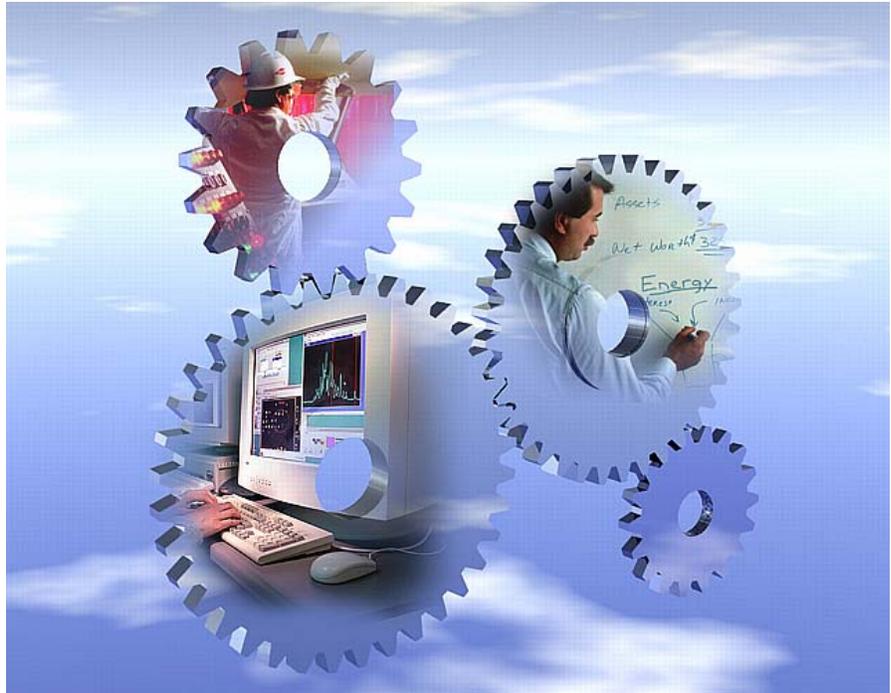


Mozart™ —A Genius at Assessing Your Web Site



Mozart™ is an independent software utility that will assess a web site automatically by incorporating Internet site harvesting, characterization, link visualization, and complete analysis functionality.



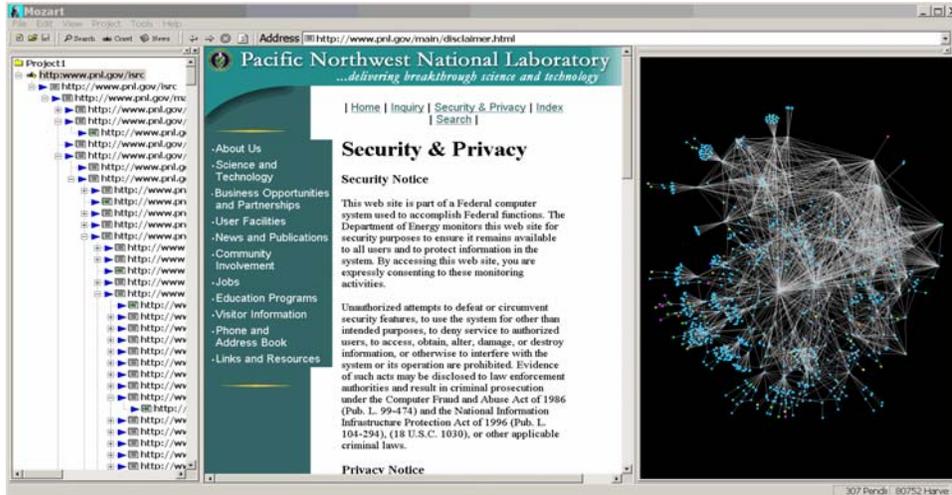
Mozart™, developed by researchers at the Pacific Northwest National Laboratory, can be used by private industry or government agencies to assess their external or internal web sites for sensitive information.

Security experts agree that the Internet provides our adversaries with a potent instrument to obtain, correlate, and evaluate an unprecedented volume of aggregated information on business, government, and private activities. Nowhere is the potential danger of this more clear than in a January 2002 threat advisory from the FBI which stated, “uncorroborated information indicates that terrorists may be using U.S. web sites to obtain information regarding local energy infrastructures, water reservoirs, dams, highly-enriched uranium storage sites, and nuclear and gas facilities.”

Mozart™ automates the Pacific Northwest National Laboratory’s award winning written Internet Presence Assessment Guide. This Guide defines the techniques and methodologies needed to perform an assessment of an Internet web site. Mozart incorporates the Guide, and using advanced intelligence analysis algorithms, provides a report that can be used to determine if there is sufficient information on a site’s Internet web pages to compromise sensitive, proprietary, or classified activities or support adversarial targeting of individuals and programs.

The Internet Presence Assessment Guide, updated and published in 2001, has been aggressively

locate pieces of sensitive information related to the projects, activities, assets, or personnel.



When fully developed, Mozart™ will incorporate a powerful link analysis and web page prioritization algorithm that will enable users to find web pages that contain sensitive information.

coordinated with government agencies and has been recognized as the specialized model for Internet site assessments.

In 2003, the Pacific Northwest National Laboratory received funding for the first step in developing Mozart, an automated Internet Presence Assessment tool that can search through websites for sensitive information. Mozart is an independent software utility that will incorporate Internet site harvesting, web page characterization and prioritization, and advanced analysis functionality. Mozart's user interface will provide support for a number of useful analytical procedures, including visualizations of the hyperlink connectivity of the retrieved pages.

A key benefit of Mozart is its application flexibility: it may be used as a proactive, reactive, offensive, or defensive tool. From an intelligence perspective, it can expose an unknown targeting or collection effort. In the business arena, it can provide an insight into customer activities for marketing or outreach purposes. And, in support of information security efforts, it can

Mozart is a Windows-based software application that automates the assessment of an external, internal, or archived web site. Internet page information is methodically discovered, harvested, and analyzed according to user specified parameters. Mozart innovative attributes include:

- Intuitive graphical user interface, based on Internet browsers and Windows-style directory trees.
- Automated collection and logical archive of Internet pages and Newsgroup postings.
- Runs on Windows XP, Windows 2000, and Windows NT platforms – no special hardware required.
- Advanced web page promotion scheme used to prioritize pages containing potential sensitive information.
- Automatically produces a hyperlinked report for off-line review of web pages.

The accessibility of information through the increasing number of interconnected networks has fostered an improved economic climate of competitiveness and technological advantage for the United States, but it has also fostered vulnerabilities. Sensitive or proprietary information, which keeps American business competitive in the global market, has become much more exposed and is jeopardized by ease of access to the information through the Internet.

Mozart is being developed to combat this information security problem and provide continued protection from this new threat.

The Pacific Northwest National Laboratory is currently seeking partners to complete the development of Mozart™.

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