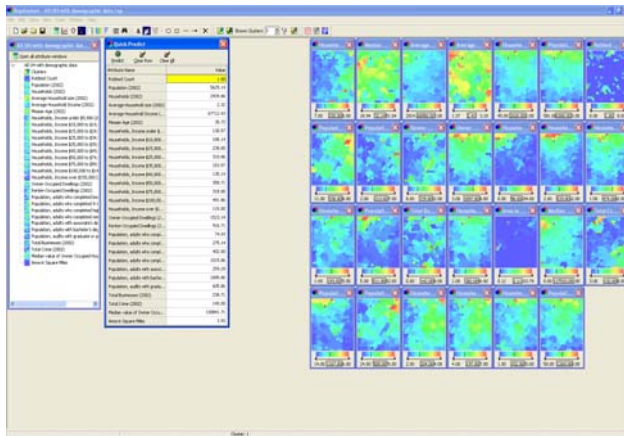


Raptor International helps organizations make informed decisions about future outcomes, behavior or risk based on existing data. Our flagship application, RapAnalyst™, employs advanced artificial intelligence to go beyond data mining into predictive analytics. Using a proven approach to reveal relationships between new and historical data, RapAnalyst creates dynamic predictive models that are both accurate and flexible. By considering all variables in a data set at a precise level, RapAnalyst provides decision-makers with reliable predictions that are based on all available variables, processes, events or functions.

The core technology of RapAnalyst is based on a sophisticated type of neural network called a Self Organizing Map. Neural networks simulate the operation of a human brain. This technology is particularly good at organizing data, delineating logical categories, finding hidden or obscure relationships within data, and predicting future trends based upon historical data. Taking this notion one step farther, a Self Organizing Map (SOM) reduces high-dimensional data (containing a large number of variables) into logically organized, two-dimensional visual representations.



RapAnalyst uses AI technology to represent data visually.

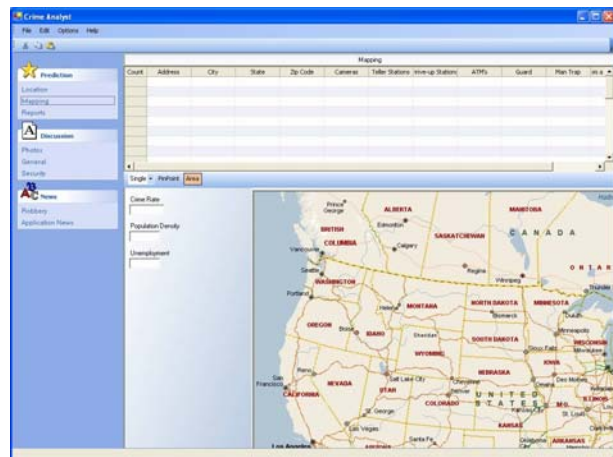
A SOM plots data similarities by grouping records together into nodes. Extremely similar data may be stored in the same node while somewhat similar data may be stored in neighboring nodes and very dissimilar data may be stored in nodes far apart. In addition, similar neighboring nodes will be clustered together into logical groups. The SOM can be displayed visually, much like a topographical map. This unique visual output allows individuals to quickly identify trends and key drivers.

RapAnalyst uses its SOM to organize and recognize patterns in data while automatically developing a highly accurate predictive model. Predictions can then be made based on similarities between the model and new data.

RapAnalyst Development Kit

The RapAnalyst development kit, RapDK, allows Raptor to adapt neural net SOM technology to specific predictive analytic applications. RapDK includes COM Server functionality, enabling rapid development of custom applications, tools, and plug-ins for third-party applications. Utilizing standard programming languages, such as Visual Basic, C++ or Java, any developer can leverage the powerful data mining and predictive capabilities of Raptor's technology.

RapDK can aid in the development of automated data collection capabilities including formatting, routing and output. RapDK also provides seamless integration with common desktop applications, such as Microsoft Office, Crystal Reports, common web based tools and more.



RapDK integrates SOM technology into custom applications