DHIS2 SMS Support

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With thanks to
Overview

- SMS functionality in the new DHIS2 app
- A demo of the SMS Support
- What do you need to run it?
- Next steps
Upcoming DHIS2 SMS Functionality
Upcoming DHIS2 SMS Functionality

Main points

- You will be able to submit data via SMS in the DHIS2 Android Capture app
- The app will send the SMS itself
- Individually, not in bulk
- It will support: enrolments, tracker events, simple events and aggregate datasets
SMS Demo
SMS Demo

DHIS2 Capture App (2.0.0 SMS)

SMS Gateway (format message)

SMS

eHA DHIS2 (2.32 SMS)
What do you need to run it?
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- **Software**: app and server versions of DHIS2 which support SMS
- **Hardware**: Android devices that allow SMS
- **SMS Gateway**: a way to receive SMS and send them to the DHIS2 server
  - Convert SMS <-> Internet/HTTP
  - Format message for DHIS2
- (Optional) SMS Service for sending SMS
What do you need to run it?

Options for Receiving SMS

Just testing?
Use an Android device as your gateway. Run the DHIS2 SMS Gateway app (available soon). Also solves formatting problem.

Going full-scale production?
- You probably want a shortcode/SMPP
- RapidPro by UNICEF in 37 countries
- No RapidPro? Talk to others in country.
- Still no luck? Talk to your Telco in country about setting up a shortcode with SMPP
- Still need to format the message...
- Support for other formats as a template is planned for DHIS2 2.33
What do you need to run it?

Options for Sending SMS

- DHIS2 supports 2 SMS services
  - Clickatell
  - BulkSMS
- Or a ‘Generic Gateway’, where you run your own web service and connect it to your own provider (RapidPro, Twilio e.t.c.)
Next steps...
Next Steps

Beta support (~ September 2019)
- Capture App ver ? <-> DHIS2 2.32 (SMS)

Official support (~ October 2019)
- Planned for DHIS2 2.33
Thank you!

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Upcoming DHIS2 SMS Functionality

How does it work?

- Enable SMS in settings, add the number of your SMS gateway
- Resync configuration (metadata)
- Open an individual submission and tap ‘Share’, select ‘SMS’
- The app supports SMS responses (optional) for success/error. You’ll need to configure an SMS service server side