NISHA – Network for Information Sharing and Alerting

Przemek Jaroszewski
CERT Polska/ NASK
Why NISHA?

• We need outreach!
• World needs security news from reliable sources
• Nobody wants overlaps at work
• One ring (of nodes) to rule them all!
NISHA can be...

• a platform to make your research and alerts available to others, including media
  – vulnerability reports, advisories,
  – malware analysis,
  – trend analysis, etc.

• a digital library to search for valuable content created by others

• source for information for alerting and raising awareness in your constituency

• cooperative effort to produce, share and enrich quality information while reducing overlaps
NISHA network topology
Technologies used in prototype

• CouchDB – a document oriented database
  – focused on articles (CouchDB docs)
  – HTML/JSON
  – supports media of all types (as attachments)
  – replication of information between nodes, with fault tolerance mechanism
  – built-in revisioning

• Drupal – portal for users and administrators of the network
  – access controls
  – search interface
  – themes
Where are we?

• Heading towards a joint project of CERT Hungary, CERT.PT, CERT Polska and University of Gelsenkirchen (supported by EC)
• Pretty clear concept and a working prototype
• Legal aspects (eg. content licenses) researched
• Soon to host local workshops, to attract local attention
What we need?

• Information producers
• Information brokers
• Start snowball effect
• At least someone to take a look and test it in practice
Thank you!

If interested in NISHA, contact me or...

http://nisha-network.eu/the-project