

# Social Hacking with GlobaLeaks

Secure and anonymous Open Source Whistleblowing  
platform

# Whistleblowing

- Whistleblower speaks up in the public interest on an issue
- Related to Transparency and Public Disclosure
- Whistleblowing is not just Wikileaks

# The WB ecosystem



# Whistleblowing International Network



- A network of researchers and organizations dedicated to WB
- Internation Whistleblowing Conference in London

# Existing platform

- Anonymity is not technologically supported
- Security is not verified by third parties
- Closed source, no implementation details
- Improvements are limited to vendors will



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## HELP DRIVE A CULTURE OF ETHICS AND INTEGRITY

BACARDI LIMITED strives to ensure responsibility and accountability. We believe that every person at every level within our organization has an obligation to perform his or her duties with the highest degree of honesty and integrity. Only when this occurs can we ensure that we are meeting our business obligations, observing our values and protecting our reputation.

Your voice is important! BACARDI LIMITED relies on you speak up if you believe that you have observed unethical, illegal or suspicious behavior. When you speak up, you provide the information necessary to investigate and remedy a potentially damaging situation. Such situations may pertain to:

- Diversity, Equal Opportunity and Respect in the Workplace
- Environment, Health and Safety
- Financial and Business Integrity
- Misuse or Misappropriation of Corporate Assets or Information
- Securities Fraud, Financial Reporting or Auditing
- Health and Medical Services

This Website enables you to confidentially, anonymously and openly communicate a suspicion of business misconduct to our management or board of directors. If you are reporting your allegation or concern in good faith, please be assured that you will not be subjected to retaliation or punishment.

To file a report, click the **Submit a Report** link below. You may also follow up on a report that you have previously submitted, by clicking the **Submit a Follow-up Report** link below.



[Submit a Report](#)

### PERSONS INVOLVED

Please provide your name and contact information unless you choose to remain anonymous:

☐ I do not wish to provide my name.

OR

Title:

First Name:

Last Name:

Job Title:

Phone Number: (Area Code then Number)

E-mail Address:

Please provide all information you have on any people involved in this incident:

Role in Incident: [HELP](#)

1

First Name:

Last Name:



You have a maximum of 20 minutes to fill in and submit this questionnaire.

If you have large amounts of text to send, it may be easiest to put it in a file, and attach that to your questionnaire.

Please complete all of the initial questions and provide clarification in the free text field at the end.

## – Type of Fraud –

Does this report relate to the EU?

How do the irregularities, fraud or corruption you want to report relate to the European Union?

Select one or both of the checkboxes below.

☐ Irregularities detrimental to EU Budget

☐ Irregularities committed by persons working for the EU

What irregularities are you reporting?

Select irregularity ...

If you select other, give details in text box below

### Basic Details

OLAF is interested in fraud, corruption and other illegal activity affecting the financial interests of the European Community.

## – When did this occur? Have you already reported it? –

Dates:

☐ Do you know when the irregularities occurred?

Reported:

Have you already reported these irregularities to other bodies or authorities?

☐ Yes

☐ No

☐ No answer

### Dates

Please select the years in which these events happened.

You can use the CTRL key to select more than one year.

#### Instruction

Your incident will be instantly submitted and assured anonymity unless otherwise requested.

The organization reserves the right to acknowledge its response or actions pursuant to criminal investigation.

#### PLEASE NOTE: IF THE REPORT IS ANONYMOUS

The following sections are where you will provide details.

Please submit your incident details in the text field and the name will populate.

In the fields below, please describe in your own words the facts as you can that might be related to the incident.

Try to be as specific as you can about names, dates, times, and who was involved. Include the location if possible.

Please ensure to turn off the pop-up blocker for this site.

Has the incident been reported to a supervisor in the past? ☐ Yes ☒ No

Who has the incident been reported to?

Are you a current employee? ☒ Yes ☐ No

#### Step 3: Correspondence

\*Has the incident been reported to anyone outside the organization? ☐ Yes ☒ No

\*Are there any witnesses? ☐ Yes ☒ No

Further Description

#### Step 4: Individuals Involved

Please list the individuals who might be involved

#### Step 5: Confidentiality

\*Define level of anonymity ☒ -----

Additional thoughts and comment

Attach relevant documents or pictures if you have any

File Upload

File 1  No file chosen

File 2  No file chosen

Strictly Anonymous  
Anonymous to Your Organization  
Private Personal Contact Info



# Where WB is used

- Old-Media and New-Media
- Transparency Activism
- Citizen driven initiatives
- Private and Public organizations

# LeakDirectory

- Most comprehensive whistleblowing resource
- Community driven, wiki
- In future it will allow WB the right site for their submission
- <http://leakdirectory.org>

Sounds good?

# Why GlobaLeaks?

- To promote whistleblowing across civil society
- Allow people to easily start a WB initiative
- Be flexible to suit every need

# GL Dependencies



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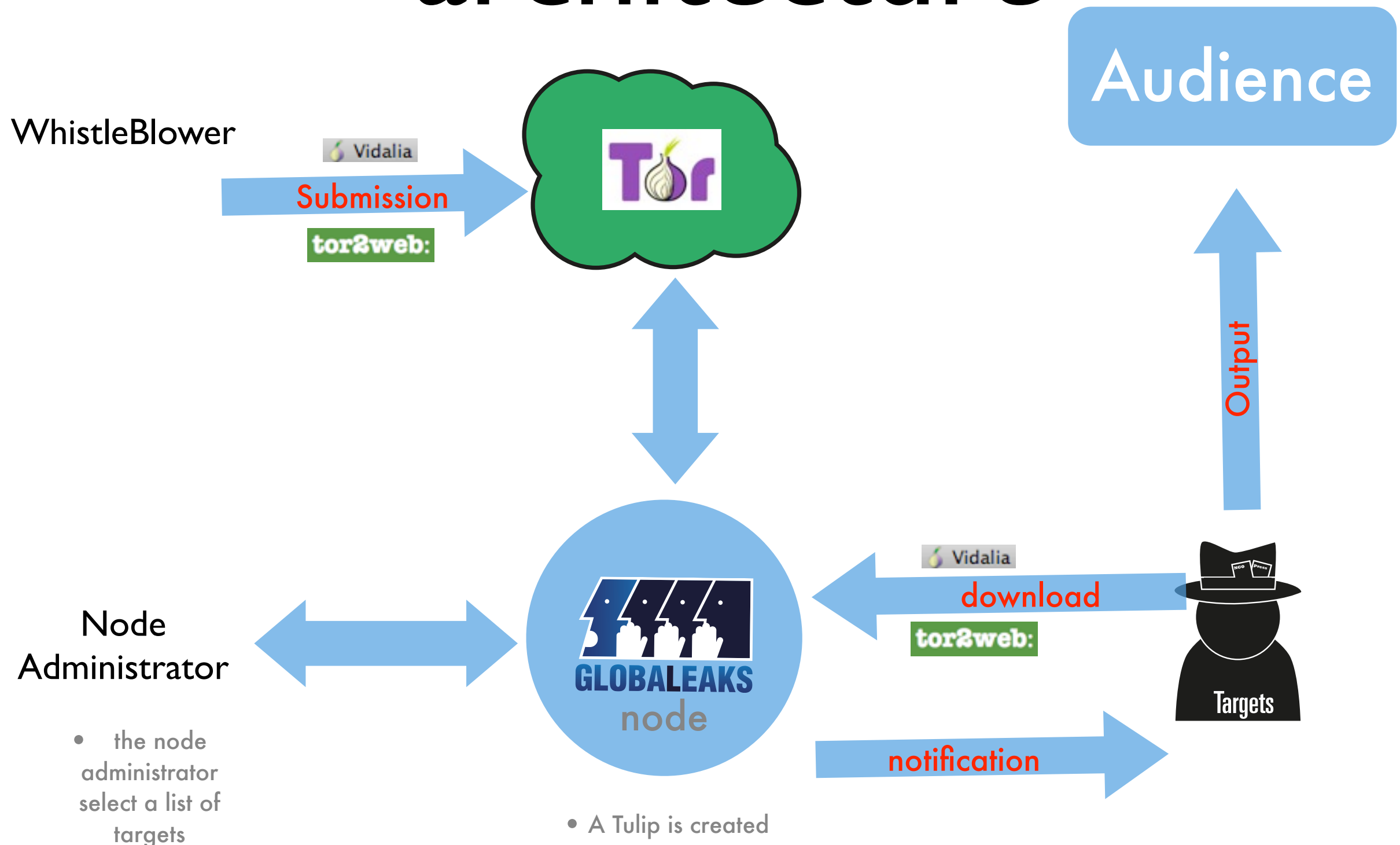
# GlobalLeaks actors

- **Node Administrator**
  - Sets up and promotes a site on a Topic
- **Whistleblower**
  - Has material to share on the Topic
- **Receivers**
  - Is knowledgeable in the Topic and will make information into action

# GlobalLeaks issues

- Anonymous and secure by default
- Simple to deploy
- Easy to use by the WB in any environment
- Customizable usability/security-anonymity tradeoff

# GlobalLeaks architecture



# GlobalLeaks deployment

- Self contained system (ie: GlobalLeaks.exe)
- Automatic exposure (Tor HS / Tor2web)
- Can be published and indexed by LeakDirectory
- Build Free Mobile Application

# GL Cross-platform

- Usable on Mobile, web, desktop, fax etc.



# GlobalLeaks 0.1

- Resilient file upload
- Anonymity of WB
- Customizable submission fields (XML)
- Submission receipt for WB-Receiver interaction
- Unique, Temporary URI for tip access
  - Comment / Statistics
- **TorCheck** (<https://github.com/globaleaks/TorCheck>)
  - Anonymity awareness for Whistleblower
  - Web widget for Anonymity checking

# GlobalLeaks 0.1

- Demo!

# GlobalLeaks 0.1 issues

- Low responsiveness over Tor HS (white page effect)
- Limitation of MVC framework
- Not properly designed
- Not modularized
- Big code base

# GlobalLeaks future

- Modularized
- GLClient and GLBackend separation
- Future features on: <https://github.com/globaleaks/GlobalLeaks/issues>

# GLBackend

- Flask
- SQLAlchemy
- Modular storage system
- Modular notification system



# GLClient

- Backbone.js
- Require.js for minify and uglify
- Preloaded into browser
- Let's show some mockups of how it looks like

# Fax2social

- Allows people to submit documents through fax machines
- Through in the internet kill switch use case
- Automatic OCR
- One number for each nation
- Anonymizing of sender data

# Tor2web

- Exposes Tor Hidden Services to the surface web
- Tomorrow we will go into more detail

# Let's setup a GlobaLeaks node

- Howto: <https://github.com/globaleaks/GlobaLeaks/wiki>
- Configuration: <https://github.com/globaleaks/GlobaLeaks/wiki/Configurationfile>
- Let's setup a GlobaLeaks node!!