

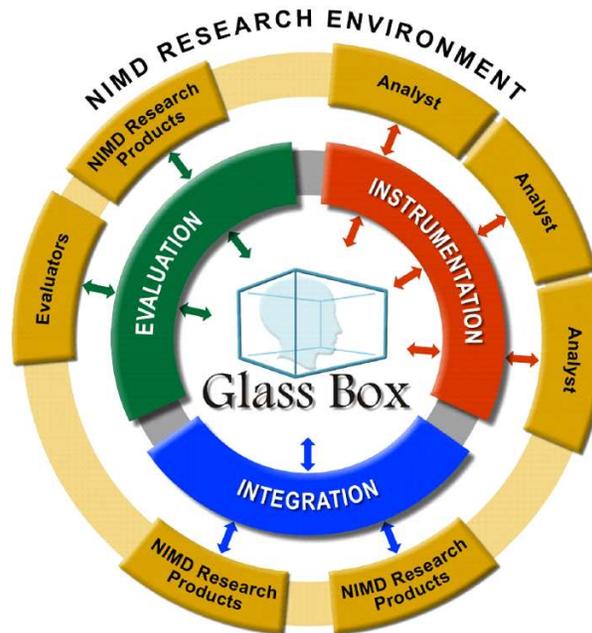
The Glass Box offers a unique environment to support research, development and evaluation of software products used by workers performing real computer-based tasks. The Glass Box instrumentation and software provide capabilities for:

- **Automated data capture**—time stamped activities such as browser/query events; active applications; files saved; text copied/pasted; keyboard/mouse data; and screen captures.
- **Analyst annotations**—notes to provide insight into the analysts' plans, strategies, what they deem relevant or important, and to document offline activities.
- **Data review functions**—tools for researchers to aid in viewing and filtering the data.
- **Application Programming Interface**—enabling NIMD products to communicate and to retrieve, store, and share Glass Box data.
- **Test Bed environment**—Glass Box serves as a test bed for integrating and evaluating NIMD tools.

Current efforts are focused on:

- Improved data and software distribution
- Training for analysts, researchers, and testbed integrators
- Development of a web-services architecture to facilitate integration across wide area networks and firewall boundaries while reducing the resource footprint on analyst workstations.

Continued enhancement of the Glass Box capabilities will help realize ARDA's vision of an intelligent, mixed-initiative environment that assists analysts in performing IA tasks.



The Glass Box is a NIMD "hub" project

If you are interested in finding out more about obtaining Glass Box software or data, contact:

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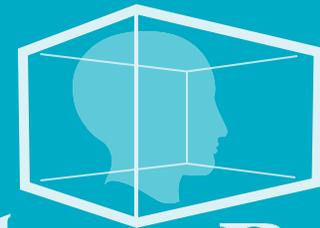
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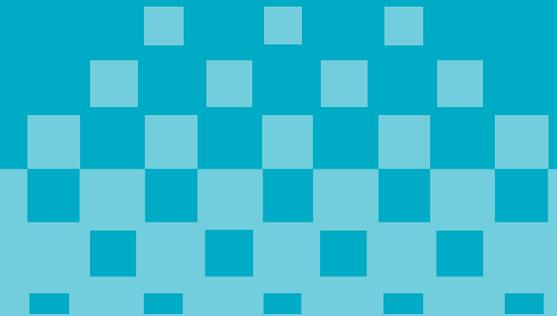
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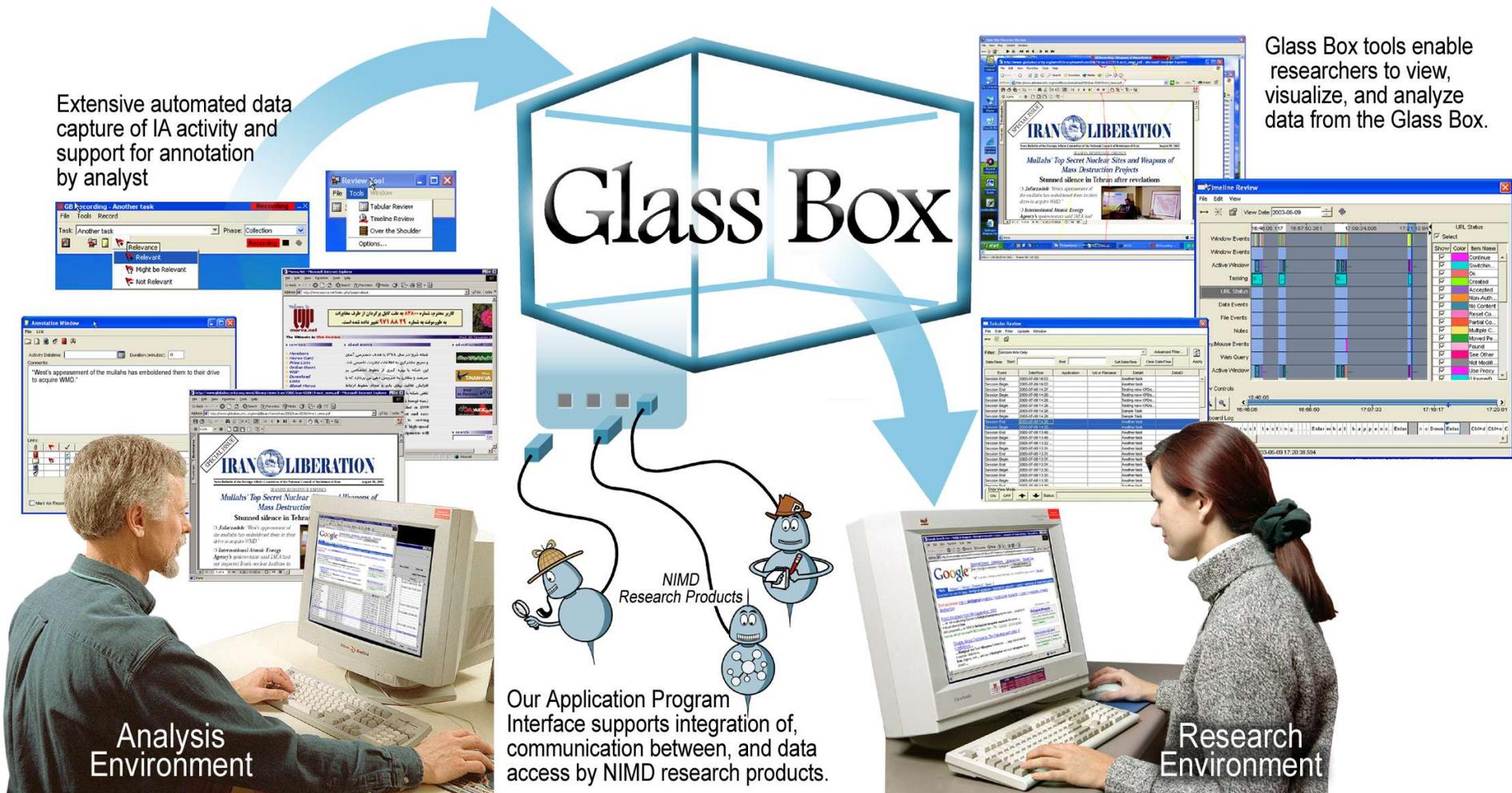
The Glass Box is an innovative computer-based research environment that monitors and captures data on the analytic process from analysts engaged in real intelligence analysis (IA) activities, with the aim of supporting research leading to the development of more effective tools for the intelligence community.

As part of the Advanced Research and Development Activity's (ARDA) Novel Intelligence from Massive Data (NIMD) Program, the Glass Box project is being funded by the Department of Defense and conducted by Battelle Memorial Institute. Battelle develops and continually enhances Glass Box software that collects data on IA activities and facilitates its analysis and visualization by researchers.

Battelle analysts are approaching the end of a second year performing open-source analysis in a Glass Box

environment and have generated a large amount of data that has been captured by the Glass Box instrumentation.

The data and software are distributed to the NIMD research community and ARDA-approved non-NIMD researchers. Researchers are using the data and the software to increase their understanding of the analysis process and to support novel research and development. The Glass Box also assists researchers in evaluating technical applications.



Extensive automated data capture of IA activity and support for annotation by analyst

Glass Box tools enable researchers to view, visualize, and analyze data from the Glass Box.

Analysis Environment

Our Application Program Interface supports integration of, communication between, and data access by NIMD research products.

Research Environment