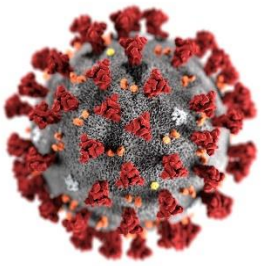


VIZKEY
THE TOOL FOR INVESTIGATORS

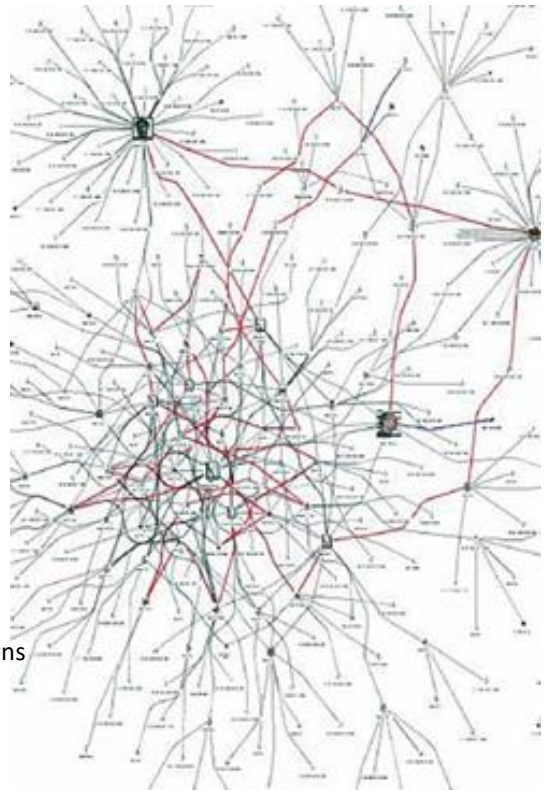
VizKey™ for COVID-19

How to see the invisible?

Is COVID-19 moving around the world carried by anybody among us? Virus spreads illness and death causing horror like terrorism. How to discover and map infected persons together with all those who are under threat of illness being in contact with them. Who has to be isolated and do they follow the rules?

These questions can be answered by analysing and working with information gathered from different sources. These might be passenger lists of flights, national registers of population and companies, schools, medical institutions, locations of isolations, social media and other appropriate data stores. The result of task-oriented data collection shows both the links and the whole picture, helping us understand the situation and to plan further actions. Monitoring of this invisible evil spread along with any related events and objects is critical in overcoming the disease. It also helps us to be better prepared for future similar crises.

VizKey™ has been used in 25 countries by law enforcement authorities, tax departments, banks, intelligence and others in fighting against terrorism, drug and human trafficking, financial fraud, intelligence, corruption etc. COVID-19 acts and spreads in many ways very similarly to crime and terrorism. VizKey™ has a proven track record of offering a tool to make the transmission investigations, contact tracing and isolation control much more effective and quicker. Both in fight against terrorism and overcoming COVID-19 being effective and quick is often the difference between life and death.



VizKey™ is the solution to analyze, investigate and map behavior of COVID-19

- Collection of information on infected persons and their contacts automatically linking data on flights, employment, schools, healthcare, isolations, social contacts and communication.
- Transmission investigations and patterns.
- Analyzing automatically the paths of virus.
- Executing efficient virus control.
- Visualizing virus patterns automatically, isolation control results, infection clusters on geographical maps.
- Depicting large amounts of information in a graphic form having ability to present infection-related charts from any external databases or imported files.

Examples of data sources

- Passenger lists (flights, cruise ships)
- Population or other similar register to establish household transmissions
- Schools, universities and employment registers
- Medical files and institutions
- Locations on map

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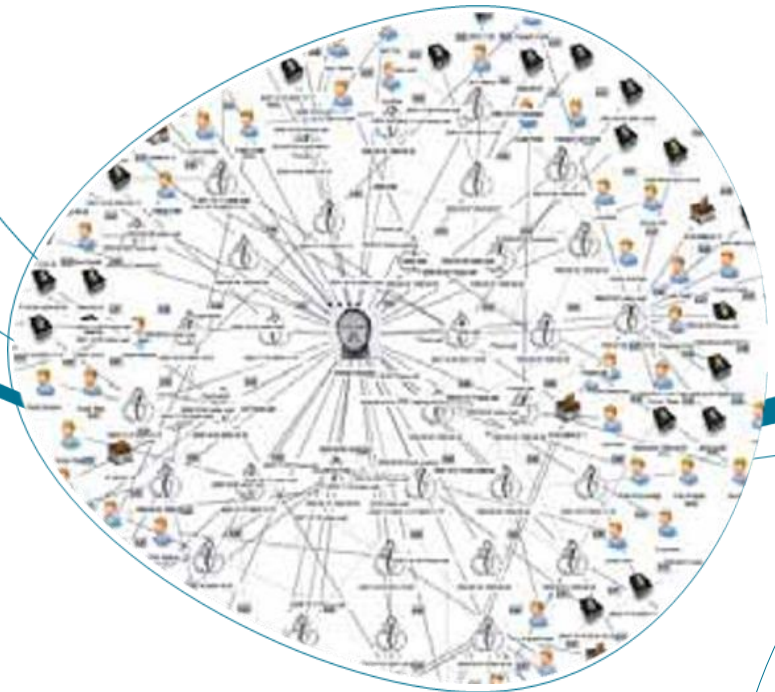
VIZKEY
THE TOOL FOR INVESTIGATORS

VizKey™ software

- Available in 7 languages (English, Spanish, Russian, Japanese, Finnish, Swedish, Estonian).
- Offers fully functional and affordable solution with short implementation period.
- Offers powerful analysis methods, including finding paths on different lengths, clusters, network analysis, finding and merge of the same kind of objects, many layouts, “hidden” links and other ways to get clear and understandable picture of the case
- Offers detailed search functions.
- Offers the possibility to depict every piece of information by a graphical element: icon (object is a picture) or link (relation) between objects.
- Compatible with all operating systems supporting Java, including Windows, Linux, Unix.
- Supports most popular database management systems - Oracle, MySQL, PostgreSQL, MariaDB, MS SQL Server.
- Does not require any special knowledge in IT by user.
- Possible to use as multi-user system with a database on a server or as a program for a single user or department.

The main features of VizKey™

Interface for creating charts and information analysis Drag and drop icons on the chart area manually and define relations between them. It´s reasonable when you need to sketch an idea and/or the amount of information you have is not too big.	**Database** Find and explore data from VizKey™ database(s). Keep collected data and combine it with recently received information. VizKey™ database can be located on server or personal PC, be part of Oracle, MS SQL or MySQL database and it has no limits.
Interface for data import Import large volumes of information from structured files. Transform a huge volume of information in graphical format within few minutes. Transfer information from multiple files into VizKey™, detect similar objects, merge them into one, clear over view of all implicit relations and activities.	**Interface for making queries from external databases** Receive information on the VizKey™ chart area from external database(s). It does not matter how information looks like in external database. On VizKey™ chart you will see the picture composed by graphic elements. Drawing the complex query by using objects and relations, define conditions to searchable elements, check the result and show it on the chart.



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