

ECRI Announces 2020 Product Releases

ECRI has introduced new versions of the Rigel software for 2020, with important new features as described in this announcement.

ECRI enhances the Rigel software products continuously throughout the year, increasing performance, updating support for existing and new external interfaces, improving the user interface, and fixing any problems discovered. All Rigel products share some common code base, so the applicable improvements are common to all products.

Users have the option to check for updates automatically or manually. Customers on software maintenance can download free updates at any time.

Most minor changes will increment only the software build number that appears in the program About box, but each year the main software version number is incremented to denote more significant changes.

New product versions for 2020:

- Rigel Workstation 2.6
- Rigel Analyst 12.7
- Rigel CIW 1.5
- Gemini 2.6

Significant updates from 2019:

- Geocoding Update
- Scenario Creation Wizard
- Network Licensing Server
- Travel Time Analyzer
- Unified Crime Types and Crime Locations

Compatibility

ECRI's current Rigel products are compatible with all versions of Windows from Windows 7 through the latest version of Windows 10, 32 and 64-bit versions, and will also run on some Windows emulators (such as Parallels Desktop for MacOS).

Rigel relies on various external mapping services to provide background maps and geocoding, and these have seen substantial change over time. In particular please note that Google now requires the user to have a Google Maps authorization and billing code. ECRI provides this automatically for customers on software maintenance, and users also have the option to obtain and provide their own authorization code independently. Use of ESRI ArcMap requires the user to have a local runtime license. OpenStreetMaps is now supported as a free alternative both for online use and with a local map server.

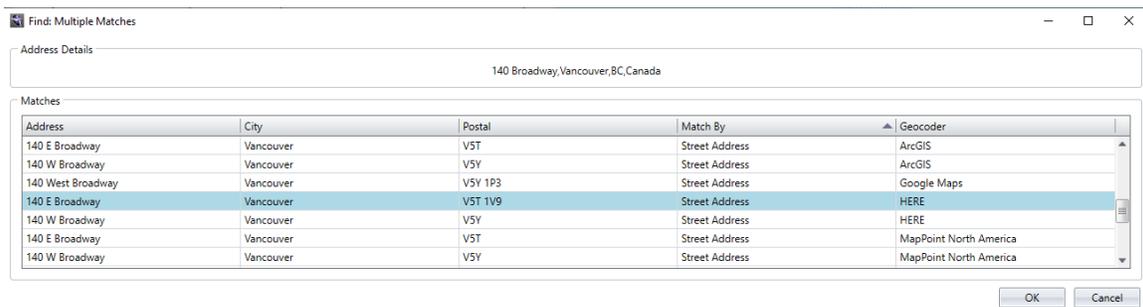
Geocoding Update

With recent changes to the licensing and pricing models for geocoding services from Google, ESRI and other service providers, ECRI is expanding options for customers so that they can continue to have access to reliable and accurate geocoding results for their address locations.

Customers that are on software maintenance have free access to both Google Maps and HERE geocoding services provided by ECRI.

For customers who have their own ESRI ArcGIS Enterprise server, they will be able to connect Rigel to use that service. ESRI still allows access to their online geocoding service, but have placed new licensing restrictions on it to prevent routine use by third parties.

All customers will continue to have access to MapPoint (only if they have the MapPoint application) and Open Street Map geocoding services.



Mutli-option Geocoding

Rigel now provides access to a wide range of geocoding options that enables our customers to obtain more accurate results for their address locations by being able to compare and choose the most reliable geocoder for a particular region.

Scenario Creation Wizard

In addition to the traditional Expert System provided in Rigel which creates a scenario based on the geographic profiling principles of time and space, Rigel now has another scenario creation wizard that creates scenarios based on time of day. This allows analysts to easily create scenarios for their analysis based on time patterns.

Crime Num	Crime Type	Crime Location	Date + Time	Day of Week	Address	Latitude	Longitude	Comments
12	Commercial Robbery	Commercial Robbery	09/09/2002	Monday	2431 Burrard St	49.2640700	-123.1440000	
19	Commercial Robbery	Commercial Robbery	23/09/2002	Monday	7336 Fraser St	49.2181800	-123.0900000	
23	Commercial Robbery	Commercial Robbery	30/09/2002	Monday	2455 E Hastings St	49.2814700	-123.0540000	
7	Commercial Robbery	Commercial Robbery	26/08/2002	Monday	5435 Main St	49.2366700	-123.1000000	
8	Commercial Robbery	Commercial Robbery	02/09/2002	Monday	2508 Fraser St	49.2627400	-123.0880000	
9	Commercial Robbery	Commercial Robbery	02/09/2002	Monday	Beatrice St	49.2318100	-123.0640000	
1	Commercial Robbery	Commercial Robbery	13/08/2002	Tuesday	8167 Cambie St	49.2106300	-123.1160000	
13	Commercial Robbery	Commercial Robbery	10/09/2002	Tuesday	8167 Cambie St	49.2106300	-123.1160000	
28	Commercial Robbery	Commercial Robbery	16/10/2002	Wednesday	551 W 14 Ave	49.2591300	-123.1160000	

Search completed - 24 crimes included and 8 crimes excluded.

New Scenario From Symbology

Name:

Symbology:

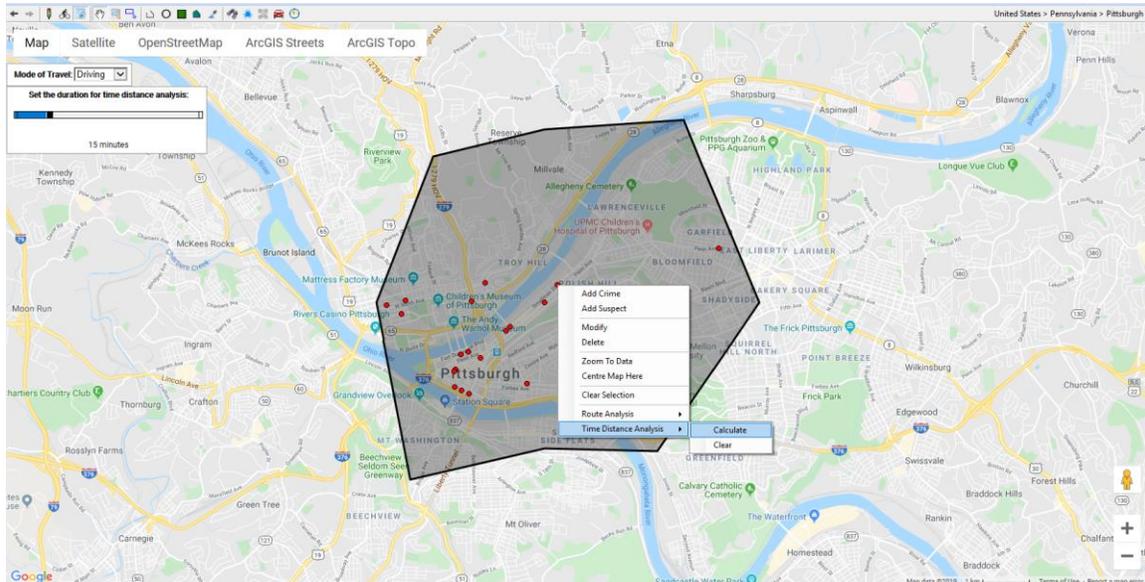
- (Select All)
- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

OK Cancel

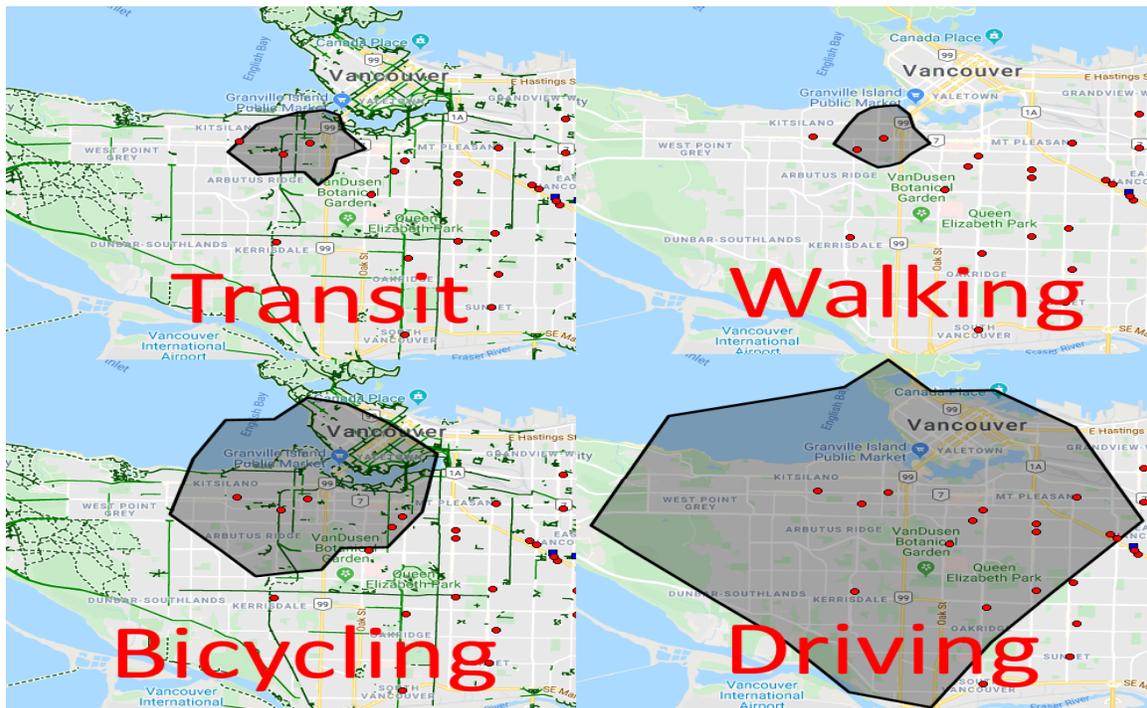
Scenario Symbology Created Day of Week View

Travel Time Analyzer

Rigel now supports isochrone map analysis, which is an analysis on how far a suspect can travel from a starting point in a particular amount of time. Isochrone maps can be created based on different modes of travel including foot, bicycle, transit and motor vehicle. This output is useful for analysts in determining the mode of the travel by the suspect or determining the patrol options based on the geographic profile.



Drive Time Zone



Travel time zones for different modes of travel

Unified Crime Types and Crime Locations

Rigel now has an updated list of crime types and crime locations agreed upon by both the Geographic Profiler and Geographic Profiling Analyst community that will be used in all versions of Rigel.

Network Licensing Server

Rigel now supports an additional licensing option for network users that does not involve a hardware USB key. With network servers continually moving toward a virtualized environment the hardware USB key required for network licensing currently is becoming problematic. Rigel now has a new software licensing server that can be installed on a virtual server and will continue to provide secure access to our Rigel client software.

For More Information

Product comparison: <http://ecricanada.com/Products>

A full set of video tutorials for Rigel Workstation and Rigel Analyst are available online:

<http://rigelanalyst.net/RWDemo>

<http://rigelanalyst.net/RADemo>