



# Product Launch OpenCRVS v1.3

11th October 2023

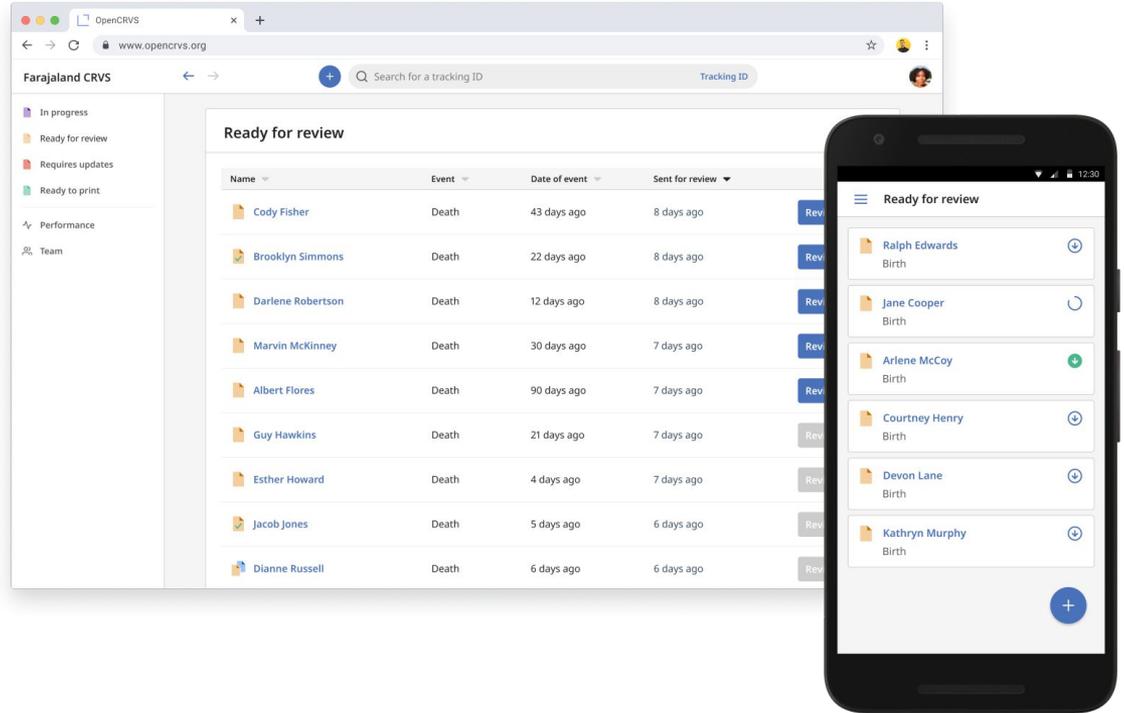


# Agenda

1. 2023 so far
2. Co-Develop investment
3. OpenCRVS v1.3
4. OpenCRVS around the world
5. SI Accreditation programme *teaser*
6. How to get involved

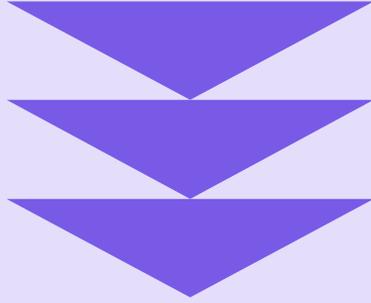
# OpenCRVS

An open-source, digital civil registration system designed to positively transform civil registration services in low-resource settings.



# 2023 so far

1. V1.2.0 and 1.2.1 releases
2. Hackathon @ID4Africa
3. G2P-Connect & Digital Convergence Initiative
4. Proof of Concepts in Cameroon, Mali & the Philippines
5. Design, build & test v1.3



# Co-Develop Investment



CO-DEVELOP



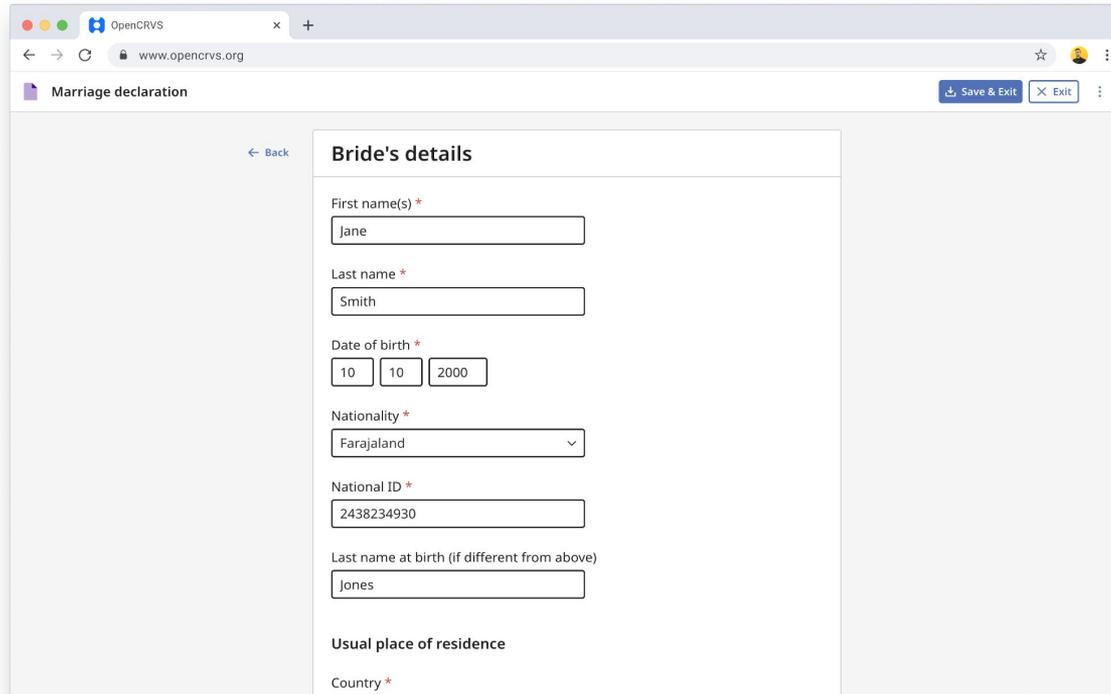
Christine Kim



# V1.3 Key Features

# Marriage registration

*OpenCRVS can now register births, deaths and marriages and is flexible enough to respond to all country contexts*



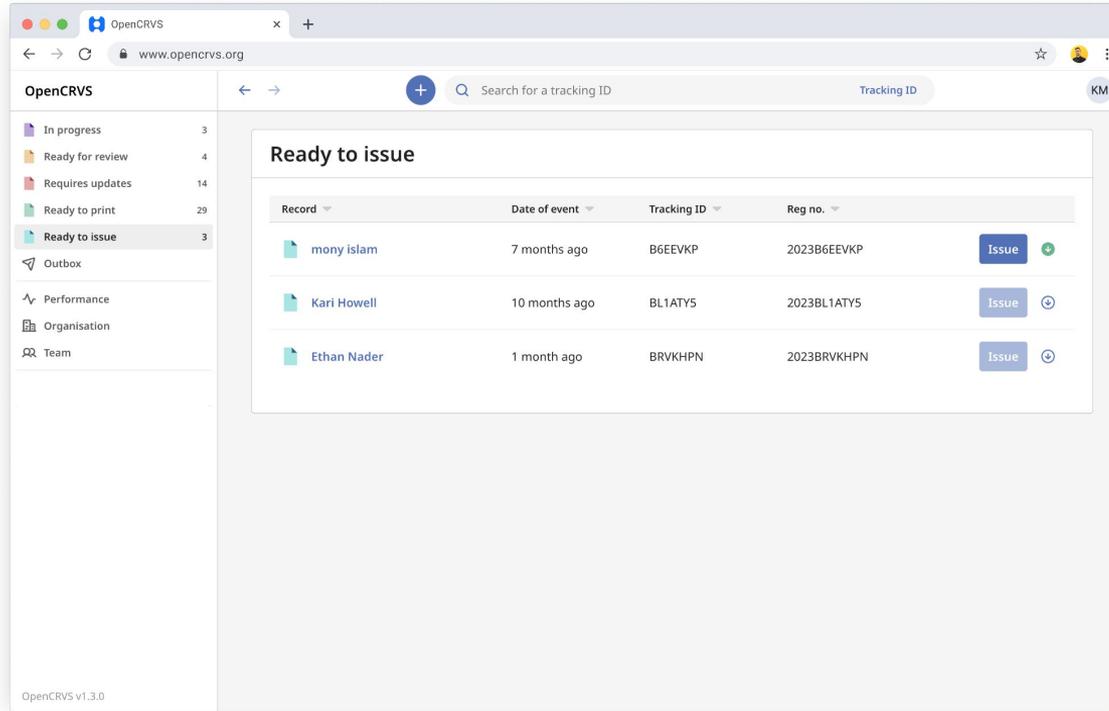
The screenshot shows a web browser window with the URL [www.opencrvs.org](http://www.opencrvs.org). The page title is "Marriage declaration". In the top right corner, there are buttons for "Save & Exit" and "Exit". A "Back" button is located on the left side of the form area.

The main form is titled "Bride's details" and contains the following fields:

- First name(s) \***: Text input field containing "Jane".
- Last name \***: Text input field containing "Smith".
- Date of birth \***: Date picker showing "10 / 10 / 2000".
- Nationality \***: Dropdown menu showing "Farajaland".
- National ID \***: Text input field containing "2438234930".
- Last name at birth (if different from above)**: Text input field containing "Jones".
- Usual place of residence**: Section header.
- Country \***: Text input field (partially visible).

# Track issuance of certificates

*Where certificates are printed in advance, OpenCRVS now tracks when the certificate has been issued to the applicant*



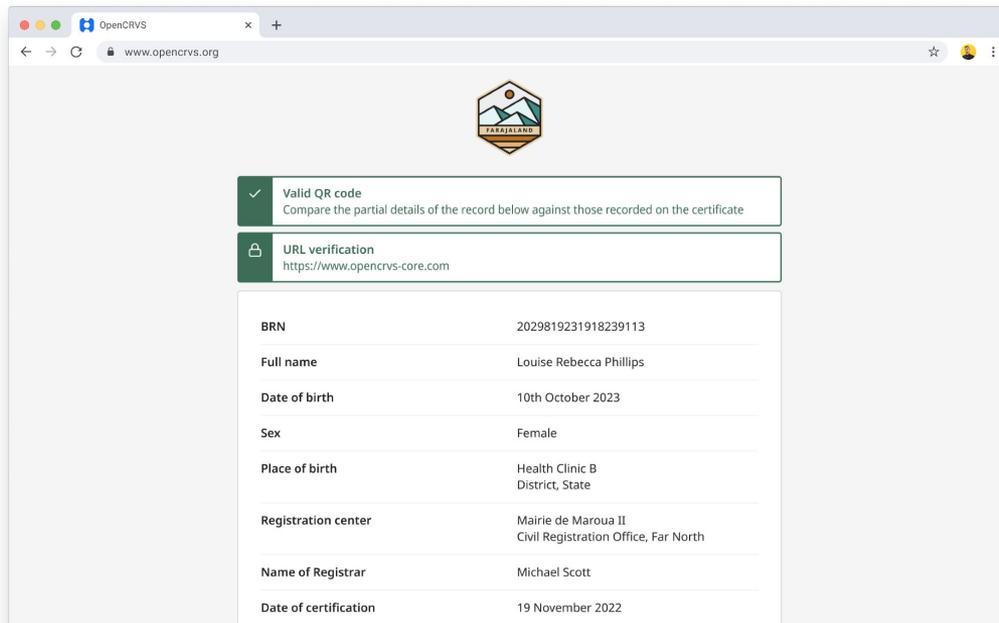
The screenshot shows the OpenCRVS web application interface. The browser address bar displays 'www.opencrvs.org'. The left sidebar contains a navigation menu with the following items: 'In progress' (3), 'Ready for review' (4), 'Requires updates' (14), 'Ready to print' (29), 'Ready to issue' (3), 'Outbox', 'Performance', 'Organisation', and 'Team'. The main content area is titled 'Ready to issue' and features a table with the following columns: 'Record', 'Date of event', 'Tracking ID', and 'Reg no.'. Each row includes an 'Issue' button with a status indicator (green plus, grey minus, or grey circle with plus).

| Record      | Date of event | Tracking ID | Reg no.     | Issue     |
|-------------|---------------|-------------|-------------|-----------|
| mony islam  | 7 months ago  | B6EEVKP     | 2023B6EEVKP | Issue (+) |
| Kari Howell | 10 months ago | BL1ATY5     | 2023BL1ATY5 | Issue (-) |
| Ethan Nader | 1 month ago   | BRVKHPN     | 2023BRVKHPN | Issue (+) |

OpenCRVS v1.3.0

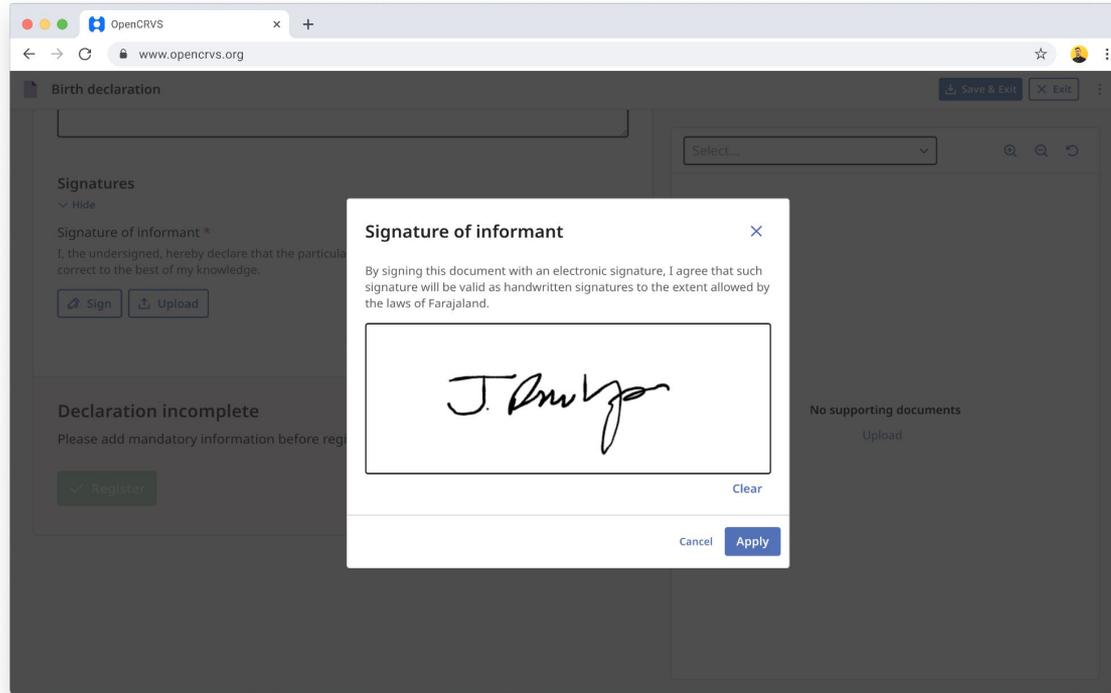
# Verify certificate via QR code

*OpenCRVS now allows a user to verify the authenticity of the printed vital event certificate*



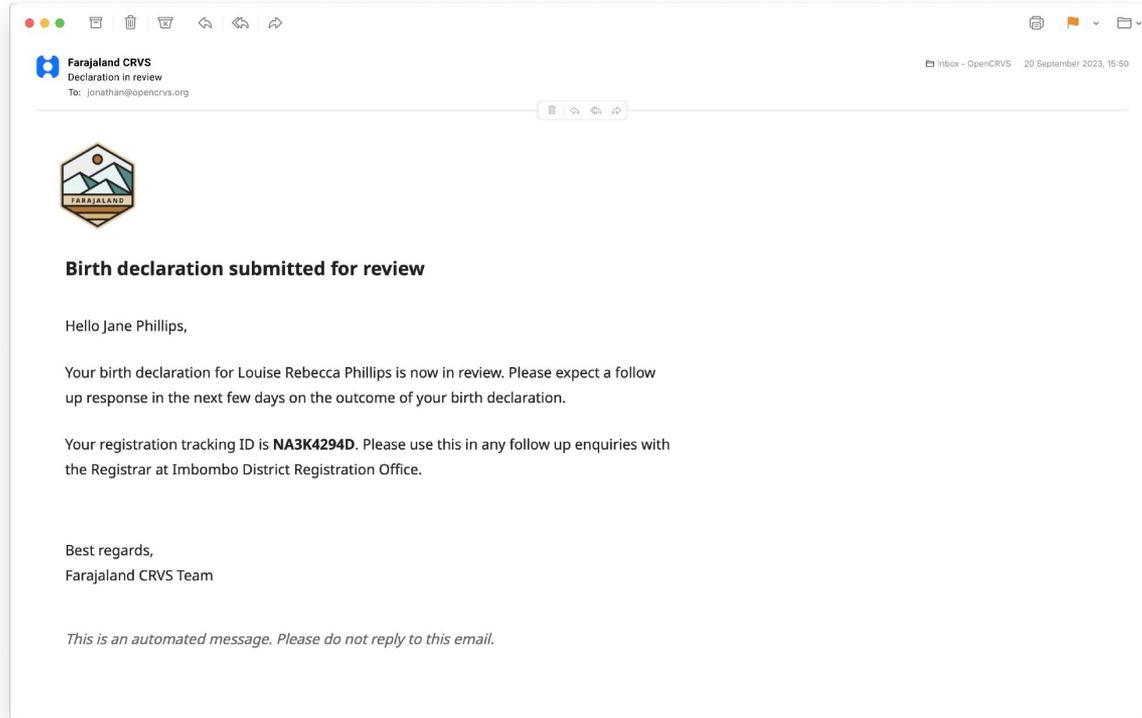
# Informant digitised signature

*OpenCRVS now supports the digital capture of signatures to stay aligned with existing legislation*



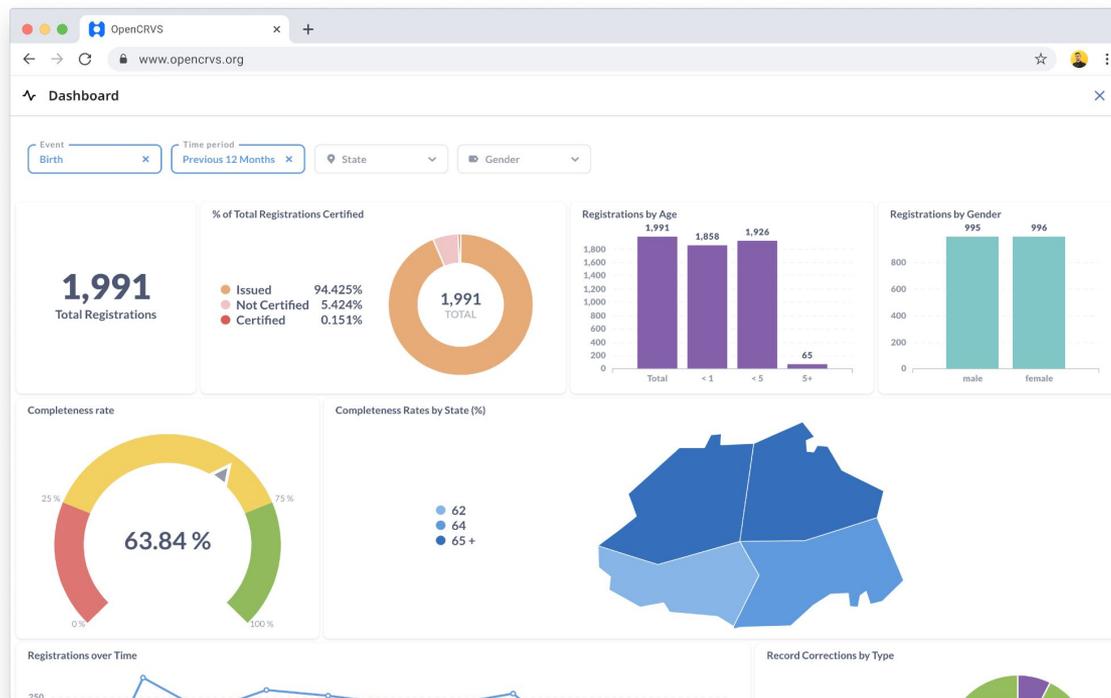
# Email notifications

*OpenCRVS now sends customisable email notifications to informants and system users*



# Data visualisation dashboards

*OpenCRVS now allows the creation of customisable data visualisations of operational data, vital statistics and performance monitoring*



# MOSIP Integration v2 (e-Signet)

OpenCRVS now supports authentication of informants through integration with the e-Signet app and pre-population of the declaration form

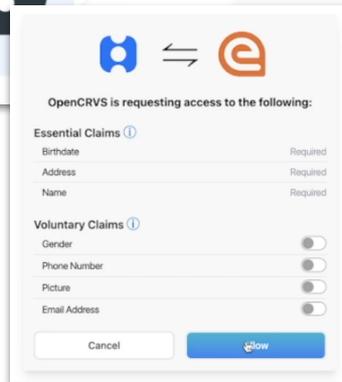
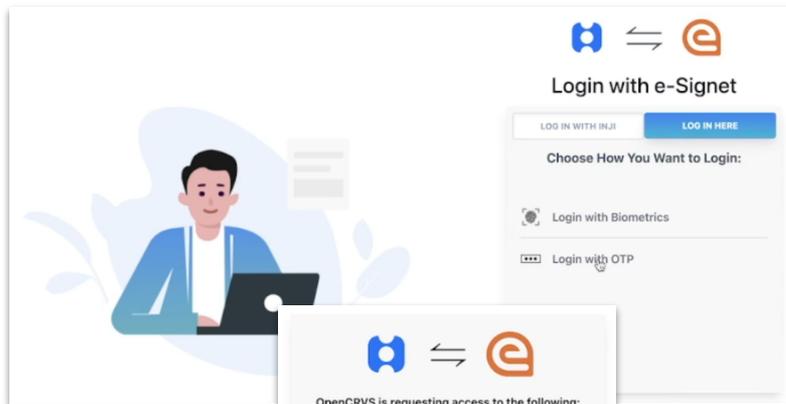
[← Back](#)

## Mother's details

Nationality \*

National ID \*

Date of birth \*



[← Back](#)

## Mother's details

Nationality \*

National ID \*

Authenticated

Date of birth \*

First name \*

# De-duplication v2

*OpenCRVS now uses an advanced matching algorithm to identify potential duplicates and presents them to the user for final decision*

Potential birth duplicate review

BTYLJKI BFXLFTQ

### Review BTYLJKI against BFXLFTQ

| Declaration details |                     |                        |
|---------------------|---------------------|------------------------|
|                     | BTYLJKI             | BFXLFTQ                |
| Status              | Declaration started | Registered             |
| Event               | Birth               | Birth                  |
| Tracking ID         | BTYLJKI             | BFXLFTQ                |
| Registration No.    |                     | 2023BFXLFTQ            |
| Registered at       |                     | Ibombo District Office |
| Registered by       |                     | Kennedy Mweene         |

| Child's details |                  |               |
|-----------------|------------------|---------------|
|                 | BTYLJKI          | BFXLFTQ       |
| Full name       | mithu test       | manisha khan  |
| Sex             | Male             | Female        |
| Date of birth   | 21 November 2022 | 13 March 2022 |



# **V1.3**

# **Technical**

# **enhancements**

# Form config in TypeScript

Birth declaration

## Child's details

First name(s) \*

Surname \*

Date of birth \*

Sex \*

Place of birth \*

```
export const birthForm: ISerializedForm = {
  sections: [
    registrationSection, // REQUIRED HIDDEN SECTION CONTAINING IDENTIFIERS
    {
      id: 'child',
      viewType: 'form',
      name: formMessageDescriptors.childTab,
      title: formMessageDescriptors.childTitle,
      mapping: getSectionMapping('child'), // These mappings support configurable identifiers in the event-registration API
      groups: [
        {
          id: 'child-view-group',
          fields: [
            // COMMENT IN AND DUPLICATE AS REQUIRED IN ORDER TO CREATE A CUSTOM FIELD: createCustomFieldExample(),
            // createCustomFieldExample(),
            getFirstNameField(
              'childNameInEnglish',
              hideIfUserIsFieldAgent,
              certificateHandlebars.childFirstName
            ), // Required field. Names in Latin characters must be provided for international passport
            getFamilyNameField(
              'childNameInEnglish',
              hideIfUserIsFieldAgent,
              certificateHandlebars.childFamilyName
            ), // Required field. Names in Latin characters must be provided for international passport
            getBirthDate(
              'childBirthDate',
              [],
              isValidChildBirthDate,
              certificateHandlebars.eventDate,
              true
            ), // Required field.
            getGender(certificateHandlebars.childGender), // Required field.
            // PLACE OF BIRTH FIELDS WILL RENDER HERE
            divider('place-of-birth-seperator'),
          ],
        },
      ],
    },
  ],
};
```

# Improved developer/devops experience

## Performance

Significant improvement in record download speed. We are continuously improving this in v1.4

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## Readability

Country configuration package has been refactored, improving developer experience via abstraction of utility methods & a clearer hierarchy.

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## Configuration

Infrastructure provisioning & CI/CD pipeline now exists in the countryconfig package giving devops teams control without the maintenance burden of a fork.

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## Simplification

Initial configuration of reference data now uses automated seeding scripts rather than backup files. Snapshot scripts exist to ease debugging.

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## Security

An independent security audit and penetration test of our business functionality, web application and infrastructure has been undertaken by the Guardian Project as part of the ongoing UNICEF CRVS assessment.



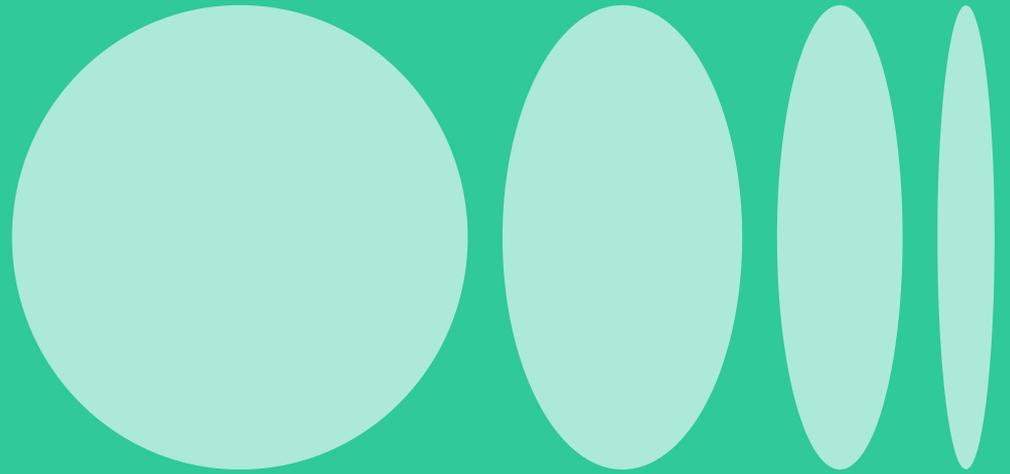
# OpenCRVS around the world



# OpenCRVS is being used across 3 continents

|  |             |   |
|--|-------------|---|
|  <b>Niue</b>        | <b>2023</b> | National level rollout to be completed in November 2023   |
|  <b>Cameroon</b>    | <b>2023</b> | eCRVS implementation project underway led by MINDEVEL and BUNEC, funded by GIZ & KOICA. Implemented in 20 sites by the end of 2023.   |
|  <b>Madagascar</b>  | <b>2023</b> | The Digital Governance Unit is conducting a pilot of OpenCRVS. Implemented in 8 communes - scale-up to 300 sites in the coming months. The OpenCRVS team are supporting the DTU to upgrade to v1.3. |
|  <b>Philippines</b> | <b>2023</b> | Philippines Statistical Authority has configured OpenCRVS for a Proof of Concept and is currently working with OpenCRVS to develop plans for a pilot and use at scale                               |
|  <b>Somalia</b>     | <b>2023</b> | Proof of Concept being conducted with the Civil Registration Department   |
|  <b>Uganda</b>      | <b>2023</b> | Implementing MOSIP as new platform for NSIS. Birth and death registration functionality will be delivered through MOSIP-OpenCRVS integration. OpenCRVS team working with NIRA to enable plans.      |

# SI Training and Accreditation Programme



# OpenCRVS Training and Accreditation

To achieve our ambition of high-quality implementations at scale around the world...

- OpenCRVS will not be the primary implementer
- System Integrators require the skills to be able to implement OpenCRVS at the required level of quality in a sustainable way - **TRAINING**
- System Integrators need to be certified to give governments the quality assurance they need - **ACCREDITATION**

# Why join the programme?



**OpenCRVS**  
Implementation Partner

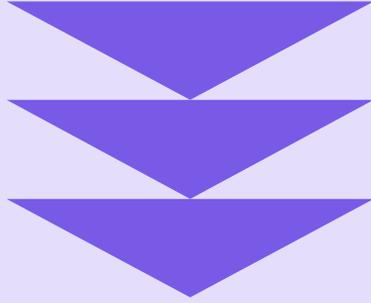
- Use the OpenCRVS logo to market your services
- List your company on the OpenCRVS website
- Global visibility through information-sharing with governments and other stakeholders
- Use of OpenCRVS communication channels to publish success stories to global audiences
- Exclusive training by OpenCRVS Subject Matter Experts (SMEs)
- Make direct requests for bug fixes or additional features

# Watch out for the launch event!

Launch webinar mid-November, including full details of:

- Training curriculum
- Accreditation assessment approach
- Implementation Partner Agreement

Get set to be one of the first accredited **OpenCRVS Implementation Partners** by **early 2024**



# How to get involved

# Interested in

## Learning more?

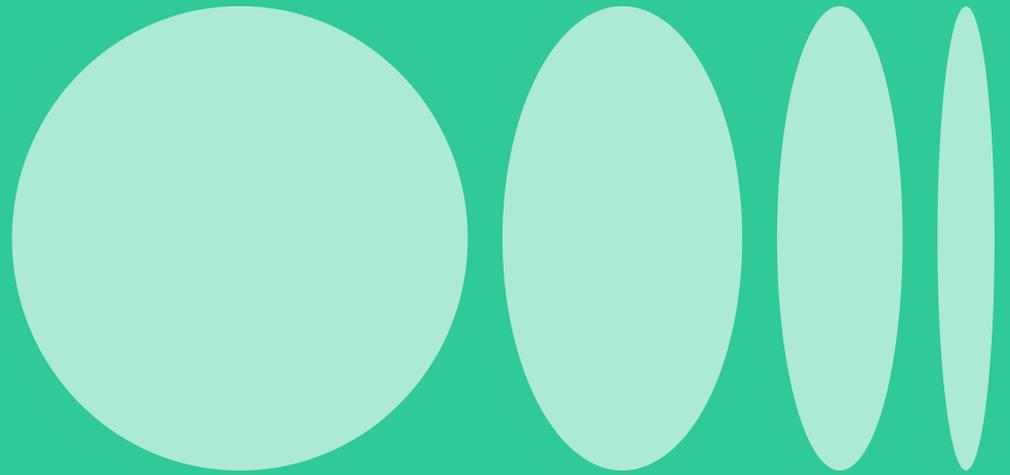
## Contributing to the product?

## Using OpenCRVS?

# Then:

- Book a demo
- View documentation
- View functional & technical videos
  
- Join the Product Council
- Join the Technical Architecture Committee
- Become a contributor
- Join the Technical Slack channel
  
- Book a call to discuss PoC support
- Conduct a PoC
- Talk to us design a CRVS digital transformation programme, enabled by OpenCRVS

# Q&A



# Get Involved

**Email:** [team@opencrvs.org](mailto:team@opencrvs.org)

**Website:** [opencrvs.org](https://opencrvs.org)

**Code repository:** [github.com/opencrvs](https://github.com/opencrvs)

**Discussions & [Slack](https://github.com/opencrvs):** [github.com/opencrvs](https://github.com/opencrvs)

**Documentation:**  
[documentation.opencrvs.org](https://documentation.opencrvs.org)

**Community Forum:**  
[community.opencrvs.org](https://community.opencrvs.org)

**LinkedIn and Twitter :** [OpenCRVS](#)