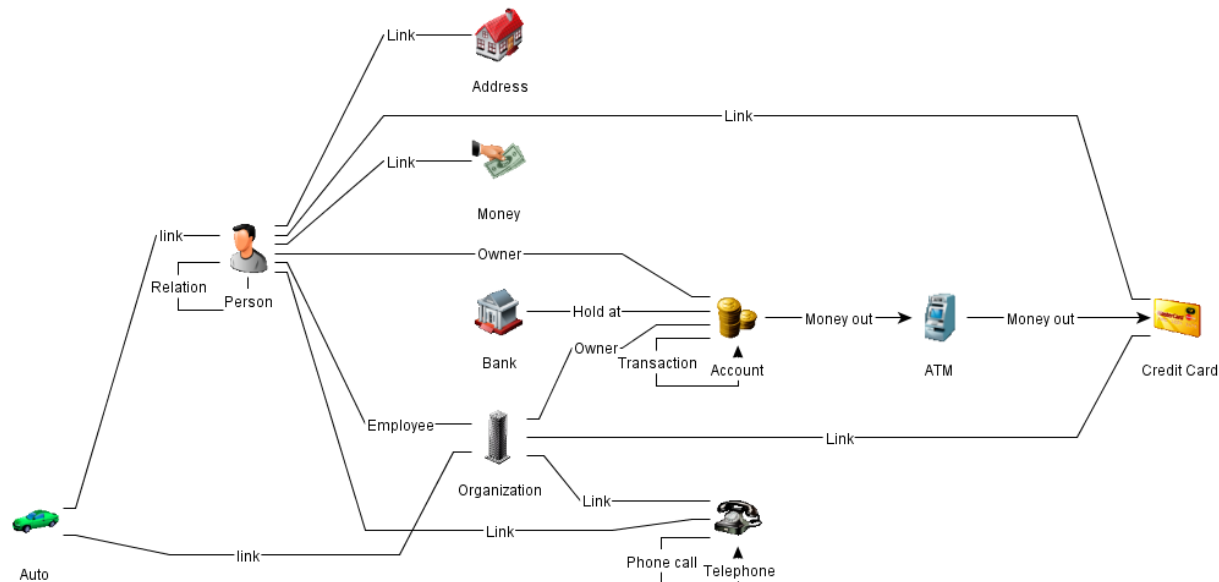
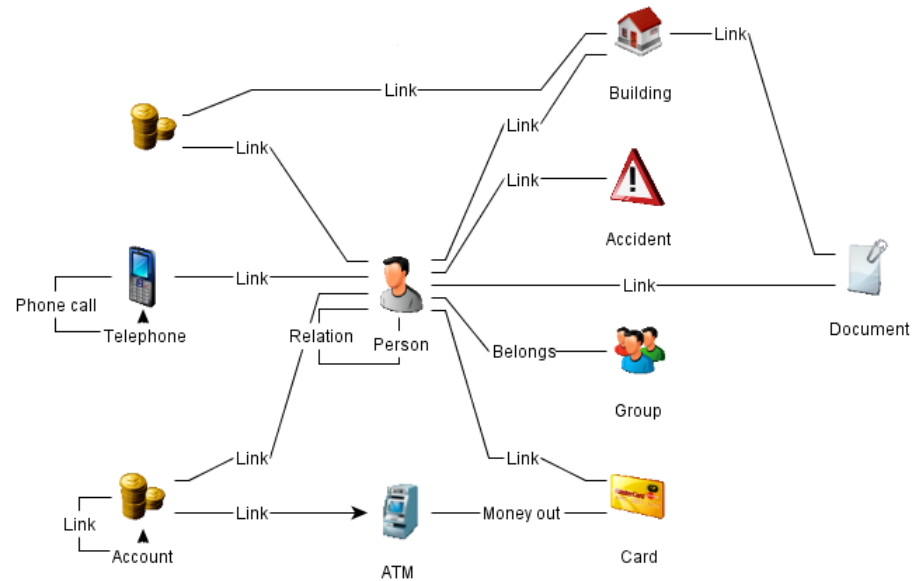
The diagram illustrates a network of data sources feeding into a central investigation node. The sources are represented by folders and icons, and the investigation node is a blue folder. Red boxes highlight specific nodes: 'Database', 'Case', and 'Chart'. Red arrows point from these highlighted nodes to the 'Investigation' node.

- Database** (Red box)
- Case** (Red box)
- Chart** (Red box)
- Investigation** (Blue folder)
- Other nodes:** VizKey (yellow folder), Drugs (green folder), Open source (green folder), All databases (yellow folder), Training (green folder), Prison register (green folder), Movement of goods (green folder), Jakarta (green folder), Phones (orange folder), People (orange folder), Gang final (orange folder).

# Scenarios:

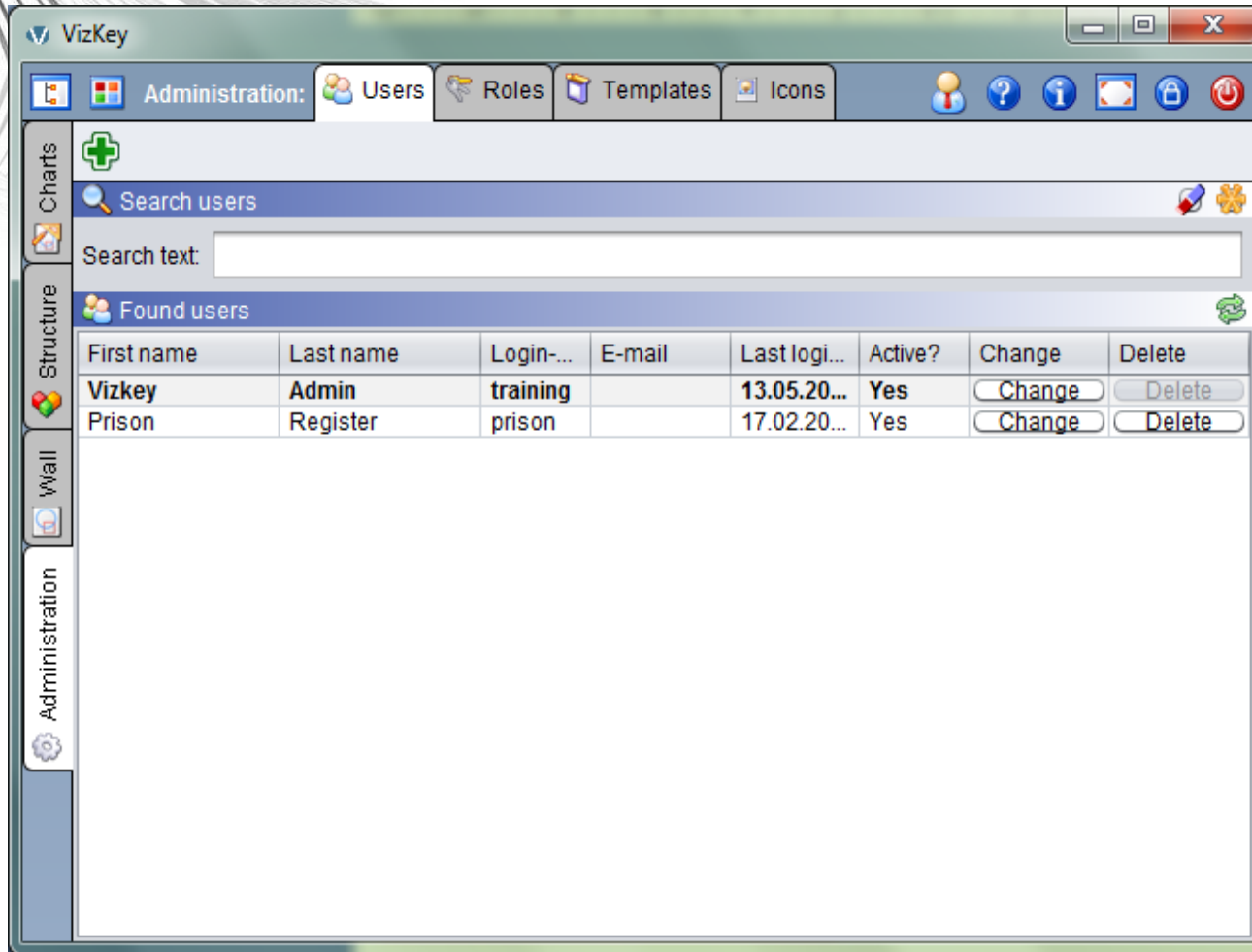
e-governance  
e-security  
e-analysis

Whatever needed  
number or structure...



# Easy to administrate

e-governance  
e-security  
e-analysis



The screenshot shows the VizKey Administration window with the 'Users' tab selected. The interface includes a search bar, a table of found users, and a sidebar with navigation options.

Administration: Users Roles Templates Icons

Search users

Search text:

Found users

First name	Last name	Login...	E-mail	Last logi...	Active?	Change	Delete
Vizkey	Admin	training		13.05.20...	Yes	<input type="button" value="Change"/>	<input type="button" value="Delete"/>
Prison	Register	prison		17.02.20...	Yes	<input type="button" value="Change"/>	<input type="button" value="Delete"/>

Charts  
Structure  
Wall  
Administration

Add users  
and their  
rights

# VizKey™ Application Benefits:

(in addition to AML)

e-governance  
e-security  
e-analysis

- All-in-one solution: no additional modules, **no additional expenses**
- **For many or one:** organizational, departmental or single-user solution
- **Easy installation**
- **Various database software, free or commercial,** can be used to run VizKey
- Intuitive and easy to use interface: **no special IT knowledge is required**
- **Flexible solution:** user defined database structure and object/relation data fields

# VizKey™ Application Benefits:

(in addition to AML)

e-governance  
e-security  
e-analysis

- **Export from** existing databases and **import to** VizKey database
- **Localized to several languages** (incl. Russian)
- **Can be customized** in accordance to organization requirements
- **Free of charge** chart viewer – to share the work results with colleagues
- **First year support** is included (new versions: upgrades, updates and technical support from local company)



e-governance  
e-security  
e-analysis

# Thank You!

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[info@vizcase.com](mailto:info@vizcase.com)