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196663

The Internet Studio: Building the Infrastructure for the World Justice Information Network

Final Report

Submitted by the Rule of Law Foundation To

The National Institute of Justice, Office of Justice Programs, United States Department of Justice

Grant Award 98-IJ-CX-K004

Reporting Period: September 1, 1998 to May 31, 2001

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National Criminal Justice Reference Service (NCJRS) Box 6000 Rockville, MD 20849-6000



Summary

This report covers the development, release, growth, and maintenance of the World Justice Information Network (WJIN) at the NIJ Internet Studio, along with the technical support and an Internet grants competition for the U.S.-Ukraine Research Partnerships Project. The most recent interim report, covering activities through June 2000, provided the details of all activities aside from final maintenance of the project, so this report will add little not already covered in the interim reports, but will summarize the activities from the agreement's inception in September 1, 1998 through its conclusion on May 31, 2001, adding information on the maintenance of the project and final statistical data. Please note that there is an inconsistency in the grant documents. Grant 98-IJ-CX-K004, this project, began on September 1, 1998, but all grant documents refer to September 1, 1997 as the starting date, which was actually when a predecessor grant (98-IJ-CX-0007), already closed out, began. While some reference is given to the origins of 98-IJ-CX-K004 in the overview, this report covers the period starting in September 1998.

Funding for this project came in four segments, with the original award for \$212,418 dated September 15, 1998 covering salaries and benefits for Rule of Law Foundation staff for the further development of the World Justice Information Network, begun with award 98-IJ-CX-0007. A supplement of \$724,002 to expand the purview of the project to include the U.S.-Ukraine Research Partnerships Project was awarded in May 1999. A second supplement of \$154,000 was awarded in June 2000 covering the continued maintenance of WJIN and technical support for the U.S.-Ukraine Research Partnerships Project. A final supplement of \$107,970 in the fall of 2000 extended the maintenance and support through December 2000, and a no-cost extension was granted through May 31, 2001 to wrap up all activities under the award. The total award amounted to \$1,198,390.

With such support, the Rule of Law Foundation was able to substantially exceed the stated goals of the project. Membership in WJIN far surpassed the target of 5,000, reaching 8,000

by April 2001, clearly acquiring a critical mass of criminal justice professionals to make it one of the premiere sites on the Internet for information about international criminal justice. Members came from 118 different countries. In addition, 677 organizations were registered with WJIN. The site included nearly 5,000 links to online documents distributed throughout 26 content channels, and about 1,800 certified criminal justice web addresses fed into a web crawler which indexed nearly 500,000 criminal justice documents, creating a powerful criminal justice search engine. The site itself went through several substantial upgrades, and is located at http://www.wjin.net , and is now hosted by Abt Associates, Inc.

Within the framework of the U.S.-Ukraine Research Partnerships Project, the Rule of Law Foundation facilitated communication among U.S. and Ukrainian researchers through purchasing personal computers and e-mail accounts starting in December 1999 and made Internet grant awards to 21 organizations which were the "data holders" of criminal justice data the researchers needed to complete their research. Grants went for the purchase of equipment and the development of databases of criminal justice related information in electronic format. These organizations put together many valuable electronic resources, which were demonstrated by the final conference of the U.S.-Ukraine Research Partnerships Project, organized by Abt Associates, Inc.

The Rule of Law Foundation (ROL) also provided substantial programmatic support to the project's funders at the National Institute of Justice (NIJ) of the U.S. Department of Justice and the Bureau for International Narcotics and Law Enforcement Affairs (INL) of the U.S. Department of State for the duration of the project. This includes assistance in the conceptualization of new projects in Ukraine, Moldova, Russia, and other countries of the NIS, along with South Africa. ROL also continued its cooperation with the United Nations system of Program Network Institutes, publishing their documents on WJIN and demonstrating WJIN as a model for the electronic exchange of information among the institutes.

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The Internet Studio: Building the Infrastructure for the World Justice Information Network

Final Report September 1, 1998 to May 31, 2001

Background

This award covers two main areas of activity – the Internet Studio and World Justice Information Network (WJIN) and the U.S.-Ukraine Research Partnerships Project. The Studio and the initial stages of development of WJIN were undertaken under award 98-IJ-CX-0007. By the summer of 1998, a state-of-the-art Internet facility, located at the USDoJ Criminal Division Training Center, had been installed and was fully operational. The Studio occupied a 6-seat conference room (Internet Showroom), with high-quality presentation equipment. Four server computers and a dedicated 24-hour connection to the Internet provided unlimited and speedy online access for a local area network of 15 workstations, including those used within the Studio, as well as unclassified workstations in OPDAT, the Computer Crime Section, the Office of International Affairs and the Criminal Division Library. A high-end color laser printer, a scanner, a multimedia projector, digital video and still cameras, and a variety of software applications were also available.

This project has undertaken to use that facility for network capacity building, electronic content development and dissemination, and demonstration and training. In July 1998, again under award 98-IJ-CX-0007, the World Justice Information Network was unveiled at the NIJ annual research and evaluation conference in Washington, DC. This was an electronic content collection and dissemination vehicle for the international criminal justice community. While this was a significant achievement of that reward, much remained to be done to make WJIN a more robust information sharing resource, eventually turning it into the web portal for criminal justice issues that it is today. The immediate goal of the current project at the time was to beta-test

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WJIN within the international criminal justice community, build a user-base of up to 5,000 professionals, and simultaneously continue to add functionality to and improve the system.

In May 1999, NIJ awarded the Rule of Law Foundation a supplement to the award to continue development and maintenance of WJIN, as well as provide substantial technical support and administer Internet grants as part of their joint project with the Ukrainian Academy of Law Sciences (UALS) called the U.S.-Ukraine Research Partnerships Project, designed to match up U.S. and Ukrainian criminological researchers to conduct original research in areas of interest to both countries. In order for the Rule of Law Foundation to successfully administer such a large program, it needed to open and maintain an office in Kyiv, Ukraine, which allowed it to not only provide such technical and small grants support, but to provide NIJ and its Ukrainian counterparts much needed assistance in other aspects of the U.S.-Ukraine Research Partnerships Project not originally envisioned in the original proposal.

Results and Accomplishments

1. Network Capacity Building

By the end of 1998 the Internet Studio had already met the deliverable for network products and services as stated in the original proposal. It was a technical platform which included a family of closely integrated server computers with high-speed access to the Internet, with sufficient storage capacity, bandwidth utilization, database applications, an interactive Web interface, search engine software and machine translation services, user authentication and management capabilities, and network monitoring and usage analysis. Studio staff continued to work to improve these services throughout the life of the project.

In addition to maintenance and continual upgrading of the existing WJIN platform, studio staff began work on a major revision to take advantage of new advancements in web portal technology, collaborative filtering, and new search techniques. This work continued through early 2001, when the project was handed off to Abt Associates for completion. This WJIN

successor allows each individual user to create his or her own portal with its own look and feel. While the previous version (developed completely by the Rule of Law Foundation) fully met and exceeded the goals of the project, in terms of the functionality of the system itself, the content available, and the user base, the new portal far exceeds it in capacity, especially in its ability to automate much of the high quality content acquisition, using user preferences themselves to rate, order, and select the content. The Rule of Law Foundation can take credit for much of the development of that system, completed by Abt.

2. Content Development and Dissemination

We have surpassed all three goals of the project in the area of content development. We surpassed the goal of 50,000 web pages fully indexed and searchable on the WJIN criminal justice search engine by nearly tenfold. There were approximately 500,000 such pages by the end of the project. We surpassed by a factor of five the goal of 1,000 documents in our special collection of documents created through a manual search. There were 4,979 such documents in April 2001. And there were a total of 8,080 users, surpassing the goal of 5,000 users by more than half.

We continued to use software purchased from AltaVista for the search engine for the approximately 500,000 indexed pages related to international criminal justice until the spring of 2000. We then migrated to a search engine we developed internally which allowed the user to search the global collection of 500,000 indexed documents, the 5,000 hand-picked documents local to WJIN, NCJRS, or the NCJRS abstracts. In April 2001 there were 1,836 hand-picked URL's (Internet addresses) related to international criminal justice which were fed into a web "crawler" to generate these pages. This approach had the advantage of creating a search engine focused solely on criminal justice while still maintaining a sizable database of online documents.

Throughout the project, the main delivery mechanism for the special collections remained a series of channels on the site itself, which were fully searchable using the criminal justice search engine by searching the local collection. Daily news continued to be published on the

front page of the site, with a listing of stories mailed daily to those users who chose this option. A weekly update of new documents also remained an option. There were a total of 26 channels available on WJIN, about half of which were public, meaning viewable by all WJIN members, and the other half private, restricted to some subset of the user base, with five of the public channels maintained by the Rule of Law Foundation. Those five channels were World News, UNOJUST Central, Transnational Crime, Rule of Law in Emerging Democracies, and Cybercrime. The eight public guest channels were NCTP (National Cybercrime Training Partnership), edited by Wayne Williams, formerly of DOJ's Computer Crime Section, Organized Crime Watch - Russia, published by the Center for the Study of Transnational Crime and Corruption at American University, Corruption Watch Ukraine, published by the Ukrainian Center for Independent Political Research, IMPACT published by the International Association of Chiefs of Police (IACP), the Latin American Collection published by ILANUD, and three channel for Eliminating Violence Against Women (Best Practices, Model Strategies, Resource Manual).

In addition to the public channels, there were 13 channels with restricted access to a smaller group of WJIN members. It often happens that a member organization of WJIN has a need to publish documents for its own members which would only be of limited interest to the entire WJIN community. In certain cases, the documents themselves require limited access. Often these organizations lack the resources to publish these materials themselves. With WJIN, nothing could be simpler than creating a private channel and specifying who has access to it. The following private channels existed at the end of the project: Reference Desk, US-Ukraine Research Partnership, Victim Assistance International, The Lyon Group, Russian Organized Crime (English and Russian versions), Cybercop, Transdnistria Watch, ROL Internal, Comparative Studies, American University Organized Crime Study in Ukraine, Ukraine: Economic Crime, and Odessa National Law Academy. The top channels, public and private, in terms of documents published were as follows:

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UNOJUST Central	1738
Transnational Crime	885
Rule of Law in Emerging Democracies	630
The Lyon Group	303
U.SUkraine Research Partnerships Project	231
Latin American Collection	211
Odessa National Law Academy	174
Eliminating Violence Against Women: Best Practices	168
Reference Desk	164
Russian Organized Crime	152

By April 2001 there were 8,080 registered users on WJIN from 118 countries. The proportion of users from the United States (4,595) gradually continued to decline over the life of the project to just less than 57%. The top ten countries are rounded out by Canada (664), the United Kingdom (405), Australia (366), Moldova (248), Ukraine (101), the Netherlands (98), Italy (84), Germany (82), and South Africa (72). The most common professions of WJIN members are, in order, student (1,868), research/academia (1,710), law enforcement (1,095), legal specialist (643), government (498), information specialist (434), and nonprofit (415). There was a marked increase in the number of students relative to other professions over time, indicating that many professors who were WJIN members were advocating use of WJIN to their students. In addition, 677 organizations from 67 countries became members.

3. Demonstration and Training

Throughout the course of the project, the Studio was used on a regular basis by the Rule of Law Foundation, NIJ, INL, the Criminal Division Training Center, the Computer Crime Section, the Office for International Affairs, and other organizations for demonstrations and meetings for their own personnel and visitors. In addition, ROL staff have made frequent demonstrations of WJIN in the U.S. and overseas. Demonstrations were held in Ukraine, 'Moldova, Saudi Arabia, Austria, Japan, and Washington, DC.

In the fall of 1999 and spring of 2000, ROL conducted a series of Internet training sessions called "Internet Fridays" at the Studio, run by Martin Lively. Mr. Lively taught three two-hour sessions every Friday on basic Internet use and conducting searches on the Internet. His

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courses were very popular. They were attended mostly by DOJ employees, as well as a few other US Government agencies interested in international law enforcement. Prior to that, Studio personnel assisted Criminal Division Training Center staff in the development of training sessions they conducted at the Studio, and provided some sample lesson plans for various Internet topics, such as using search engines, conducting research, and using e-mail.

In addition, from August to November 1999 the Rule of Law Foundation hosted Vladimir Vignan, a lieutenant colonel with the Moldovan Ministry of Internal Affairs, for three months in order to help him gather materials on computer crime and on police training. He was a USIA Fellow in Contemporary Issues, in a program administered by the International Research & Exchanges Board (IREX). He put together a compendium of materials to be used here or in Moldova, and was instrumental in working with ROL to make NIJ grants 1999-IJ-CX-0063 and 1999-IJ-CX-0065 a success, helping build the Rule of Law Information Network (ROLIN) in Moldova. Throughout the project, Studio staff provided demonstrations to visiting delegations passing through Washington

U.S.-Ukraine Research Partnerships Project

Our Kyiv office provided logistical and technical support fro the U.S.-Ukraine Research Partnerships Project from its inception, and monitored the progress of the project. It was particularly useful to the Ukrainian researchers in providing technical support in the form of personal computers and Internet accounts, begun in 1999 and continued in 2000. The Internet grants program, with awards made in February 2000 required significant logistical support in the form of collecting applications, distributing award letters, and arranging procurement.

1. Equipment and Support for Ukrainian Researchers

One of the results of the research conference in November 1999 was a need for better communication between the American and Ukrainian researchers. Very few of the Ukrainians

had e-mail access, or even access to a computer to do their research. Therefore, after the conference, the Ukrainian researchers gave our Kyiv office their equipment requirements for conducting research and keeping in touch with the American researchers. In nearly every case this consisted of a personal computer, a printer, and e-mail access. In the case of the Ukrainian Academy of Law Sciences and the National Law Academy in Kharkiv, where there were large clusters of researchers, we approved Internet studios to accommodate them. The majority of researchers had their equipment and e-mail access by December 31, 1999, and all of the researchers were equipped and had e-mail access by February 2000. Now they are able to exchange information much more easily with their American counterparts and with Ukrainian agencies acting as the repositories of the raw data the researchers will be using for their research. Neither the Ukrainian nor American researchers involved in the project could have completed their research without the technical assistance provided by the Rule of Law Foundation, through its office in Kyiv. These results were demonstrated in a follow-up project conference held in January 2002.

The U.S.-Ukraine Research Partnerships Project extended significantly beyond the supplement for this project funding ROL involvement. But the researchers continued to need support for the duration, necessitating two additional supplements to fund U.S. and Ukrainian operations to maintain through December 2000. This funding was essential for the researchers to continue to stay in communication with each other and to continue their research to its conclusion. Our Kyiv office, in addition to continuing the arrangements for continued e-mail and Internet service for the researchers, provided ongoing support and training, and facilitated the solution of any administrative details required for maintaining their research. The Ukrainian researchers in particular ran into bureaucratic difficulties with the Ukrainian administration of the project, and often turned to our office for help.

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2. Internet Grants Program: Ukrainian Rule of Law Information Network (ROLIN)

It was not sufficient just to provide the Ukrainian researchers with computer equipment and e-mail access. They needed access to data located at law enforcement related agencies in Ukraine, many of whom had minimal capacity for sharing information electronically. Therefore, we conducted an Internet grants competition for Ukrainian government agencies, research institutions, nonprofit organizations, and individual scholars and practitioners. Projects were considered in three categories: Internet access, web site development, and online databanks and knowledge bases. Internet access projects were designed to provide access to groups of professionals working within the same organization. The web site development projects were designed to promote electronic dissemination of information to the public, as well as individual researchers. The databanks and knowledge base projects were designed to create problemoriented databanks or knowledge bases containing statistical, analytical, and factual information on crime prevention and criminal justice in Ukraine, with online access to these resources for other agencies, research institutions, individual practitioners and scholars via the Internet. The Request for Proposals was issued in October 1999, with a deadline of November 4, 1999. Awards were issued in February 2000 to 21 agencies, and implementation began in March 2000. By June 30, 2000 all requests for the purchase of equipment under the grants had been fulfilled.

This Internet grants formed the basis of the Rule of Law Information Network in Ukraine (ROLIN), which included three parts: Internet access and training, website design and publishing, and development of online databanks and knowledge bases.

Internet access and training

This part of the project was designed to provide computer equipment, Internet access, and training to practitioners and researchers professionally involved in the area of criminal justice and crime prevention. The grants in this area have been made to four grantees: Kharkiv On-line (in partnership with the Ukrainian Academy of Law Sciences), the Kyiv Regional Center of the Ukrainian Academy of Law Sciences, the Donetsk Institute of Interior Affairs, and the Training

Institute of the Procuracy General of Ukraine. These grants covered expenses associated with providing Internet access and computer training for researchers and practitioners, through establishing small Internet studios.

Kharkiv On-line created an Internet studio for the Kharkiv Law Academy and Ukrainian Academy of Law Sciences, located at the Department of Forensics of the National Law Academy of Ukraine. The studio is for providing computer training for researchers and program administrative personnel. In addition, each Kharkiv-based researcher of the U.S.-Ukraine Research Partnerships Program has his own workstation and domain name.

The Internet studio at the Kyiv Regional Center of the Ukrainian Academy of Law Sciences provided basic computer and Internet training for Kyiv-based researchers of the U.S.-Ukraine Research Partnerships Program. In the course of implementing this task, over 100 legislators, criminal justice researchers and practitioners were trained at the studio. Additional training courses were planned upon the completion of ROL involvement in the project.

Through ROLIN, the Donetsk Institute of Interior Affairs upgraded its local area network with high-speed Internet access with a technical capacity to serve up to 1,000 employees. Currently, both Internet and secure Intranet access is provided to 254 workstations, with 35 workstations having full Internet access.

Over 40 persons were trained at the studio at the Training Institute of the Procuracy General of Ukraine. The studio also provides access to Ukrainian and international Internet resources for the professors and students of the Institute.

The main difficulty of this part of the project was that sometimes the target audience did not fully recognize the importance and usefulness of information technologies and, as a result, showed some resistance to Internet training. However, the tasks outlined in the grants applications were accomplished successfully. The studios will continue to provide training and future steps could include developing new advanced training courses on certain software, web design, and developing distance learning programs.

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Website development

The grants under this section were given to applicants who wanted to establish a Web presence for their organizations, including conceptualization, design, development and publishing sets of documents on the Web.

The grants were given to 11 governmental agencies and research institutions. Following is the list of the Web sites created under this section of the project:

- 1. Web site of the Supreme Court of Ukraine: www.scourt.gov.ua
- 2. Web portal of the Ukrainian Law enforcement agencies, created and maintained by the Ministry of Interior of Ukraine: <u>www.centrmia.gov.ua</u>
- 3. Web site of the Security Service of Ukraine: www.sbu.gov.ua
- 4. Web site on law enforcement issues of Electronic commerce, created by the National Academy of Interior of Ukraine: <u>e-commerce.naiau.kiev.ua</u>
- 5. Web site of the Research Institute of the National Academy of Interior of Ukraine: <u>ndi.naiau.kiev.ua</u>
- 6. Web site of the Inter Agency Research Center on Combating Organized Crime: mndc.naiau.kiev.ua
- 7. Web site and online library of criminological materials, created by the Odessa Law Academy: <u>www.criminology.org.ua</u>
- 8. Web site and online library "Victimology in Ukraine", created by the Odessa Law Academy: <u>www.victimology.org.ua</u>
- 9. Web site of the Institute of State and Law of the Academy of Science of Ukraine: <u>www.criminacad.kiev.ua</u>
- 10. Web site of the Ukrainian Academy of the Law Sciences: www.aprnu.kharkiv.org
- 11. Web site of the Research Institute of the Ukrainian Academy of the Law Sciences www.niipp.rol.net.ua

All the Web sites contain the general information, structure, and contact information for the government agency or research institution as well as relevant legislation. The agencies and institutions also publish news, press releases, and articles on their Web sites. Some of the research institutions create "Forum" sections for discussing actual legal and criminal - legal issues, draft laws, etc.

The main difficulties in implementing this task seem to be a lack of technical knowledge. Once the grantees learned the basics of Web technology, the biggest problem has become to have them collect, publish and update content materials on a regular basis.

Most of the grantees propose to further develop their sites into full-scale information

portals for their agencies or even integrate them into a Ukraine-wide law enforcement

information portal. Each agency or institution plans to create an English version of its Web site. However, in many cases those plans have not been realized due to lack of funding. Many agencies also plan to develop agency-wide information networks, to build technical capacity and share information with their regional departments.

Online databanks and knowledge bases

Ukrainian research institutions or government agencies applied for funding to create problem-oriented databanks (knowledge bases) containing statistical, analytical and factual information on crime prevention and criminal justice in Ukraine and to offer online access to those resources to other Ukrainian agencies, research institutions, individual practitioners and scholars via the Internet. The following databanks were created under this section:

- 1. Online digital library for law enforcement research and practice, created by Kharkiv University of Interior: <u>www.lawlibua.org</u>
- 2. Online collection of dissertations in criminal justice and criminology: <u>http://jur-lib.kharkov.ua</u>
- 3. Online library of criminological materials, created by the Odessa National Law Academy: <u>www.criminology.org.ua</u>
- 4. Online library "Victomology in Ukraine", created by the Odessa National Law Academy: <u>www.victimology.org.ua</u>
- 5. Crime prevention databank, Zaporizha State University Law School <u>www.zsu.zp.ua/urfak/grand.htm</u>
- 6. Online criminological databank on crime and corruption in banking, Kyiv Regional Center of the Ukrainian Academy of Law Sciences
- 7. Online database on forensics information, Research Institute of the Ukrainian Academy of Law Sciences <u>www.rol.net.ua</u>.

On the average, each databank had over 250 documents uploaded. The databanks of Odessa National Law Academy and Kharkiv University of Interior already have English versions. They plan to acquire more online materials content and improve the content structure, as well as search and navigation. As the first effort of this kind, the ROLIN Ukraine project is a definite success. New technical skills, grass-root international connections and information sharing capabilities are all very valuable contributions to the Ukrainian criminal justice community.

3. Other Activities

In addition to the U.S.-Ukraine Research Partnerships Project, the May 1999 supplement provided funds for upgrades to the Program Network Institutes (PNIs) of the United Nations and content development grants throughout the world. This was realized by bringing Latin American documents related to international criminal justice online in cooperation with ILANUD and a project to bolster the technical capabilities of the U.N. Crime office in Vienna. In addition funds were spent to bring valuable information on victimology online on the WJIN site through a project at the Odessa Law Academy.

Evaluation Mechanism

1. Progress Monitoring

In addition to the required semi-annual reports and quarterly financial reports, Studio staff met regularly with NIJ staff to update them on progress, including any training and demonstrations conducted at the studio, new resources developed, new technical developments at the studio, new project ideas, presentations and meetings attended or hosted by studio staff, and reports on any travel.

2. Time Tracking

Studio staff kept time sheets corresponding to their payroll cycle. The time sheets tracked hours worked by activity, along with vacation, holidays, and sick leave.

3. Impact Assessment

The studio used automated tools to analyze usage of its Web site. This software tracked users by Internet address, country, state, and city, kept track of usage by week, day, and hour, displayed the most accessed files on the site, and listed the sites which most frequently referred a visitor to the studio. In addition, statistics were kept on members, giving information about their occupation, country, how they were referred, their mailing list subscriptions, and how many documents they contributed. Each channel was monitored for its number of documents. Data on registered organizations was also kept. A copy of the April 2001 report is attached.

Staff

Until nearly end of the project, the Internet Studio was staffed by a team of 3-4 professionals and a rotating team of visiting international fellows and interns with project management, technical, research, and training skills, ensuring the success of the project. Sergey Chapkey was the project director for most of the duration of the project, until he left for a leave of absence from ROL in the fall of 2000 and joined Abt Associates in early 2001. Charles Cochran was the assistant director until promoted to director with the departure of Mr. Chapkey. Greg Pearson was the program officer. The system administrator position had the most turnover, with Susan Rajnic holding the position in 1998, Roberto Gonzalez in 1999, and a rotating team of technical interns from Moldova and Russia in 2000, strengthening our partnerships with technical contractors in Moldova.

The program director supervised all aspects of the Internet Studio project - network capacity building, electronic content development and dissemination, and demonstration and training, and took the lead in managing the Ukrainian project. The assistant director had a primary focus on the New Independent States (NIS) of the former Soviet Union, including assisting the director with the Ukrainian project. The program officer conducted Internet research, collected and processed content, did some Web design, managed mailing lists, and conducted some of the user training for the Studio.

Conclusions and Implications

This project evolved from the provision of an information sharing platform and demonstration and training facility, both physical and virtual in the Internet Studio and the World

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Justice Information Network, to an international implementation of similar platforms in support of the U.S.-Ukraine Research Partnerships Project. But such an evolution was anticipated in the original project design, with the Washington, DC-based Studio envisioned as a proof of concept to be replicated overseas, with the Ukrainian project the instantiation of this concept, demonstrating that this model is replicable throughout the world. We feel that the project was a resounding success providing not only some very real training, demonstrations, a large base of valuable online content, and a virtual community, but showing that the physical Studios are valuable tools for training and collaboration, no matter what the location, and that the online tools can and will continue to become more robust and add substantial value to the content contained therein for the community thus created. In addition, we have shown that such a model can work not only for practitioners of criminal justice, but for those involved in any profession, or for even more targeted groups within the criminal justice community.

In addition, we are happy to have contributed to a project which has led to so much original research on criminological issues of common interest to the United States and Ukraine, and will help contribute to the understanding and solution of long intractable problems facing our countries and others. Through this process, many new materials have been published online and thus become available to a much wider community and will therefore influence other research and help shape the international criminal justice community. We would like to thank NIJ and INL for giving us the opportunity to implement our proposal and for the support they have given through the life of the project.

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Individ	ual Users
All years to 09	-Apr-2001
	•
1. Total number of registered users	8080
2. Users pending approval	23
3. Total number of visits	51654
4. Users by occupation	
Corrections	219
- Coversment (coners)	498
Government (general)	
Information specialist	434
	•
Judiciary	. 121
Juvenile justice	110
Law Enforcement	1095
Legal specialist	643
Legislator	24
Mass media	144
Nonprofit	415
• Other	545
	-
 Research / academia 	1710
	-
Select occupation	2
Student	1868
UN / International	128

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Victim Assistance	•					67
Webmaster			,			80
5. Users by country			111			
1. Afghanistan						1
2. Albania	• • • • • • • • • • • • • • • • • • •			, . . .		4
3. Argentina						39
4. Armenia	•			•		7
5. Aruba	and the state of the second	•	م . مطر قامین			1
6. Australia			1			366
7. Austria						44
8. Bahamas			I			2
9. Bahrain	•					1
10. Bangladesh						1
11. Belarus						5
12. Belgium						60
13. Belize						1
14. Bolivia				•	"; * -	8
15. Bosnia						7
16. Brazil						68
17. Bulgaria						11
18. Camaroon						1
19. Cambodia						2

 $http://216.205.120.173/html/individual_users.cfm?months=0\&year=All$

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20. Canada	664
21. Chile	18
22. China	42
23. Colombia	12
24. Costa Rica	21
25. Croatia	9
26. Cuba	1
27. Cyprus	2
28. Czech Republic	15
29. Denmark	10
30. Dominican Republic	3
31. Ecuador	5
32. Egypt	5
33. El Salvador	7
34. Estonia	27
35. Finland	32
36. France	- 45
37. Georgia	8
38. Germany	82
39. Ghana	3
40. Greece	10

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,			•	
41. Guatemala				3
42. Honduras				1
43. Hungary		ł		15
44. Iceland		The second s		2
45. India				26
46. Indonesia				4
47. Iran	4g		al get in our otherstation as a singularity on	6
48. Ireland				22
49. Israel		•		35
50. Italy				84
51. Jamaica				1
52. Japan				31
53. Jordan			•	3
54. Kazakhstan				5
55. Kenya				5
56. Kuwait			· · · · · · · · · · · · · · · · · · ·	1
57. Kyrgyzstan			· · ·	····.2
58. Latvia		•		4
59. Lebanon			а. —	6
60. Lithuania				14
61. Luxembourg				2

http://216/205.120.173/html/individual users.cfm?months=0&year=All

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62. Macedonia	3
63. Malaysia	24
64. Malta	8
65. Mexico	39
66. Micronesia	2
67. Moldova	248
68. Mongolia	7
69. Multiple countries	1
70. Namibia	3
71. Nepal	2
72. Netherlands	98
73. New Zealand	34
74. Nicaragua	1
75. Nigeria	6
76. Norway	21
77. Pakistan	13
78. Palestine	, 1
79. Panama	5
80. Papua New Guinea	1
81. Paraguay	2
82. Peru	12

http://216.205.120.173/html/individual_users.cfm?months=0&year=All

83. Philippines				18
84. Poland				24
85. Portugal		:		25
86. Qatar		н. А.		1
87. Romania				21
88. Russia				69
89. Saudi Arabia				7
90. Singapore	an a			14
91. Slovakia		1		4
92. Slovenia				17
93. South Africa		ł		72
94. South Korea				14
95. Spain				42
96. Sri Lanka				4
97. Swaziland				2
98. Sweden			• •	37
99. Switzerland				49
100. Taiwan				6
101. Tanzania				7
102. Thailand				30
103. Trinidad and Toba	ĵo			2

http://216 205 120 173/html/individual users.cfm?months=0&vear=All

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104. Tunisia	4
105. Turkey	18
106. Uganda	12
107. Ukraine	101
108. United Arab Emirates	5
109. United Kingdom	405
110. United States	4595
111. Uruguay	1
112. Uzbekistan	11
113. Vanuatu	4
114. Venezuela	13
115. Vietnam	1
116. Western Sahara	1
117. Yugoslavia	8
118. Zambia	5
6. Users by referral	
	246
2. Electronic mailing list	983
3. Friend or partner	917,
4. Group presentation	143
5. Link from related site	2137
6. Other	587

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Test.

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7. Personal email message	427
8. Printed publication	182
9. Search engine	1234
10. WJIN member	472
7. Users by subscriptions	
Beta testing program (justbeta)	1430
Daily news (justnews)	3109
Weekly updates (justlinks)	3988
8. Users by contribution	
1. alberti, anthony	· 1
2. <u>Andrzej. Adamski</u>	1
3. <u>Biryukov, Alexander</u>	3
4. Broderick, John	1
5. <u>Chapkey, Sergey</u>	287
6. <u>Cochran, Charles</u>	404
7. <u>Danos, Colleen</u>	1
8. <u>Del Buono, Vincent</u>	149
9. <u>Dukovich, John</u>	2
10. <u>Dupont, Benoit</u>	5
11. Flores, Maria lourdes	494
12. Gonzalez, Roberto	22
13. Henderson, Elizabeth	2

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14. Hughes, Donna	3
15. Ireland, Chad	10
16. <u>Kelly, Michael</u>	382
17. <u>Kommer, Max</u>	3
18. <u>Kozeli, Angel</u>	
19. <u>Makarov, Julie</u>	982
20. <u>Manson, Kevin</u>	17
21. <u>Marcus-Mendoza, Susan</u>	1
22. Nyang, Elizabeth	219
23. <u>Pagon, Milan</u>	2
24. Pearson, Gregory	3024
25. <u>Petrenko, Vasyl</u>	194
26. Pond, Eugene	2
27. <u>Rajnic, Susan</u>	25
28. Rankin, George	3
29. <u>Sautenet, Vincent</u>	2
30. <u>Schrock, Jennifer</u>	2
31. <u>Silva, Marleth</u>	
32. <u>Spanu, Angela</u>	403
33. Spector, Bert	1
34. <u>Sukhin, Vladislav</u>	16

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35. Thierry, Godefroy	6
36. <u>Tulyakov, Vyacheslav</u>	112
37. <u>Van Zyl, Marina</u>	8
38. <u>Voronin, Yuriy</u>	7
39. Ward, George	2
40. <u>Zinchenko, Vera</u>	895
41. Zuzina, Kate	75
42. <u>Zvekic, Ugljesa</u>	1

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http://216 205 120 173/html/individual users cfm?months=0&vear=All

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Registered Organizations

All to 09-Apr-2001

	ber of registered orga ons pending approva			677 20
3. Organizatio	ons by category			
• Correct	ions			65
• Govern	ment agencies			65
 Information 	tion science	· · ·	Hand and a standard for a	26
• Judicia	ſŷ	• •	•	20
• Juvenil	e justice		· ·	10
 Law ent 	forcement			117
• Law firm	ns			22
 Legislat 	ures			0
 Mass m 	ledia			4
Nonprot	fit			111
Researce	ch .			58
• Academ	nia			64
	Nations / IGO			11
• Victims	assistance			17
• Web de	velopment			11
• Other				65

http://216.205.120.173/html/registered_organizations.cfm?months=0&year=All

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4. Organization by number of staff	
 less than 10 	329
 between 10 and 100 	213
• more than 100	146
5. Organizations by annual budget	s and a second
 less than \$100,000 	329
 between \$100,000 and \$1,000,000 	213
between \$1,000,000 and \$10,000,000	146
 between \$10,000,000 and \$100,000,000 	0
 more than \$100,000,000 	0
6. Organizations by country	
Argentina	4
Armenia	2
Australia	43
• Austria	4
• Bahamas	1
Bangladesh	1
Belgium	2
• Bolivia	2 '
• Brazil	9
Camaroon	2

http://216.205.120.173/html/registered_organizations.cfm?months=0&vear=All

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	•	
• Canada		53
• Chile		2
• China		2
Colombia	a a su a	1
Costa Rica		2
Croatia		1
Czech Republic		
Denmark		1
• Ecuador		1
• Egypt		1
• Estonia	•	3
• Finland		1
• France		7
• Georgia		1
• Germany		11
• Ghana		1
• Hungary	· · · ·	1
• India		4
• Ireland		3
• Israel		8

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· •••	· · · · ·			
• Italy			2	
 Japan 			1	
 Kenya 			1	·
 Kyrgyzstan 	ni university		1	
 Lebanon 			2	
 Lithuania 			1	• •
• Malaysia	na nanana antoniati (1	enere e companya di		
Mexico		1	4	
 Moldova 	• •		9	
• Netherlands		, I	12	
New Zealand	I .		, 1	
• Nigeria			1	
 Norway 			2	
 Pakistan 			4	
 Panama 			1	
Papua New (Guinea		1	
 Portugal 	•		1	
Qatar			1	
 Romania 	• • •		3	
• Russia			6.	

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Saudi Arabia			1	
Slovakia			2	
South Africa			10	
South Korea		· · · · · · · · · · · · · · · · · · ·	1 <u>1</u>	
• Spain		•	4	
• Sweden	•		4	
• Switzerland	· · · · · · · · · · · ·		- 3	
• Thailand			1	
• Tunisia			1	
• Turkey			1	
• Uganda			4	
Ukraine			17	
United Kingdom			26	
United States			388	
• Venezuela			1	
Yugoslavia			2	
• Zambia		1	1	

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http://216.205.120.173/html/registered_organizations.cfm?months=0&vear=All

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Content Acquisition

All to 09-Apr-2001

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1. Automated index (search engine), Web pages	
2. Certified online sources, URLs	1836
3. Special collections, total documents	4979
4. Special collections by channel:	
Reference Desk	164
• World News	9
UNOJUST Central	1738
US-Ukraine Research Partnership	231
Comparative Studies	1
Cybercrime	76
Victim Assistance International	7
The Lyon Group	303
Transnational Crime	885
Russian organized crime	152
NCTP, by Wayne Williams	3
Cybercop: by Kevin Manson	11
Organized Crime Watch - Russia	8
 Đîññèéñêàÿ îðãàíèçîâàííàÿ ïðåñòóïíîñòü 	1
Latin American Collection	211

http://216.205.120.173/html/content acquisition.cfm?months=0&year=All

Content Acquisition

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•	Odessa National Law Academy	174	•
	Transnistria Watch	69	
	Corruption Watch Ukraine, by UCIPR	16	
• • • • • •	ROL Internal	10	
	Rule of law in emerging democracies	630	· •
	Elim. Violence Against Women: Best Practices	168	
	Elim. Violence Against Women: Model Strategies	-1	• • •
	• IMPACT	6	
	AU Organized Crime Study in Ukraine	7	
	Elim. Violence Against Women: Resource Manual	11	
	Ukraine: Economic Crime	67	
5. 8	Special collections by language, documents:		
	• English	4092	
	• Non-English	887	
6. 7	Thesaurus, terms:	190	
7. F	Press releases:	14	
Rep	ported by the Rule of Law Foundation	, 	

http://216.205.120.173/html/content_acquisition.cfm?months=0&vear=All

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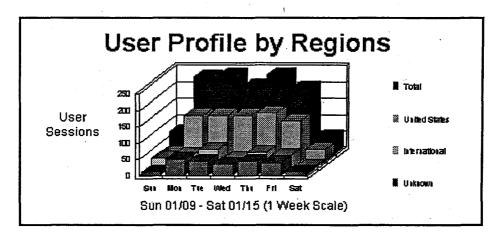


Default Report

209.35.43.149

General Statistics

The User Profile by Regions graph identifies the general location of the visitors to your Web site. The General Statistics table includes statistics on the total activity for this server during the designated time frame.

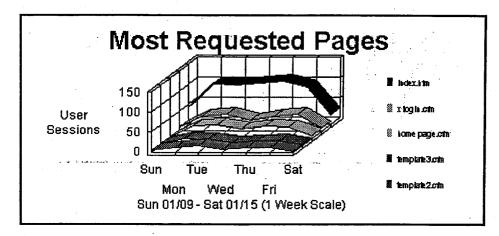


General Statistics				
Date & Time This Report was Generated	Saturday January 15, 2000 - 10:33:11			
Timeframe	01/09/00 00:00:00 - 01/15/00 23:59:59			
Number of Hits for Home Page	11			
Number of Successful Hits for Entire Site	7650			
Number of Page Views (Impressions)	4373			
Number of User Sessions	1250			
User Sessions from United States	60.72%			
International User Sessions	20.64%			
User Sessions of Unknown Origin	18.64%			
Average Number of Hits per Day	1092			
Average Number of Page Views Per Day	624			
Average Number of User Sessions per Day	178			
Average User Session Length	00:09:57			

http://216.205.120.173/report/index_b.htm

Most Requested Pages

This section identifies the most popular Web Site pages and how often they were accessed. The average time a user spends viewing a page is also indicated in the table.



	Most Requested Pages					
	Pages	Views	% of Total Views	User Sessions	Avg. Time	
1	World Justice Information Network Logon Page http://wjin.net/index.htm	703	16.07%	565	00:01:10	
2	Error Occurred While Processing Request <u>http://wjin.net/x_login.cfm</u>	325	7.43%	206	00:00:17	
3	World Justice Information Network http://wjin.net/html/home_page.cfm	274	6.26%	160	00:01:32	
4	Template3 http://wjin.net/html/template3.cfm	259	5.92%	60	00:01:19	
5	Channel Template http://wjin.net/html/template2.cfm	148	3.38%	62	00:00:57	
6	Error Occurred While Processing Request http://wjin.net/html/x_registration.cfm	135	3.08%	53	00:00:29	
7	Personal Registration http://wjin.net/html/personal_registration.cfm	134	3.06%	104	00:03:17	
8	Control Panel http://wjin.net/html/control_panel.cfm	134	3.06%	26	00:02:04	
9	List of Members http://wjin.net/html/list_of_members.cfm	119	2.72%	20	00:04:16	
10	Table of Contents http://wjin.net/html/table_of_contents.cfm	89	2.03%	11	00:00:37	
	Sub Total For the Page Views Above	2320	53.05%	N/A	N/A	
	Total For the Log File	4373	100%	N/A	N/A	

http://216.205.120.173/report/index_b.htm

Least Requested Pages

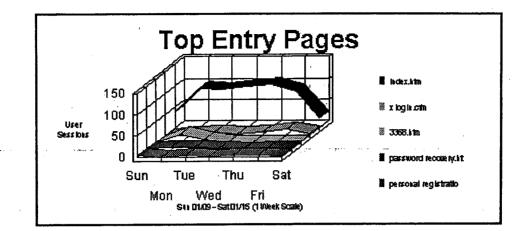
This section identifies the least popular pages on your Web site, and how often they were accessed.

	Least Requested Pages				
	Pages	Views	% of Total Views	User Sessions	
1	Successful Entry http://wjin.net/html/successful_entry.htm	1	0.02%	1	
2	Error Occurred While Processing Request http://wjin.net/html/x_addurl.cfm	1	0.02%	1	
3	WJIN News http://wjin.net/html/news/3259.htm	1	0.02%	1	
4	WJIN News http://wjin.net/html/news/3405.htm	1	0.02%	1	
5	WJIN News http://wjin.net/html/news/3258.htm	1	0.02%	1	
6	WJIN News http://wjin.net/html/news/3255.htm	1	0.02%	1	
7	Error Occurred While Processing Request http://wjin.net/html/x_edit_org.cfm	1	0.02%	1	
8	WJIN News http://wjin.net/html/news/3310.htm	1	0.02%	1	
9	WJIN News http://wjin.net/html/news/3328.htm	1	0.02%	1	
10	WJIN News http://wjin.net/html/news/3315.htm	1	0.02%	1	

Top Entry Pages

This section identifies the first page viewed when a user visits this site. This is most likely your home page but, in some cases, it may also be specific URLs that users enter to access a particular page directly. The percentages refer to the total number of user sessions that started with a valid Document Type. If the session started on a document with a different type (such as a graphic or sound file), the file is not be counted as an Entry Page, and the session is not counted in the total.

http://216.205.120.173/report/index_b.htm



	Top Entry Pages		
	Pages	% of Total	User Session
1	World Justice Information Network – Logon Page http://wjin.net/index.htm	47.62%	532
2	Error Occurred While Processing Request http://wjin.net/x_login.cfm	3.4%	38
3	WJIN News http://wjin.net/html/news/3368.htm	2.5%	28
4	Password Recovery http://wjin.net/html/password_recovery.htm	2.32%	26
5	Personal Registration http://wjin.net/html/personal registration.cfm	1.79%	20
6	WJIN News http://wjin.net/html/news/3380.htm	1.79%	20
7	WJIN News http://wjin.net/html/news/3019.htm	1.61%	18
8	WJIN News http://wjin.net/html/news/3367.htm	1.61%	18
9	WJIN News http://wjin.net/html/news/3370.htm	1.61%	18
10	WJIN News http://wjin.net/html/news/3378.htm	1.43%	16
	Total For the Pages Above (only sessions starting on a valid document type are included)	65.71%	734

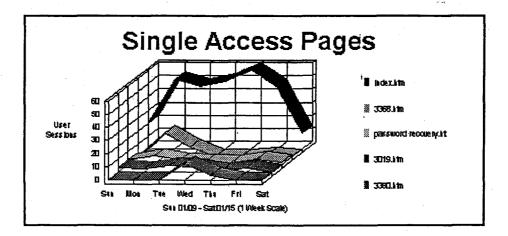
Top Exit Pages

This section identifies the most common pages users were on when they left your site. The percentages refer to the total number of user sessions that started with a valid Document Type. If the session started on a document with a different type (such as a graphic or sound file), the file is not be counted as an Entry Page, and the session is not counted in the total.

	Top Exit Pages		
	Pages	% of Total	User Sessions
1	World Justice Information Network – Logon Page <u>http://wjin.net/index.htm</u>	29.64%	330
2	Personal Registration http://wjin.net/html/personal_registration.cfm	4.13%	46
3	Template3 http://wjin.net/html/template3.cfm	3.5%	39
4	WJIN News http://wjin.net/html/news/3368.htm	3.32%	37
5	About WJIN http://wjin.net/html/about_wjin.htm	3.14%	35
.6-	World Justice Information Network http://wjin.net/html/home_page.cfm	3.05%	34
7	Password Recovery http://wjin.net/html/password_recovery.htm	2.78%	31
8	Search Results http://wjin.net/html/search_results.cfm	2.6%	29
9	WJIN News http://wjin.net/html/news/3401.htm	2.15%	24
10	WJIN News http://wjin.net/html/news/3378.htm	1.97%	22
	Total For the Pages Above (only sessions starting on a valid document type are included)	56.33%	627

Single Access Pages

This section identifies the pages on your Web site that visitors access and exit without viewing any other page. The percentages refer to the total number of user sessions that started with a valid Document Type. If the session started on a document with a different type (such as a graphic or sound file), the file is not be counted as an Entry Page, and the session is not counted in the total



http://216.205.120.173/report/index b.htm

	Single Access Pages		
	Pages	% of Total	User Sessions
1	World Justice Information Network – Logon Page http://wjin.net/index.htm	44.78%	292
2	WJIN News http://wjin.net/html/news/3368.htm	3.98%	26
3	Password Recovery http://wjin.net/html/password_recovery.htm	3.22%	21
4	WJIN News http://wjin.net/html/news/3019.htm	2.76%	18
5	WJIN News http://wjin.net/html/news/3380.htm	2.45%	16
.6	WJIN News http://wjin.net/html/news/3378.htm	2.3%	15
7	Personal Registration http://wjin.net/html/personal_registration.cfm	2.3%	15
8	WJIN News http://wjin.net/html/news/3401.htm	2.14%	14
9	WJIN News http://wjin.net/html/news/3370.htm	1.22%	8
10	WJIN News http://wjin.net/html/news/3371.htm	1.22%	8
	Total For the Pages Above	66.41%	433

Top Paths Through Site

This section identifies the paths people most often follow when visiting your Web site. The path begins at the page of entry and shows the next six consecutive pages viewed.

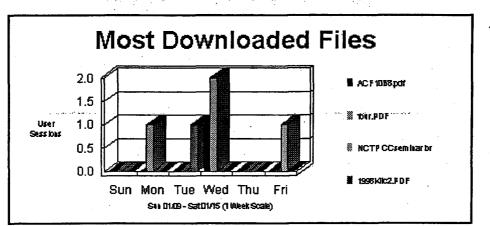
	Top Paths Through Site		
	Pages	% of Total	User Sessions
1	1. http://wjin.net/index.htm	26.23%	292
2	1. http://wjin.net/html/news/3368.htm	2.33%	26
3	1. http://wjin.net/html/password_recovery.htm	1.88%	21
4	1. http://wjin.net/index.htm 2. http://wjin.net/html/about_wjin.htm	1.7%	19
5	1. http://wjin.net/index.htm 2. http://wjin.net/html/personal_registration.cfm	1.61%	18
6	1. http://wjin.net/html/news/3019.htm	1.61%	18
7	1. http://wjin.net/html/news/3380.htm	1.43%	16
8	1. http://wjin.net/html/news/3378.htm	1.34%	15
9	1. http://wjin.net/html/personal_registration.cfm	1.34%	15
10	1. http://wjin.net/html/news/3401.htm	1.25%	14

http://216.205.120.173/report/index b.htm

Total For the Paths Above	40.79%	454

Most Downloaded Files

This section identifies the most popular file downloads of your Web site. If an error occurred during the transfer, that transfer is not counted.

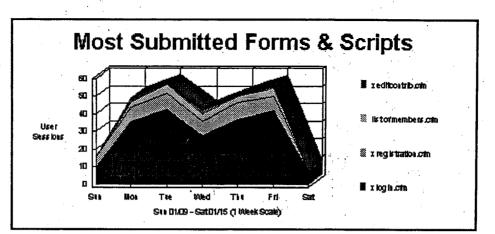


	Most Downloaded Files					
	File	No. of Downloads	% of Total Downloads	User Sessions		
1	http://wjin.net/UPLOAD/docs/ACF10B8.pdf	20	66.66%	1		
2	http://wjin.net/UPLOAD/docs/four.PDF	3	10%	3		
3	http://wjin.net/UPLOAD/docs/NCTP_CCseminar_brief1.pdf	2	6.66%	1		
4	http://wjin.net/UPLOAD/docs/1998KIIc2.PDF	1	3.33%	1		
5	http://wjin.net/UPLOAD/docs/1998KIIc1.PDF	1	3.33%	1		
6	http://wjin.net/UPLOAD/docs/1999Cla1.PDF	1	3.33%	1		
7	http://wjin.net/UPLOAD/docs/ocwatch0399.PDF	1	3.33%	1		
8	http://wjin.net/UPLOAD/docs/ocwatch999.pdf.PDF	1	3.33%	1		
	Total For the Files Above	30	100%	N/A		

Most Submitted Forms and Scripts

This section identifies the most popular forms or scripts executed by your server. WebTrends counts any line with a Post command or a Get command with a "?" as a form or script, and shows only successful hits.

http://216.205.120.173/report/index_b.htm

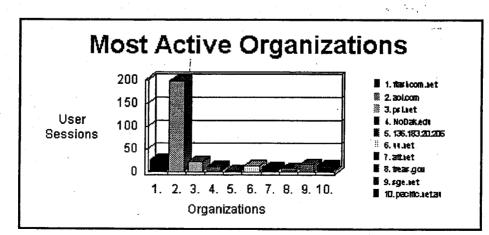


Most Submitted Forms & Scripts					
	Forms and/or Scripts	No. of Forms		User Sessions	
1	http://wjin.net/x_login.cfm	321	30.19%	203	
2	http://wjin.net/html/x_registration.cfm	132	12.41%	50	
3	http://wjin.net/html/list_of_members.cfm	119	11.19%	20	
4	http://wjin.net/html/x_editcontrib.cfm	86	8.09%	5	
5	http://wjin.net/html/search_results.cfm	74	6.96%	44	
6	http://wjin.net/html/x_publishnews.cfm	68	6.39%	7	
7	http://wjin.net/html/x_account_review2.cfm	50	4.7%	17	
8	http://wjin.net/html/control_panel.cfm	42	3.95%	16	
9	http://wjin.net/html/home_page.cfm	30	2.82%	22	
10	http://wjin.net/html/x_lookup.cfm	23	2.16%	17	

Most Active Organizations

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This section identifies the companies or organizations that accessed your Web site the most often.

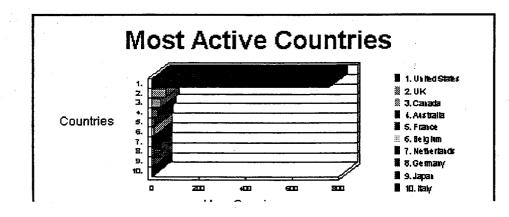


http://216.205.120.173/report/index b.htm

	Most Active Organizati	ons		
	Organizations	Hits	% of Total Hits	User Sessions
1	flashcom.net	1422	18.58%	25
-2	America Online aol.com	269	3.51%	197
3	Performance Systems International Inc. psi.net	181	2.36%	21
4	North Dakota Higher Education Computer Network NoDak.edu	133	1.73%	11
5	136.183.20.206	122	1.59%	2
6	Uunet Technologies Inc. uu.net	115	1.5%	13
7	At&T Easylink Services att.net	90	1.17%	9
8	U.s. Treasury - Bureau Of Public Debt treas.gov	89	1.16%	7
9	<u>sge.net</u>	87	1.13%	16
10	pacific.net.au	82	1.07%	12
	Subtotal For Companies Above	2590	33.85%	313
	Total For the Log File	7650	100%	1250

Most Active Countries

This section identifies the top locations of the users of your site by country. The country of the user is determined by the suffix of their domain name. Use this information carefully because this information is based on where the domain name of the visitor is registered, and may not always be an accurate identifier of the actual geographic location of this visitor (for example, individual visitors will often be seen as coming from the state where their ISP is registered.)



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User Sessions

	Most Active Countries Countries	User Sessions
1	United States	759
2	UK	62
3	Canada	41
4	Australia	26
5	France	14
6	Belgium	10
7	Netherlands	10
8	Germany	9
9	Japan	8
	Italy	8
11	Sweden	5
12	Estonia	5
13	Finland	5
14	South Africa	5
15	Russian Federation	4
	Total	971

Summary of Activity by Day

This section outlines general server activity, comparing the level of activity on weekdays and weekends. Values in the table do not include erred hits.

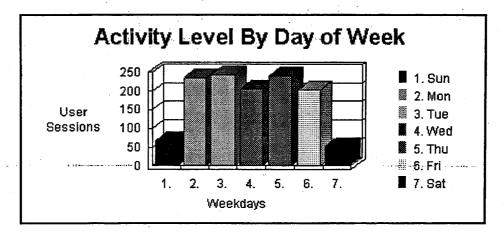
Summary of Activity by Day				
Average Number of Users per day on Weekdays	0			
Average Number of Hits per day on Weekdays	0			
Average Number of Users per day on the Weekend	1250			
Average Number of <i>Hits</i> per day on the Weekend	7650			
Most Active Day of the Week	Mon			
Least Active Day of the Week	Sat			
Most Active Day Ever	January 15, 2000			
Number of Hits on Most Active Day	7650			
Least Active Day Ever	January 15, 2000			
Number of Hits on Least Active Day	7650			



Activity Level by Day of Week

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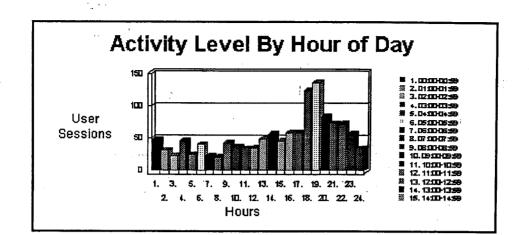
This section shows the activity for each day of the week for the report period (i.e. if there are two Mondays in the report period, the value presented is the sum of all hits for both Mondays.) The Total Weekdays line indicates the number of hits occurring Monday through Friday of the report period. The Total Weekends line indicates the number of hits occurring Saturday and Sunday of the report period. Values in the table do not include erred hits.



	Activity Level by Day of the Week				
- 	Day	Hits	% of Total Hits	User Sessions	
1.	Sun	269	3.51%	68	
2	Mon	1614	21.09%	235	
3	Tue	1479	19.33%	243	
4	Wed	1454	19%	207	
5	Thu	1477	19.3%	241	
6	Fri	1119	14.62%	203	
7	Sat	238	3.11%	53	
	Total Weekdays	7143	93.37%	1129	
	Total Weekend	507	6.62%	121	

Activity Level by Hour of the Day

This section shows the most and the least active hour of the day for the report period. The second table breaks down activity for the given report period to show the average activity for each individual hour of the day (if there are several days in the report period, the value presented is the sum of all hits during that period of time for all days).



Activity Level by	Hour of the Day
Most Active Hour of the Day	18:00-18:59
Least Active Hour of the Day	04:00-04:59

Activity Level by Hours Details				
Hour	# of Hits	% of Total Hits	# of User Sessions	
00:00-00:59	175	2.28%	48	
01:00-01:59	159	2.07%	31	
02:00-02:59	149	1.94%	22	
03:00-03:59	145	1.89%	46	
04:00-04:59	92	1.2%	25	
05:00-05:59	117	1.52%	40	
06:00-06:59	103	1.34%	22	
07:00-07:59	107	1.39%	21	
08:00-08:59	158	2.06%	43	
09:00-09:59	119	1.55%	37	
10:00-10:59	137	1.79%	34	
11:00-11:59	220	2.87%	35	
12:00-12:59	252	3.29%	49	
13:00-13:59	302	3.94%	57	
14:00-14:59	397	5.18%	46	
15:00-15:59	364	4.75%	58	
16:00-16:59	712	9.3%	58	
17:00-17:59	787	10.28%	123	
18:00-18:59	850	11.11%	136	
19:00-19:59	808	10.56%	83	
20:00-20:59	601	7.85%	73	
21:00-21:59	478	6.24%	72	
22:00-22:59	276	3.6%	57	
23:00-23:59	142	1.85%	34	

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Total Users during Work Hours (8:00am- 5:00pm)	2661	34.78%	417
Total Users during After Hours (5:01pm-7:59am)	4989	65.21%	833

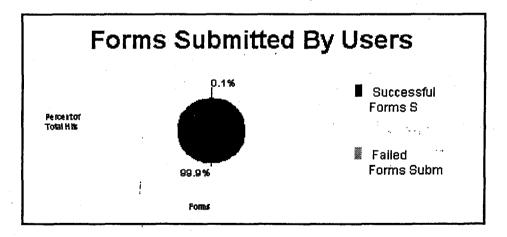
Technical Statistics and Analysis

This table shows the total number of hits for the site, how many were successful, how many failed, and calculates the percentage of hits that failed. It may help you in determining the reliability of your site.

Technical Statistics and Analysis			
Total Hits	9500		
Successful Hits	7650		
Failed Hits	1850		
Failed Hits as Percent	19.47%		
Cached Hits	1216		
Cached Hits as Percent	12.8%		

Forms Submitted By Users

This section shows the number of successful form submissions compared to the number that failed. Webtrends considers anything with Post command as a form.



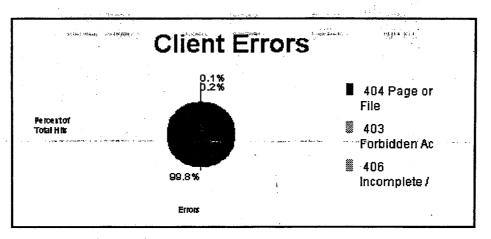
Forms Submitted By Users			
Туре	Hits	% of Total	
Successful Forms Submitted	1063	99.9%	
Failed Forms Submitted	1	0.09%	
Total	1064	100%	

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Client Errors

This section identifies the type of errors which were returned by the Client accessing your server.



Client Errors			
Error	Hits	% of Total	
404 Page or File Not Found	1841	99.78%	
403 Forbidden Access	3	0.16%	
406 Incomplete / Undefined	1	0.05%	
Total	1845	100%	

Server Errors

This section identifies by type the errors which occurred on your server.

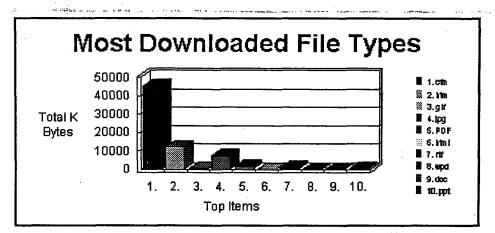
	Server Errors	
Percestor Tofai Hills	100.0%	
	Errors	. · · ·

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Server Errors		
Error	Hits	% of Tota
500 Internal Error	5	100%
Total	5	100%

Most Downloaded File Types and Sizes

This section identifies the download file types and the total kilobytes downloaded for each file type. Cached requests and erred hits are excluded from the totals.

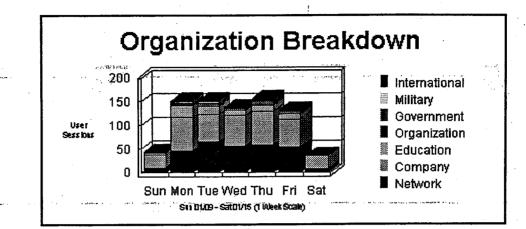


	Most downloaded File Types					
	File type	No. of Files	K Bytes Transferred			
1	cfm	2376	45,450K			
2	htm	1861	11,955K			
3	gif	1183	571K			
4	jpg	953	7,261K			
5	PDF	29	1,362K			
6	html	14	43K			
7	rtf	13	924K			
8	wpd	3	80K			
9	doc	1	92K			
10	ppt	1	282K			
	Total Files & K Bytes Transferred	6434	68,015K			

Organization Breakdown

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This section provides a breakdown by types of organizations (.com, .net, .edu, .org, .mil, and .gov.) This information can only be displayed if reverse DNS lookups have been performed.



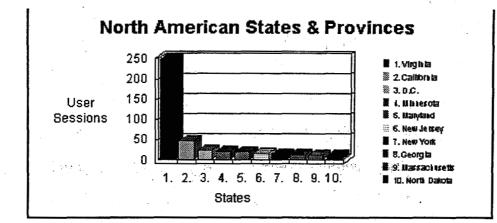
	Organization Breakdown					
		Organization	Hits	% of Total Hits	User Sessions	
1	Network		2794	56.04%	299	
2	Company		1220	24.47%	380	
3	Education		640	12.83%	80	
4	Organization		158	3.16%	27	
5	Government		128	2.56%	17	
6	Military		42	0.84%	5	
7	International		3	0.06%	1	
	Total		4985	100%	809	

North American States and Provinces

This section breaks down Web site activity to show which of the North American States and Provinces were the most active on your site. This information is based on where the domain name of the visitor is registered, and may not always be an accurate representation of the actual geographic location of this visitor. This information can only be displayed if reverse DNS lookups have been performed.



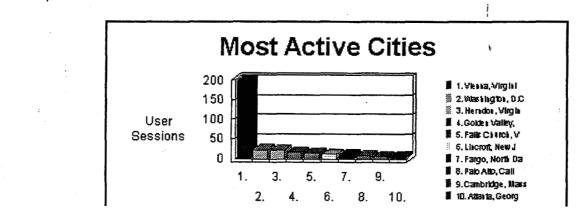
1-1-1/016 005 100 172 /ronort/index h htm



	State	User Sessions
1	Virginia	248
2	California	46
3	D.C.	23
4	Minnesota	21
5	Maryland	19
6	New Jersey	16
7	New York	14
8	Georgia	13
9	Massachusetts	12
10	North Dakota	11
	Total For the States Above	423

Most Active Cities

This section further breaks down your Web site's activity to show which cities were the most active on your site. This information is based on where the domain name of the visitor is registered, and may not always be an accurate representation of the actual geographic location of this visitor. This information can only be displayed if reverse DNS lookups have been performed.

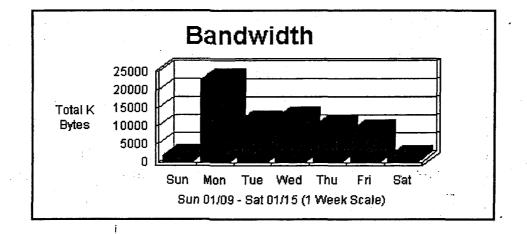


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	Cities	
r		
	Activity by City	
	City, State	User Sessions
1	Vienna, Virginia, United States	197
2	Washington, D.C., United States	23
3	Herndon, Virginia, United States	21
4	Golden Valley, Minnesota, United States	17
5	Falls Church, Virginia, United States	13
6	Lincroft, New Jersey, United States	12
7	Fargo, North Dakota, United States	11
8	Palo Alto, California, United States	9
.9	Cambridge, Massachusetts, United States	7
10	Atlanta, Georgia, United States	7
	Total For the Cities Above	317

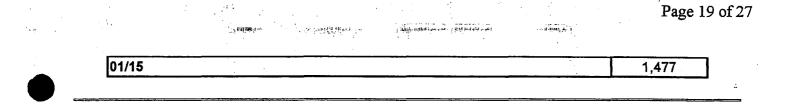
Bandwidth

This section helps you understand the bandwidth requirements of your site by indicating the volume of activity as Kbytes Transferred.



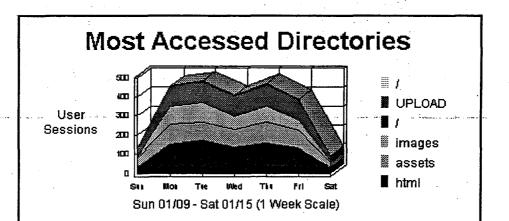
	Bandwidth	
	Time Interval	KBytes Transferred
01/09		1,708
01/10	ę	22,910
01/11		11,234
01/12		12,252
01/13		9,803
01/14		8,634

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Most Accessed Directories

This section analyzes accesses to the directories of your site. This information can be useful in determining the types of data most often requested.



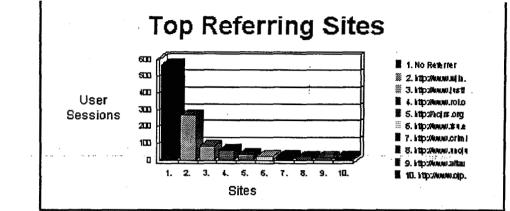
Most Accessed Directories					
Path to Directory	Hits	% of Total Hits	Non Cached %	Non Cached K xfered	User Sessions
http://wjin.net/html	3331	43.54%	99.27%	51,680K	808
http://wjin.net/assets	1662	21.72%	82.37%	5,205K	567
http://wjin.net/images	1530	20%	47.84%	2,091K	413
http://wjin.net/	1029	13.45%	90.28%	5,488K	609
http://wjin.net/UPLOAD	87	1.13%	98.85%	3,554K	19
http://209.35.43.149/	11	0.14%	100%	0K	1

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Top Referring Sites

This section identifies the domain names or numeric IP addresses with links to your site. This information will only be displayed if your server is logging this information.

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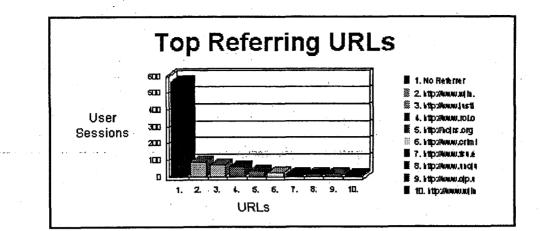
	Top Referring Sites	
- - Anno - yre	Site	User Sessions
1	No Referrer	569
2	http://www.wjin.net/	265
3	http://www.justinfo.net/	84
4	http://www.rol.org/	59
5	http://ncjrs.org/	32
6	http://www.fsu.edu/	23
7	http://www.criminology.com/	23
8	http://www.unojust.org/	19
9	http://www.altavista.com/	15
10	http://www.ojp.usdoj.gov/	14
11	http://www.geocities.com/	9
12	http://f2.mail.yahoo.com/	8
13	http://talkjustice.com/	6
14	www.nettrace.com.au/	6
15	[unknown+origin]	5
16	www.pili.org/	5
17	http://202.14.67.15/	4
18	http://www.ncjrs.org/	4
19	http://infoseek.go.com/	3
20	http://f21.mail.yahoo.com/	3
	Sub Total for the Referring Sites Above	1156
	Total for the Log File	1250

Top Referring URLs

This section provides the full URLs of the sites with links to your site. This information will only be displayed if your server is logging the referrer information.

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	Top Referring URLs	· · ·
**** = ** ** **	URL	User Sessions
1	No Referrer	569
2	http://www.wjin.net/	88
3	http://www.justinfo.net/	70
4	http://www.rol.org/	59
5	http://ncjrs.org/intlhome.htm	32
6	http://www.criminology.com/	22
7	http://www.fsu.edu/~crimdo/info.html	18
8	http://www.unojust.org/	18
9	http://www.ojp.usdoj.gov/nij/other.htm	14
10	http://www.wjin.net/html/news/3368.htm	13
11	http://www.wjin.net/html/personal_registration.cfm	11
12	http://www.wjin.net/html/news/3401.htm	9
13	http://www.wjin.net/html/news/3380.htm	9
14	http://www.wjin.net/html/news/3367.htm	7
15	www.nettrace.com.au/resource/associated/intelligence.htm	6
16	http://www.justinfo.net/index.htm	6
17	http://www.wjin.net/index.htm	6
18	http://www.wjin.net/html/news/3339.htm	6
19	http://www.wjin.net/html/news/3358.htm	5
20	http://www.geocities.com/Vienna/Opera/1521/freshpetals.html	5
	Sub Total for the Referrers Above	973
	Total for the Log File	1250

Top Search Engines

The first table identifies which search engines referred visitors to your site the most often. Note that each search may contain several keywords. The second table identifies the main keywords for each search engine.

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	Top Search Engines		
	Engines	Searches	% of Total
1	AltaVista	19	100%
	Total of Searches for the Engines Above	19	100%
	Total of Searches for the Log File	19	100%

Top Search Engines with Keywords Detail				
Engines	Keywords	Keywords Found	% of Total	
AltaVista	password	10	52.63%	
	recovery	9	47.36%	
ar an	justice	6	31.57%	
· · · · · · · · · · · · · · · · · · ·	world	3	15.78%	
· · · · · · · · · · · · · · · · · · ·	drug	2	10.52%	
	cartels	2	10.52%	
	network	2	10.52%	
· · · · · · · · · · · · · · · · · · ·	information	2	10.52%	
	file	1	5.26%	
	infonetwork	1	5.26%	

Top Search Keywords

The first table identifies keywords which led the most visitors to your site (regardless of the search engine). The second table identifies, for each keyword, which search engines led visitors to your site.

	Top Search Keywords				
	Keywords	· · ·	Keywords found	% of Total	
1	password		10	20.83%	
2	recovery	i	9	18.75%	
3	justice	· · · · ·	6	12.5%	
4	world	÷	3	6.25%	
5	information		2	4.16%	
6	cartels	•	2	4.16%	
7	drug		2	4.16%	
8	network		2	4.16%	
9	cars	· · · · · · · · · · · · · · · · · · ·	1	2.08%	
10	stolen		1	2.08%	
	Total Found for the Keywords Above		38	79.16%	

Total of Keywords Found in the Log File

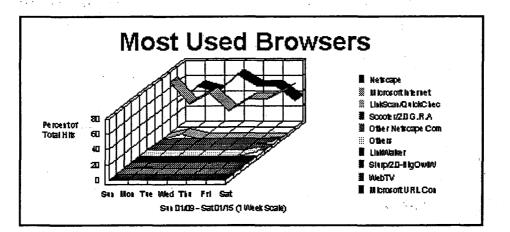
100%

48

Top Search Keywords with Engines Detail				
Keywords	Engines	Searches	% of Total	
password	AltaVista	10	20.83%	
recovery	AltaVista	9	18.75%	
justice	AltaVista	6	12.5%	
world	AltaVista	3	6.25%	
information	AltaVista	2	4.16%	
cartels	AltaVista	2	4.16%	
drug	AltaVista	2	4.16%	
network	AltaVista	2	4.16%	
cars.	AltaVista	1	2.08%	
stolen	AltaVista	1	2.08%	

Most Used Browsers

This section identifies the most popular WWW Browsers used by visitors to your site. This information will only be displayed if your server is logging the browser/platform information.



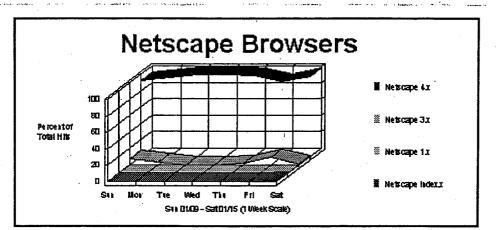
	Top Brows	sers	· · · · · · · · · · · · · · · · · · ·	
	Browser	Hits	% of Total Hits	User Sessions
1	Netscape	4073	53.24%	395
2	Microsoft Internet Explorer	3240	42.35%	713
3	LinkScan/QuickCheck/6.1 Windows http://www.elsop.com/	95	1.24%	0
4	Scooter/2.0 G.R.A.B. V1.1.0	61	0.79%	40
5	Other Netscape Compatible	40	0.52%	17

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	Total For Browsers Above	7586	99.16%	1211
10	Microsoft URL Control - 5.01.4511	9	0.11%	0
9	WebTV	11	0.14%	. 9
8 ³	Slurp/2.0-BigOwlWeekly (spider@aeneid.com; http://www.inktomi.com/slurp.html)	15	0.19%	5
	LinkWalker	16	0.2%	11
6	Others	26	0.33%	21

Netscape Browsers

This section gives you a breakdown of the various versions of Netscape browsers that visitors to your site are using.



	Netscape E	Browsers		
,	Browser	Hits	% of Total Hits	User Sessions
1	Netscape 4.x	3966	97.37%	369
2	Netscape 3.x	105	2.57%	25
3	Netscape 1.x	1 .	0.02%	1
4	Netscape index.x	. 1	0.02%	0
	Total For Browsers Above	4073	100%	395

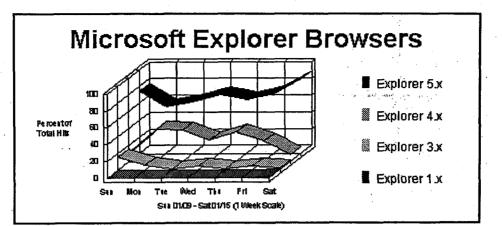
Microsoft Explorer Browsers

This section gives you a breakdown of the various versions of Microsoft Explorer browsers that visitors to your site are using.

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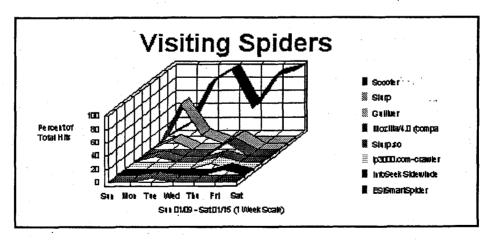
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Microsoft Explorer Browsers					
	an ban punguna di kaka in di kaki yan in di yak kakakat kanga ka	Browser	Hits	% of Total Hits	User Sessions
1	Explorer 5.x		2110	65.12%	453
2	Explorer 4.x		1009	31.14%	232
3	Explorer 3.x	· · · · · · · · · · · · · · · · · · ·	119	3.67%	26
4	Explorer 1.x	· · ·	. 2	0.06%	2
	Total For Brows	sers Above	3240	100%	713

Visiting Spiders

This section identifies all robots, spiders, crawlers and search services (i.e. Alta Vista, Lycos, and Excite) visiting your site.



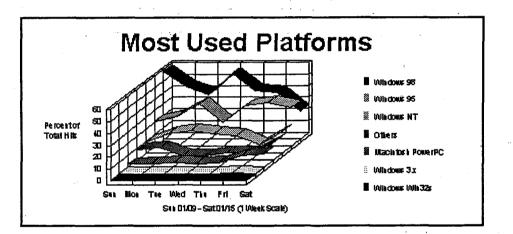
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	Visiting Spiders			
	Spider	Hits	% of Total Hits	User Sessions
1	Scooter	61	64.21%	40
2	Slurp	15	15.78%	5
3	Gulliver was provided a spectrum and the second	• 7	7.36%	5
4	Mozilla/4.0 (compatible; MSIE 4.01; MSIECrawler; Windows 95)	4	4.21%	1
5	Slurp.so	4	4.21%	2
6	ip3000.com-crawler	2	2.1%	1
7	InfoSeek Sidewinder	1	1.05%	1
8	ESISmartSpider	1	1.05%	1
	Total For Spiders Above	95	100%	56

Most Used Platforms

This section identifies the operating systems most used by the visitors to your Web site.



	Most Used P	latforms	·• · •	
÷.	Platform	Hits	% of Total Hits	User Sessions
1	Windows 98	3368	44.02%	437
2	Windows 95	2296	30.01%	391
3	Windows NT	1146	14.98%	200
4	Others	491	6.41%	168
5	Macintosh PowerPC	336	4.39%	46
6	Windows 3.x	9	0.11%	6
7	Windows Win32s	4	0.05%	2

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	Total For	Platform	ns Above			7650	100%	1250
	:				· · ·	<u> </u>		· · · · · · · · · · · · · · · · · · ·
			$\mathbb{W}^{\mathbb{Z}}$		EDS			
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Internet Grantees for the U.S.-Ukraine Research Partnerships Project

ZSU (Denisova) - \$2,000 Supreme Court - \$10,000 National Police Academy, Kiev - \$15,000 InfoCenter, MIA - \$30,000 Kyiv Regional Center, Ukrainian Academy of Law Sciences (KRC, UALS) - \$10,000 Organized Crime Research Institute, National Police Academy - \$10,000 KRC, UALS (Zakalyuk) - \$8,000 KRC, UALS (Schvets) - \$5,000 Odessa Law Academy (Dremin) - \$3,000 Odessa Law Academy (Tuliakov) - \$4,000 UALS (Velikanov) - \$2,000 Inst for State and Law, Kiev - \$8,000 UALS (network) - \$25,000 SBU (academy) - \$10,000 UALS (Saltevsky) - \$3,000 UALS (Getman) - \$3,000 UALS (Zelenetsky - \$3,000 Police Academy, Kharkiv - \$10,000 Inst of Interior, Donetsk - \$5,000 Inst of Procuracy, Kiev - \$10,000 Ministry of Justice - \$10,000