

The New Standard for Data Visualization and Analysis

Quick Start Guide





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Welcome!

Thank you very much for using Sentinel Visualizer. We hope that you find it invaluable for your data visualization and analysis needs.

We have created this Quick Start Guide to get you up and running as quickly as possible. This guide shows you how to:

- Install and start the program
- Open the sample database and view a link chart
- Run some of the visualization and analysis tools
- Create your own database and add data

Step 1: Install the Program

Your first step is to install Sentinel Visualizer. Locate and run the setup file that you downloaded to your computer. After a few moments the setup program starts:



Press the [Next] button and the License Agreement page appears.



Read the License Agreement text and press the [Yes] button.

After a moment, the Destination Location Page appears:



If you want to install the program in the default location, simply press the [Next] button. Otherwise press the [Browse] button to specify an installation directory.

After a moment, the Start Copying Files page appears. Press the [Next] button to begin the software installation process:



After installation, the setup program exits.

Step 2: Run Sentinel Visualizer

- On Windows 8 or later, go to the Start Screen and type Sentinel Visualizer 7, then press [Enter]
- On earlier versions of Windows, select the Start Menu, choose All Programs. In the folder Sentinel Visualizer 7, select Sentinel Visualizer.

Activate Your Software

Sentinel Visualizer requires activation. When you first run the software, you are asked to activate the software.

Activation and Registration	
2	Email address (required)
Sentinel Visualizer∗	I have a license License Key
FMS systems Group	I want to activate a trial
	Previous Next Cancel

You can activate the software in one of two ways:

- Licensed mode: If you have a Sentinel Visualizer serial number, enter it on this form.
- **Trial mode:** If you want to use the software for 15 days without a product serial number, choose this option.

Enter your email address and press [Next].

An active internet connection is required for the activation process. If you do not have an active internet connection please contact support@fmsasg.com.

After a moment, Activation confirmation screen is displayed:

Activation and Registration	
5	Congratulations. Sentinel Visualizer is now activated.
Sentinel Visualizer	
FMS systems Group	
	Previous Finish Cancel

Select [Finish] and the Sentinel Visualizer program starts and the Welcome Page appears:



For our first look at Sentinel Visualizer, we'll use the sample database installed with the program. Choose the [Open an existing Sentinel Visualizer database] option. After a moment, the Open Database form appears:

Server	Database	Last Opened
Remove		Select Other Open

Since you haven't opened any databases yet, your list is empty. Press the [Select Other...] button. This brings up a page where you can select a database server and a database:

Open Database Select a SQL Server from the list and click the [List Databases] button. My Databases Databases:			
My Databases List Databases	Open Database		
	Select a SQL Server from the list and click the [List Datab	ases] button.	
Databases:	My Databases	•	List Databases
	Databases:		
	-		
< Back Next >		< Back	Next >
Cancel			Cancel

The My Databases server is already selected for you. My Databases is a collection of databases stored on your local computer, and includes the Sentinel Visualizer sample database. Press the [List Databases] button. After a moment, the sample database shows up in the list:

Open Database		
Select a SQL Server from the list and click the	[List Databases] butto	n.
My Databases	•	List Databases
Databases:		
FraudSample		
	< Back	Next >
		Cancel

Select the FraudSample item and press then [Next] button. Sentinel Visualizer opens the sample database and shows the Main Form.

Step 3: Use the Visualizer

The Main Form in Sentinel Visualizer is where you access data, use visualizations, perform analysis and access all of program's features.



Press the [Visualizer] button on the Start Page:

After a moment, the Visualizer form appears:

🔕 Sentinel Vi	sualizer 7.0 User: Adm	nin (Admin User) -	[Visualizer]					_ D <mark>×</mark>
🛃 File Viev	v Window Help							_ @ ×
3	Save Save As Get E		😑 🗙 Collapse Delete	E D Back Forward	Coor Layout Zoor	n •	Output Filtered Unlin	
Network GIS	Timeline				👌 🕨 🗛 🛛	tems		7
	<u> </u>					New Entity Draw Relations	hips	Add It Grad
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					Ba	ink Account	Buyer	clu Navig]
Network Metric	s					<u> </u>		
Calculate	CardView	TableVi	ew	🔲 Group area				
Name	Туре	Degree	Betweenness	Closeness	Eigenvalue	Hub	Authority	Weight
•		III						Þ
Network Metri	cs Details Time Range	Unsaved						
🔍 🂡 Start	Page 🛃 Visualizer							4 ۵
Entity Count: (Relationship Count:	User: Admin Edi	tion: Enterprise - Tri	ial: 218 days remai	ning Server: SE	NTINELHELF	FIL\SENT4EXPRESS Data	base: FraudSample
			ę	*				

Press the [Get Entity] button on the toolbar Get Entity

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The Entity Picker form ap	pears. You use this form t	to choose an entit	y from the sample database.

😴 Entity Pi	icker						X
Search Ass	ist I		•	Search 🔫	Advanced Searc	h 😏	
🔘 CardVie	w 💿 TableVi	ew 📃 Group area	Images	Expand group	os <u>Collapse grou</u>	<u>os</u>	
Accuracy	Found In	Entity Name		Entity Type	Entity Status	Weight	Value
Status: read	u for coardt	m					۱.
otatus; read	y for search.						
						ОК	Cancel

In the white box next to Search Assist, type in: **Brian** and press the [Search] button. Sentinel Visualizer searches the sample database and finds all exact and close matches:

😴 Entity Pi	cker								×
Search Ass	ist brian		•	Sear	rch 🔽	Advanced Searc	-h 😏		
🔘 CardViev	w 💿 TableVi	ew 📃 Group area	📃 Images		Expand group	os <u>Collapse grou</u>	<u>DS</u>		
Accuracy	Found In	Entity Name		-	Entity Type	Entity Status	Weight	Value	
100%	Metadata,	Brian			Person	Active	50		
•		III							÷.
Status: 1 ma	tch found M	ode: Normal Search	Elapsed time: 1 second	ł					
							ок	Car	ncel

Select the Brian entry by clicking on it and then press the [OK] button.

The Visualizer Form now shows the entity you selected:

🔕 Sentii	nel Visual	izer 7.0 U	ser: Admin (Adr	nin User) - [V	'isualizer]									x
🛃 File	View \	Window	Help										- 8	×
3	·		8 °	र्षु Get Links ँ (😑 🗙 Collapse Dele			🛟 Layout	• Zoor	n 🔹		🎸 🐝 tered Unlinked	S Entity	
Network	GIS T	imeline						4 ۵	Add I	tems				4
				€ Brian					Ai	New Entity Draw Relation:	Attende Buyer			Add It Gradi Visua Declu Navig
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Name	Туре	Degree	Betweenness	Closeness	Eigenvalue	Hub	Authority	Weight	Value	In-Degree	Out-Degree	Calculated Weigh	it Value	Ne
Brian	Person	0	0	0	0	0	0	50	0	0	0	0		0
 Network 	Metrics	Details Tim	e Range Unsave	d										4
10	Start Pag	e 🖪 Vi	sualizer						_					4 Þ
				Admin Editio	on: Enterprise	- Trial:	218 days rer	naining S	Server: SE	NTINELHELF	FIL\SENT4EXF	RESS Database: F	raudSam	nple

You will also notice that the entity has a [+] sign next to it. This means that there are more entities linked to Brian. Click on the [+] symbol.



Sentinel Visualizer has now queried the sample database and located all other entity data that is connected within one degree to Brian. The results are displayed on the screen as a link chart.

Now click on the [+] symbol next to the 'Store – 1240'entity. Then click on the Zoom arrow on the toolbar and select Fit to Page. This will make it easier to see entity and relationship information on the link chart.



Click the [Save] button on the toolbar. The Save Dialog appears:

🚳 Sentinel Visualizer 7.0 L	Jser: Admin (Admin User) - [Visualizer]	
🖪 Save Network		
📝 Save diagram	Private Diagram	
Title:		
Created by:	Created on:	
Modified by:	Modified on:	
Description:		
Tahoma 🔹 8	- <u>A</u> - B / U 🔳 🗏 🗄 🛱 🛱 🖤	
Save all new items to data	abase Topic Default	•
Unsaved:		
	Entity Type	
	паутуре	
	ОК	Cancel

In the Title, type in My First Link Chart and press the [OK] button. Your link chart is now saved and you can open it at any time by starting the Visualizer form and pressing the [Open] button on the toolbar.

Going Further

- Experiment with moving entities around on the screen.
- Use the Get Links button or the [+] symbol to add more entities to the view.
- Press the down arrow button next to the Layout button on the toolbar and try out different layout options.
- Click on the Navigator tab to see a "small" view of the network. Click inside the Navigator window and then hold down the [Ctrl] key on your keyboard and zoom in and out with the mouse wheel.
- Click on the GIS tab to see a map view of your data.

Don't be afraid to explore!

Next Steps

After you have run through this brief introduction to Sentinel Visualizer, please be sure to read the User Guide and make use of the online help file at any time by pressing the [F1] key.

Getting Support

If you have any questions regarding Sentinel Visualizer, we are here to help. Please visit <u>www.fmsasg.com/support</u>, or send an email to <u>support@fmsasg.com</u>.