

## Instructions for Grantees

This form is designed to help us understand the challenges, triumphs and insights you experienced and gained while running your funded project/program. Please be frank - while we absolutely want to know about and celebrate your successes, it's just important to us that we understand what did not work so well. This will help us to learn what we and others could do differently next time.

You must complete and submit this form no later than the date stipulated in your funding agreement. However, should you not be able to meet the deadline please contact Gertrud to arrange an alternative date. If you fail to do so you may not be eligible to apply for further grants from **InternetNZ**.

The completion of this form should be overseen by someone with an intimate knowledge of the funded project/program.

## Mid-project Report

### **Project Title**

OpenLI - Open Source Lawful Interception

This question is read only.

### **Amount of funding granted from InternetNZ?**

\$20,000.00

Must be a dollar amount.

### **Please provide a short summary of the work that has been completed as part of this project/research**

OpenLI has met all the initial aims for the project. We have released the software, with several updates to add functionality and fix bugs. We have fully documented it and presented it at NZNOG, RIPE and LCA.

Since the grant, we have added an API for configuring captures, added encryption to secure communication between modules, added new encoding options to improve performance and added support for captures from Juniper BNGs.

OpenLI is now installed at several NZ ISPs although we do not have direct feedback to know the exact number.

We also have international uptake with an MVNO from Brasil now sponsoring the project and another contributor adding support for video streams.

Describe the 'who, what, where, when and why' of your initiative

### **When do you anticipate that your project will be completed?**

31/12/2019

Must be a date.

## Milestones

### **What have been the major achievements/steps (i.e. milestones) involved in delivering your project to date?**

Community Projects 2018/19  
 Community Projects mid-year report  
 Application CP000442018/19 From Dr Richard Nelson  
 Form Submitted 23 Oct 2019, 11:44am NZDT

Milestone	Description
Initial release	Initial code release Jan 2019
Presentation to NZNOG	A TICSA day was held with NZNOG 2019 in Napier. This included presentations from Inspire.net on their experience, NCSC and the Police and a tutorial on OpenLI
Presentation to LCA	Shane Alcock talked about OpenLI at LCA in Christchurch
Further releases	New releases of OpenLI were made in March and August. For details see <a href="https://github.com/wanduow/openli/releases">https://github.com/wanduow/openli/releases</a>  OpenLI is now available packaged for Debian and RedHat systems
Presentation to RIPE	Richard Nelson presented OpenLI to RIPE78 in Rejkjavik.
e.g. planning; major activities; evaluation	

**What findings have you made so far?**

OpenLI has met all the initial aims for the project. We have released the software, with several updates to add functionality and fix bugs. We have fully documented it and presented it at NZNOG, RIPE and LCA.

Since the grant, we have added an API for configuring captures, added encryption to secure communication between modules, added new encoding options to improve performance and added support for captures from Juniper BNGs.

**What (if anything) did you change in your approach and practices as your project/program/initiative proceeded, and why?**

Not really applicable to this project.

We may use this information to help inform others undertaking similar work

**Financial Report**

\* indicates a required field

**Project Income & Expenditure**

Please provide details of any project income (funds received) and project expenditure (funds spent) to date.

Use the 'Notes' column to provide any additional information you think we should be aware of.

Community Projects 2018/19  
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Income Description	Income Type	Confirmed Funding?	Income Amount (\$)	Notes
Sponsorship and Donations as described in grant application	Donations *	Confirmed *	\$82,000.00	All received
InternetNZ Community Grant	Philanthropic Grants	Confirmed	\$20,000.00	
New NZ sponsorship	Donations	Confirmed	\$15,000.00	
New International Sponsorship	Donations	Confirmed	\$15,000.00	Datora, Brazil

Expenditure Description	Expenditure Type	Expenditure Amount (\$)	Notes
Shane Alcock	Salaries and Wages *	\$100,000.00	University charge out rate
Tyler Marriner	Salaries and Wages	\$40,000.00	University charge out rate

Income and Expenditure Totals

Total Income Amount	Total Expenditure Amount	Income - Expenditure
\$132,000.00 This number/amount is calculated.	\$140,000.00 This number/amount is calculated.	-\$8,000.00 This number/amount is calculated.

**Have you experienced any issues with your intended project budget to date? If so, please explain reasons for any major variances or for providing incomplete information:**

No, all money received for the project is spent on development to further improve the software.

Certification and Feedback

Feedback

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Community Projects mid-year report  
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You are almost at the end of our application process. Before **Submitting** your application, please take a few moments to provide some feedback.

**Please indicate how you found the acquittal process:**

Very easy  Easy  Neutral  Difficult  Very Difficult

**How many minutes in total did it take you to complete this form?**

60

Estimate in minutes (i.e. 1 hour = 60 minutes)

**Please provide us with your suggestions about any improvements and/or additions to this form that you think we need to consider:**

It would be useful to pre-enter some details (such as grant amount) where possible