

Skip navigation

PREDICT

Protected Repository for the Defense
of Infrastructure Against Cyber Threats

RTI Update
Charlotte Scheper
PI Meeting
March 21, 2011

Agenda

- Activities since last PI meeting
- User Statistics
- Updates to Infrastructure – v5.0
- Usability Testing Results
- Outreach Activities

PCC Activities

- Operational Updates
 - Investigating Google analytics
 - Other Metrics
 - Session Cookies
- Portal Updates
 - v4.3 launched
 - Page redesigns in progress: My ARB Issues, Publications & Authors, Account Request
 - More information for ARB

Compliance Activities

- **Certification & Accreditation**
 - Renewed ATO (03/02/11)
 - Revised System Security Plan
 - Onsite Testing
 - Document Review
 - Contingency Plan Test
- **Security**
 - Implemented Revised DHS Hardening Guidelines
 - Implemented New Continuous Monitoring Process
- **508 Compliance**
 - Outstanding issues are being addressed

User Stats

- Record Number of Account Requests
 - February: 15
 - Through March 15: 11
- Dataset Requests Since Last PI Meeting:
 - 13 received
 - 8 approved
 - 5 pending MOA

Dataset Users

- From March 2008 to March 2011 we have approved access to 431 datasets
- Check out this stats report on the portal

Organizations*

Eligible

- Academia 64
- Government 12
- Private Sector 66

Ineligible

- International 23

*March 2008 to March 2011 to date

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Dataset Utilization

Organization	Dataset Category	# Requestors	# Datasets Requested	# Datasets in Category
Organization 1*	Anonymized Denial-of-Service Backscatter Data	3	5	5
Organization 1	Internet Topology Data	0	0	2
Organization 1	IP Packet Headers	4	8	3
Organization 2 **	Enterprise Data from Internal LBNL networks	1	246	246
Organization 3	BGP Routing Data	1	1	1
Organization 3	Traffic Flow Data	3	11	4
Organization 4	Blackhole Address Space Data	7	40	9
Organization 5	BGP Routing Data	3	3	11
Organization 5	VOIP Topology Data	1	1	1
Organization 6	Internet Topology Data	6	65	110
Organization 6	IP Packet Headers	15	52	16

* Organization 1 no longer offers these data.

** Organization 2 no longer participates in PREDICT.

March 2008 to March 2011 to date

Updates to infrastructure – v5.0

- Revamped pages: Public Home, Publications/Authors, My ARB Issues, Account Request
- Dataset Delivery Confirmation
- Automated Expiration Process
- Tentative Rollout at End of April

The screenshot shows the PREDICT website interface. At the top, there is a navigation bar with the text "Skip navigation" and "PREDICT Protected Repository for the Defense of Infrastructure Against Cyber Threats". Below this is a header with "Home" and "PREDICT Portal" links, and "Login | Help | Contact Us" on the right. The main content area is titled "PREDICT OVERVIEW" and contains a sidebar with a menu of links: "PREDICT Overview", "About PREDICT", "Dataset Categories", "Research Publications", "PREDICT News", and "Account Request". The main text area provides a description of PREDICT and lists links for "About PREDICT", "Dataset Categories", "Research Publications", "PREDICT News", and "Account Request". The footer contains copyright information: "Copyright © 2005-2011, RTI International | v5.0.152 PREDICT_Dev | Privacy Statement | Terms of Use | Adobe Reader Plug-In".

Usability Testing Results

- 8 participants
 - 2 Data Providers
 - 2 Researchers
 - ARB Chair and PCC Contact
 - DHS contact and Legal Counsel
- Feedback and suggestions captured

Outreach Activities

- Presentation to DHS BAA Industry Day
- Paper at BADGERS workshop