ECRI Announces 2021 Product Releases

ECRI has announced version updates of the Rigel software for 2021, with important new features as described in these release notes.

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.
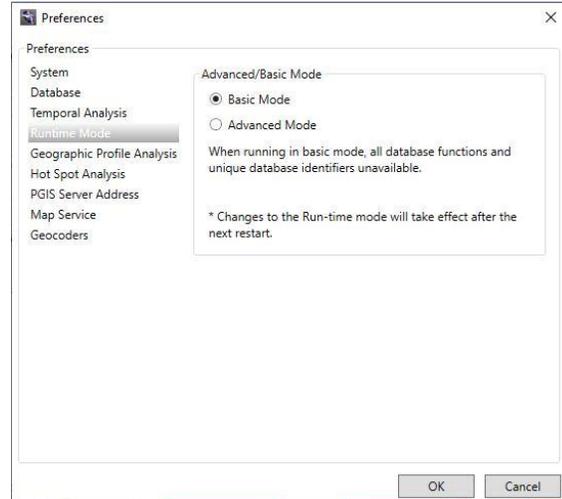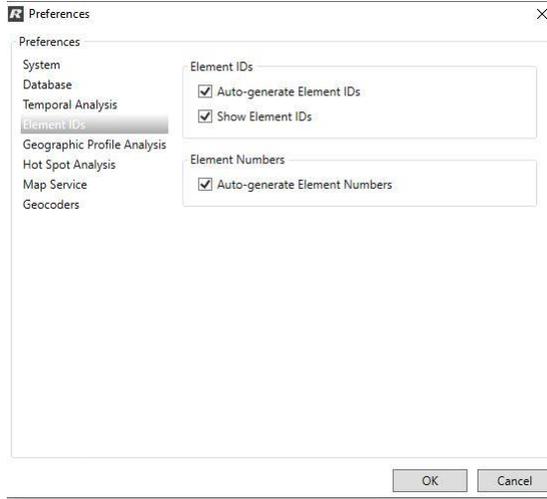
New product versions for 2021:

- Rigel Workstation 2.7
- Rigel Analyst 12.8
- Rigel CIW 1.6
- Gemini 2.7

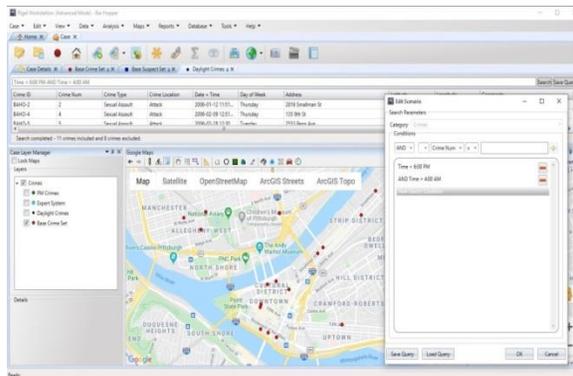Significant updates for 2021:

- Basic/Advanced Mode for Rigel Workstation
- Internet license verification for keyless single-user licenses
- New Google Maps measurement tool
- New geocoding service options
- New scenario statistics comparison
- Extended Scenario Comments
- Extended multi-language support

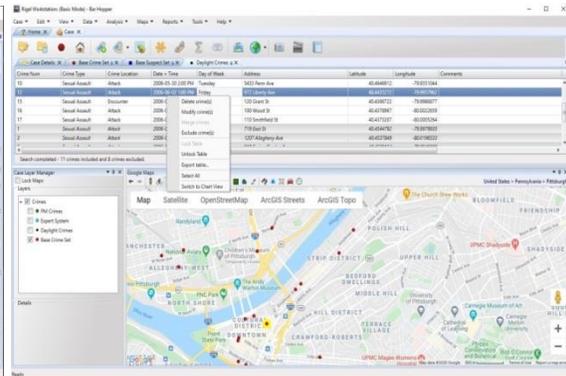# Basic/Advanced Mode for Rigel Workstation and CIW

Rigel Workstation and CIW contain some advanced features designed for working with large crime and suspect data sets, and linking crimes across multiple cases. Users working on a single isolated case sometimes find that the advanced functions complicate the user interface when not required for their purpose. Rigel now provides a Basic/Advanced Mode selection under Preferences to help with this. In Basic mode cases always open to the simplified standard Geographic Profiling layout, menus are simplified, and global crime/suspect IDs are hidden in favor of sequential crime and suspect numbers local to the case. Users can switch back and forth between Basic and Advanced mode at any time.
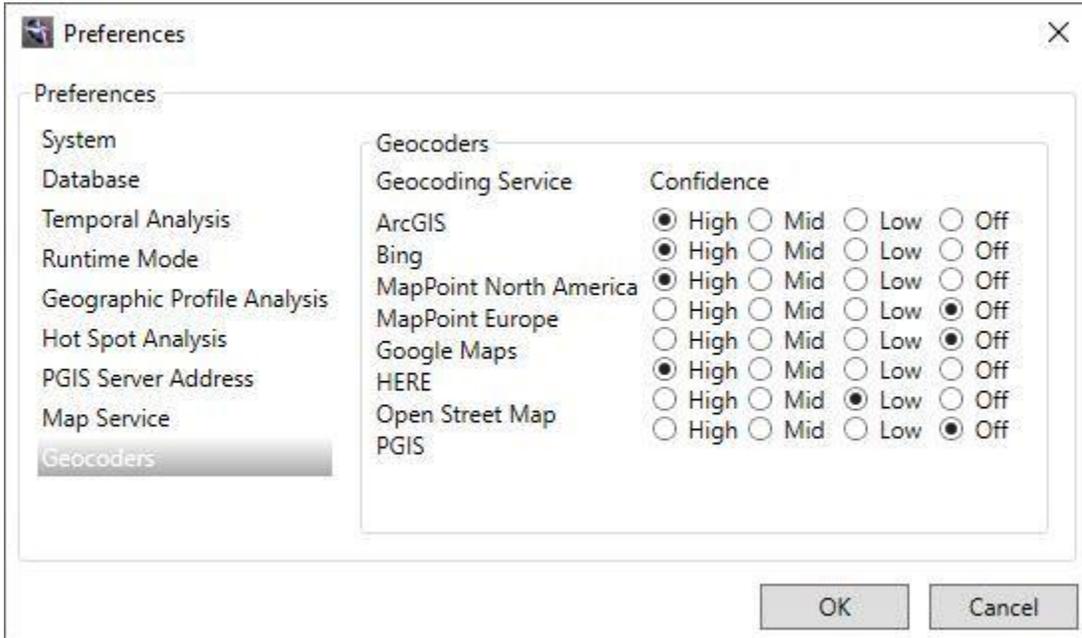

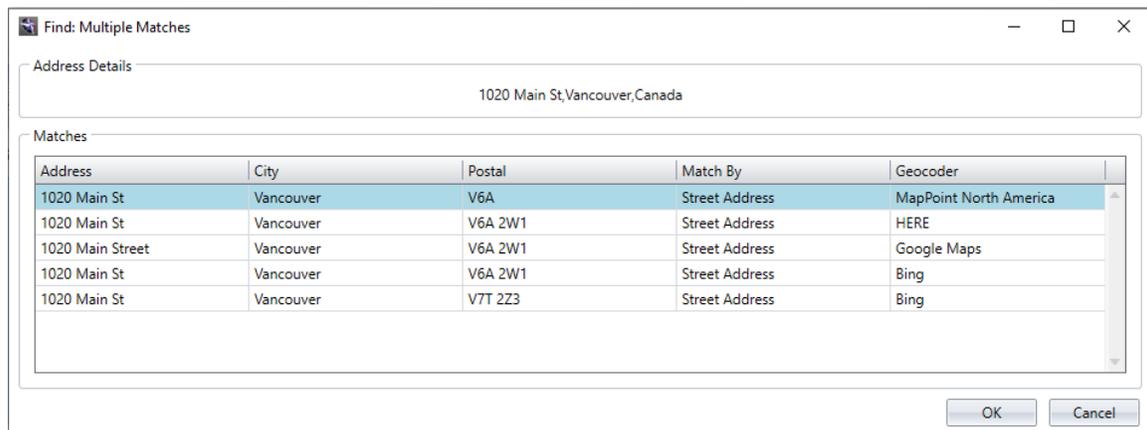| Advanced	Basic

New Single-User Internet Licensing System

Rigel single-user systems have always used the HASP USB key for licensing, which has the advantages of being secure, easily portable, and not requiring internet access. For those who prefer not to deal with a physical key, Rigel now offers the option of internet licensing, where the software checks with an ECRI license server over the internet to verify the license rather than checking a local physical USB key. The license is allowed to operate for 30 days between successful checks, allowing it to be used temporarily in secure environments with no internet connectivity. Please contact ECRI if you want to switch an existing Rigel license.

New Geocoding Alternative: Bing Maps Geocoding

Rigel now supports a new optional geocoding capability using Microsoft Bing Maps. In addition a Microsoft Maps database can be downloaded to local storage (Windows 10 only) to allow geocoding data locally on your machine rather than using internet services.
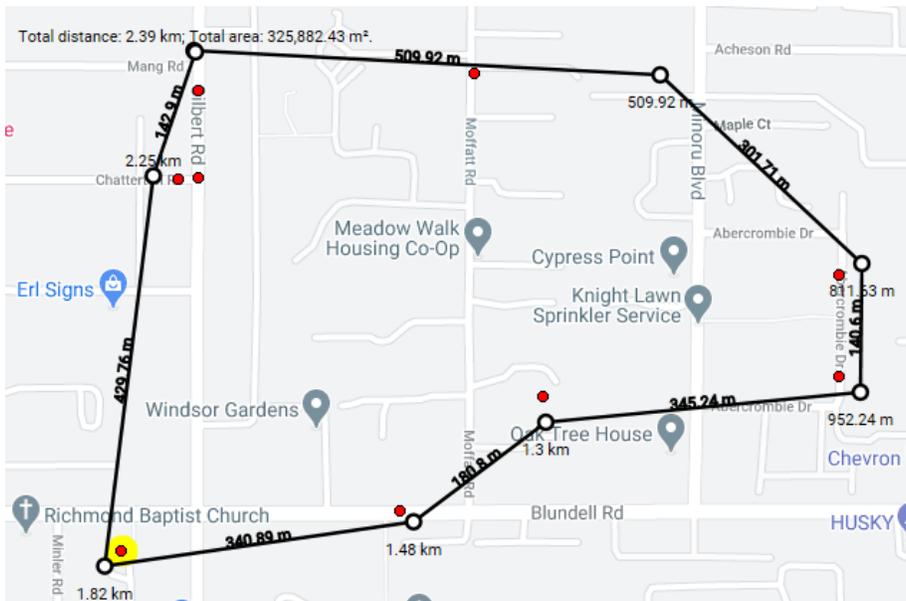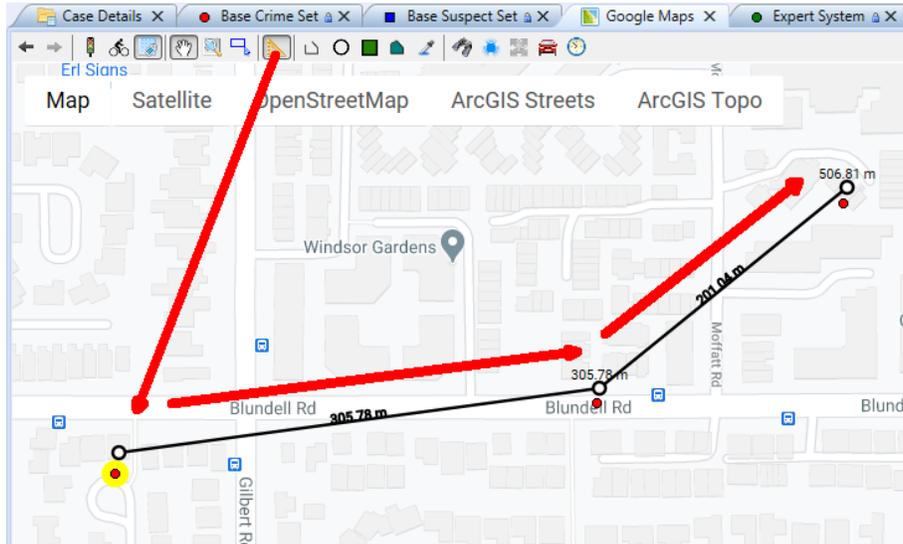

Geocoding Preferences

Combined Geocoding Results from Multiple Geocoders

Google Maps Measuring Tool

A handy feature for geographic profiling provided by some mapping systems is the ability to click and drag on the map to measure a straight-line distance, or to draw a closed polygon to measure the area enclosed. This feature has been missing from Google Maps until now. Rigel has added a measurement tool on the Google Maps toolbar to allow distance and area measurement by drawing on the map.
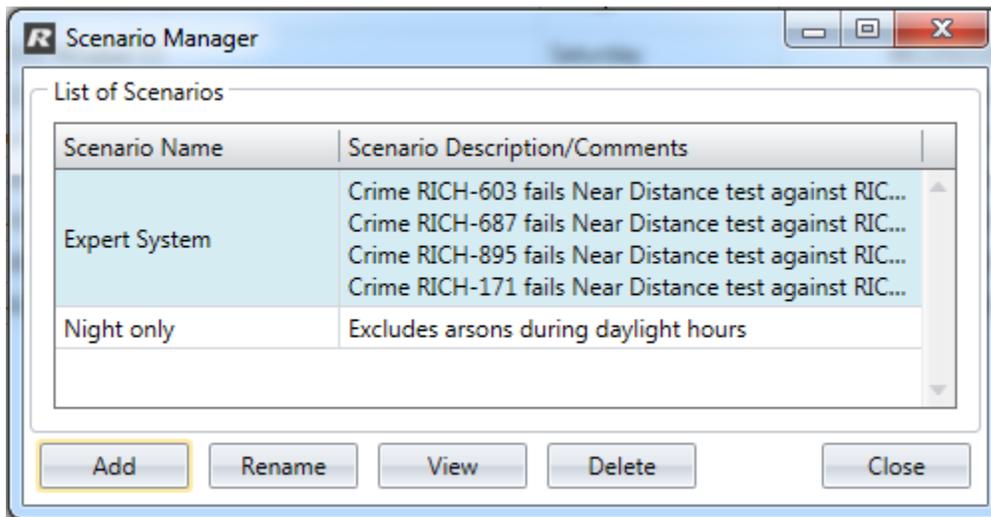

New Distance/Area Measuring Tool for Google Maps

Scenario Manager

The updated Scenario Manager is now able to provide the analyst the ability to compare scenarios and to save descriptive comments for each scenario created.

Scenario Comments

Rigel provides the ability for the analyst to enter descriptive comments for each scenario created, using the Scenario Manager available from the toolbar or the menu under Data – Crimes – Scenario Manager.

Rigel Scenario Manager

When the Expert System is used to create a scenario, the specifics of the crimes excluded by the Expert System and the reasons why are given in the Scenario comments.

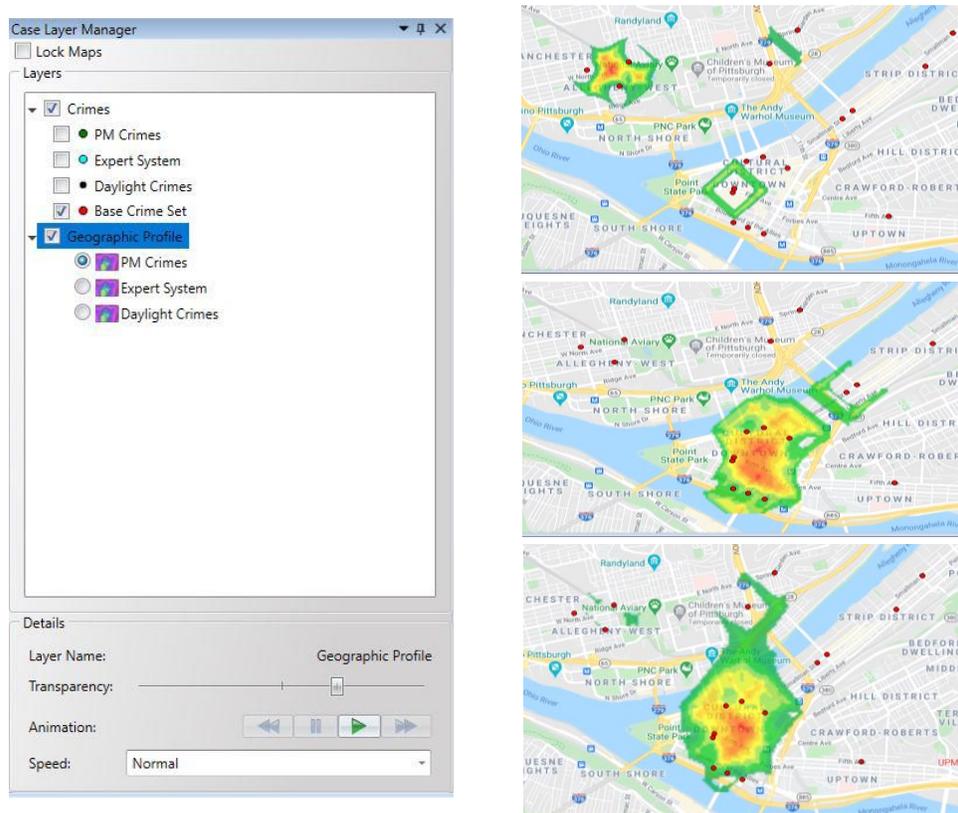The Scenario comments are now saved with the case.

Scenario Statistics Comparison

The new Scenario Statistics Comparison provides a comparison of the geographic profile statistics of multiple scenarios, allowing the analyst to more easily compare alternative scenarios.

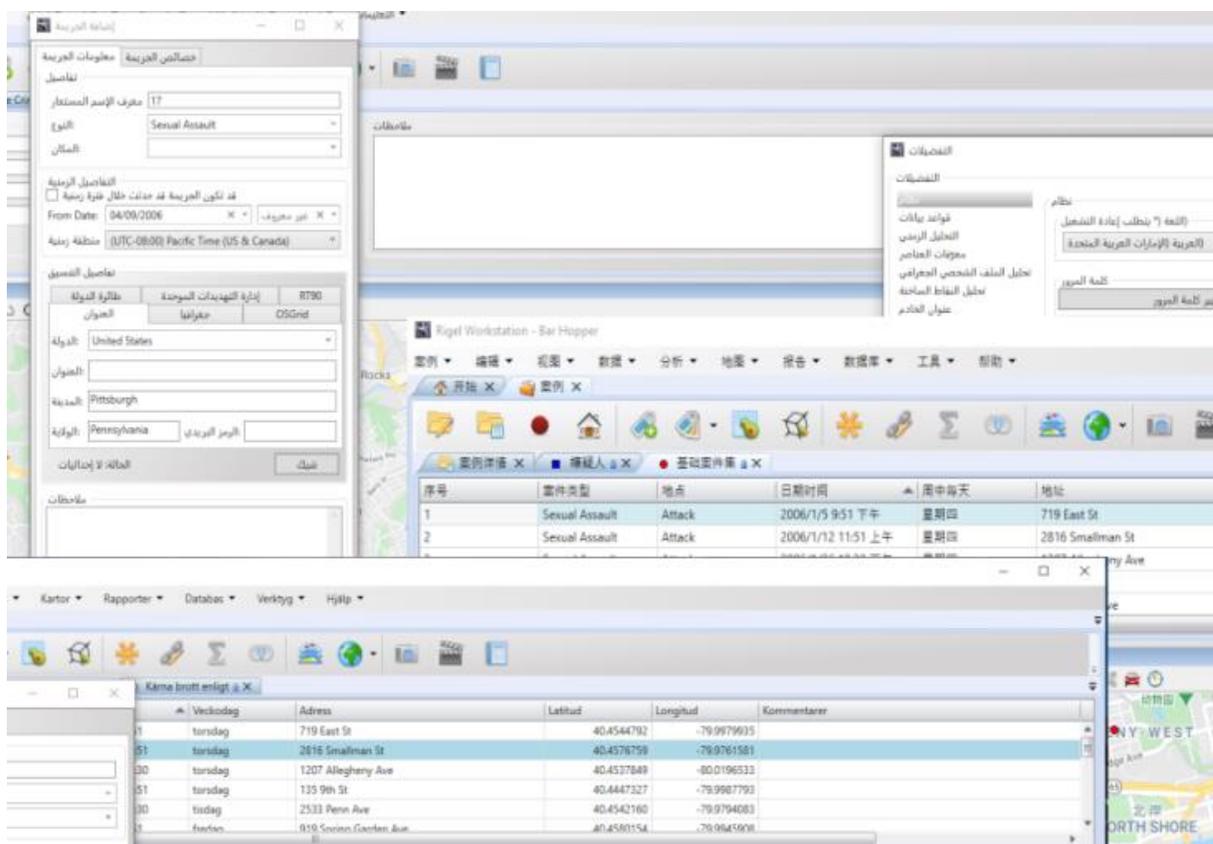**Scenario Statistics Comparison**

At the same time the analyst can compare the appearance of the geoprofile for each scenario by generating a geoprofile for each and then clicking on the one to display in the Case Layers Manager window.

Layer Manager Window with Multiple Scenarios

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Extended Multi-language Support

Rigel now extends multi-language support for more languages, including additional non-Latin languages such as Arabic. Custom translation is an option for any language via separate language files containing all words and phrases used in the user interface.

Rigel in multiple languages (Arabic, Chinese, Swedish)

For More Information

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

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

http://rigelanalyst.net/RWDemo
http://rigelanalyst.net/RADemo