

2.14.0 Release Notes

Table of Contents

Table of Contents	1
Tech Leads	2
Configuration Changes	2
Forms Configuration	2
Task Configuration (#3734)	3
Targets Configuration (#3629)	4
Examples of new Targets:	4
Percent Target	4
Count Target	4
Configuring Targets in 2.14	5
Functionality Changes	5
Silence Windows Can Clear Multiple Message Groups (#3818)	5
EDDs No Longer Exclusively on Sundays (#3563)	6
New Features	6
Exciting UI Changes!	6
Take Photos in Forms (#3096)	7
New Icons for Places (#3945)	8
Icons in Condition Cards (#3720)	9
Users Can Logout on Android (#3450)	9
Bug Fixes!	10
Cascading Selects are Working (#3624)	10
Project Managers & Designers	10
Updated Target Widgets	10
Examples of new Targets:	10
Percent Targets	10
Count Target	11
New Targets layout:	12
Take Photos in Forms	12
EDD Calculations	13
New Icons are Configurable	13
Icons in Condition Cards	14
UI Updates to People and Tasks	15

Tech Leads

Configuration Changes

The forms configuration change is required, while the tasks and targets changes are optional. It is highly recommended that you update your task and target titles to fit the new format to ensure users have the best possible experience and ease of reading tasks and targets in the app.

Forms Configuration

Before upgrading to 2.14, you will need to review all of your XForms. If you have any XForm with with `calculate=""` you will need to modify the corresponding XLSForm, reconvert, and upload. The changes to make are:

- From *type* `calculate` to `string`
- Make sure the *calculation* column is **empty**
- Have the *appearance* as `hidden`
- The label can be `NO_LABEL` to avoid warnings and bloat in the form

Below is an example of a Standard xlsform that has been updated.

	A	B	C	L	U
1	type	name	label::en	appearance	calculation
2	begin group	inputs	Patient	field-list	
3	hidden	source		hidden	
4	hidden	source_id		hidden	
5	begin group	contact			
6	db:person	_id	What is the patient's name?	db-object	
7	string	patient_id	NO_LABEL	hidden	
8	string	name	NO_LABEL	hidden	
9	string	date_of_birth	NO_LABEL	hidden	
10	string	sex	NO_LABEL	hidden	
11	string	phone	NO_LABEL	hidden	
12	begin group	parent			
13	begin group	contact			
14	string	phone	NO_LABEL	hidden	
15	string	name	NO_LABEL	hidden	
16	end group				
17	begin group	parent			
18	begin group	parent			
19	string	use_cases	NO_LABEL	hidden	
20	end group				
21	end group				
22	end group				
23	end group				
24	end group				
25	calculate	patient_uuid	Patient UUID		../inputs/contact/_id

Task Configuration ([#3734](#))

With the UI updates on the Tasks list, there is a separate row for the name of the person or place that the task is about. It is no longer necessary to include the name of the contact in the task title. Configurations should be updated to remove the name of the contact from the task title to avoid duplication, as seen in Figure 1. Figure 2 shows the correct configuration.

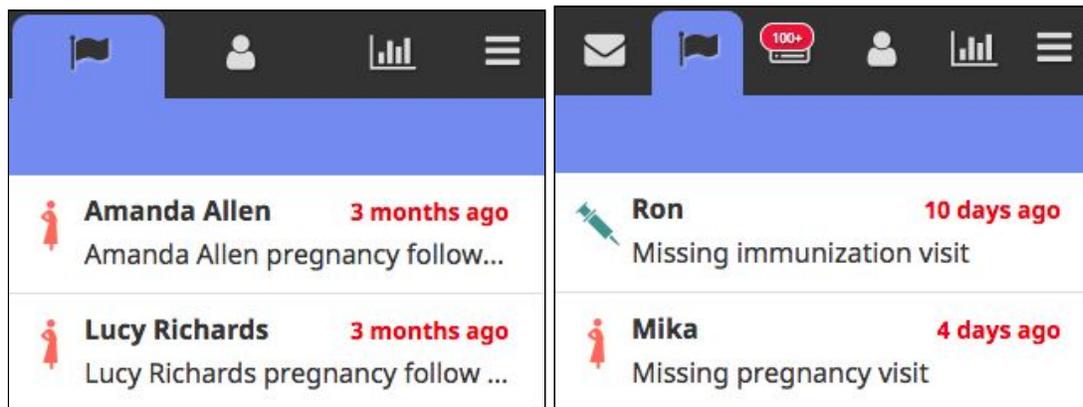


Figure 1

Figure 2

In the example task from `tasks.json` below, `title.content` should be “Missing pregnancy visit” instead of “`{contact.name}` missing pregnancy visit”. Shorter task titles mean more of the important information, e.g. the full task title, will be displayed in the task list. For more examples, see the Standard config.

```
{
  "name": "pregnancy-missing-visit",
  "events": [
    {
      "id": "pregnancy-missing-visit",
      "days": 7,
      "start": 0,
      "end": 6,
      "type": "pregnancy-1",
      "title": [
        {
          "content": "{contact.name} missing pregnancy visit",
          "locale": "en"
        }
      ]
    }
  ]
}
```

Targets Configuration ([#3629](#))

Targets have a brand new look, making them easier for users to read and understand. Your current targets config will still work, but you should plan to update it to specify values for the new translation keys. This means that PMs can update translations themselves using the web app and that targets will be easier for CHWs to read. Translation keys to specify include:

- **translation_key**: this is the target title, so you no longer need to specify the title and all translations in `targets.json`
- **subtitle_translation_key**: this is the target subtitle and should represent the time window the widget represents, e.g. “This month” or “All time”
- **percentage_count_translation_key**: this is a translation of the word “of” and will be used in the percent widget where you see (X of X); applies ONLY to percent widgets

Examples of new Targets:

Percent Target



Count Target



Configuring Targets in 2.14

Here's what the configuration looks like for the percent target shown above. This is described in the documentation for Targets as well. Note that we're specifying translation keys that need to be added to your translation file. **It's recommended to use a generic translation key for your subtitle so that you can easily re-use it across multiple widgets.**

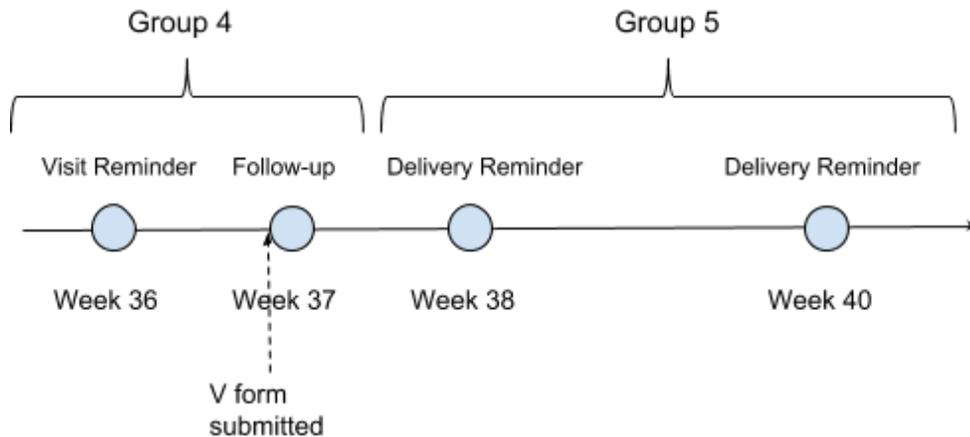
```
{
  "type": "percent",
  "id": "deliveries-1-visit",
  "icon": "nurse",
  "goal": 100,
  "translation_key": "targets.deliveries.title",
  "subtitle_translation_key": "targets.all_time.subtitle",
  "percentage_count_translation_key": "targets.deliveries.detail"
}
```

Functionality Changes

Silence Windows Can Clear Multiple Message Groups ([#3818](#))

Silence windows work differently in version 2.14.0 and higher. In previous versions, only the first group of messages that fell within the silence window was cleared. With this change, any group of messages that falls within the silence window will be cleared. Make sure you keep this in mind when configuring SMS workflows as you may want to split up your messages into multiple schedules.

For example, you may have an ANC schedule that includes reminders for the CHW to submit a delivery report in the last group. (See diagram below). In this case, say the silence window is 8 days. If the CHW sends a V form just before the follow-up message (Did [patient] attend her ANC visit?), it will clear the follow-up message in Group 4 but it will also clear all of the messages in Group 5 because it will be within 8 days of the start of Group 5. The solution here is to split Group 5 messages into a new schedule that is only cleared by a D form. This way, V forms will not accidentally clear the delivery reminders. This has been implemented in the Standard config - feel free to review it for a practical example.



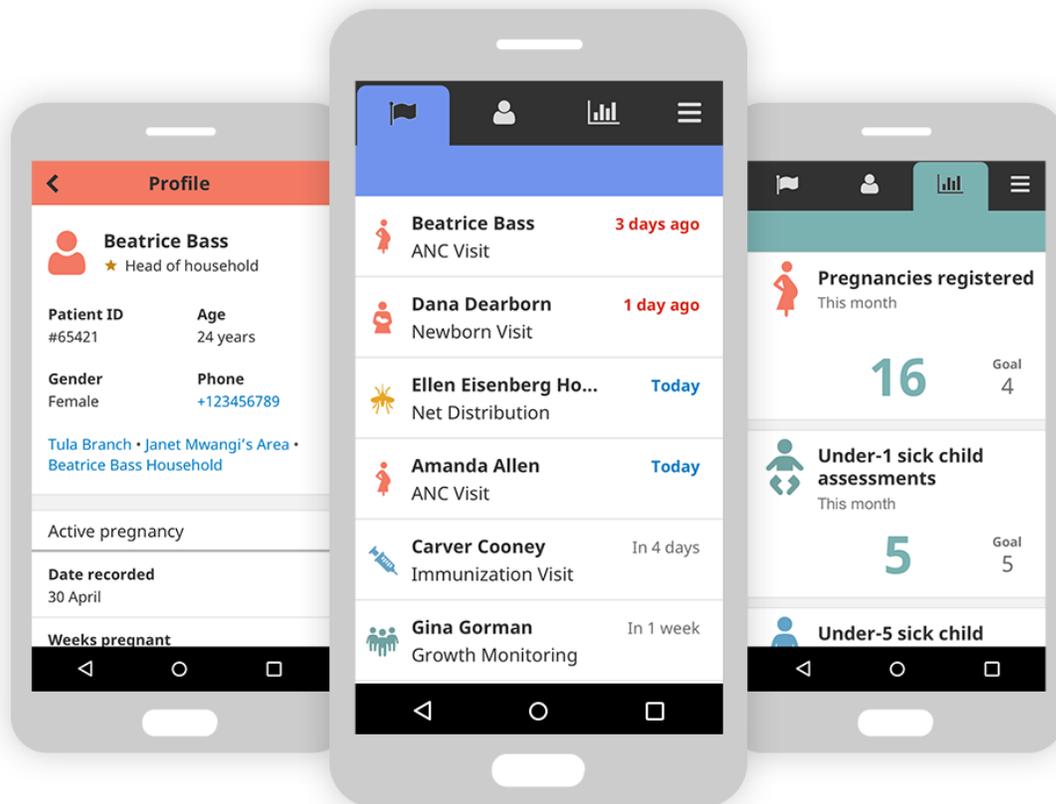
EDDs No Longer Exclusively on Sundays ([#3563](#))

Previously, EDDs for pregnancies registered via SMS were set to a Sunday. The app calculated the EDD by figuring out the date of the Sunday of the current week, subtracting weeks since LMP and then adding 40 weeks to get the EDD. However, this wasn't the expected behavior, according to users. Starting in 2.14.0, the EDD is calculated by subtracting the weeks since LMP from the date the pregnancy registration is sent and adding 40 weeks to get the EDD. The EDD will be on the same day of the week that the pregnancy registration is sent. There is no migration, so this applies to **new** pregnancy registrations. All existing schedules stay the same.

New Features

Exciting UI Changes!

We've updated the UI across all tabs, including a new font and increased font size for better readability. We've also made the lists more consistent across reports, messages, people and tasks, and we've done an overhaul to the target widgets (as you saw above). Here are some screenshots of the new look. For more information, see the external announcement [**\[LINK\]**](#).



Take Photos in Forms ([#3096](#))

It's now possible to have an image field in an app form (works on both the web app and on mobile). This type of field allows the user to take a new photo or select a photo from their photo library and the image will be uploaded to the server with the form. The image is also viewable on the Reports page. To create an image field, use `type = image` in your xlsform.

IMPORTANT: This feature currently is being piloted and is not ready for general use. We are testing it with Living Goods and the Muso Innovation Network, specifically for health workers to take photos of a malaria rapid diagnostic test (mRDT) administered at the doorstep. We are still determining the feasibility (storage limits of hosting photos in the app) and design (the resulting workflow of how the photo will be used and by whom). If you have a project that wants to use this feature, you must consult with Sharon and Dianna before using it.

Assessment of patients under 5

mRDT Result

Please take a picture of the mRDT
*result by clicking the box below.

*What is the result?

Positive

Negative

Example image widget

3 minutes ago
Wed, Feb 14th, 2018 at 5:09 PM

Sharon Langevin
Sharon Langevin Area
Assessment of patients under 5

mRDT photo



mRDT result
pos

mRDT result
report.patient.assessment.s temperatur

Example form submission

New Icons for Places ([#3945](#))

The icons for people and places on the People tab have a fresh new look (see below). The default icons are for district, health center/branch, and household. We also have an icon for CHW area that can be swapped in as needed. These icons are configurable, but we don't recommend customizing them for every project. Use the 4 main icons that we have (district, health center, CHW area, family). If you really need something else, reach out to Amanda C. and she can help you develop something. **Do not use icons that haven't been approved by the product team. Approved icons are in the [new icon library](#).**

District



Health Center



CHW Area



Family



Icons in Condition Cards ([#3720](#))

Fields in condition cards have a new property - icons! It's now possible to display an icon within a field in a condition card. You might use this to put the risk icon next to a high-risk pregnancy status or a colored dot next a child's nutrition status (green for healthy, yellow for moderate malnutrition, red for severe malnutrition). Icons can be displayed based on conditions, e.g. only show the risk icon for high-risk pregnancy status and not for healthy pregnancies. The configuration for a pregnancy card with a conditional icon is shown below (the variable `highRiskPregnancy` is `true` if the pregnancy was indicated to be high-risk and `false` otherwise).

```
pregnancy = {
  label: 'contact.profile.pregnancy',
  fields: [
    { label: 'contact.profile.edd', value: edd, filter:
'relativeDay',
    width: 12 },
    { label: 'contact.profile.visit', value:
'contact.profile.visits.of', translate: true, context: { count:
subsequentVisits.length, total: 4 }, width: 6 },
    { label: 'contact.profile.risk.title', value: highRiskPregnancy ?
'contact.profile.risk.high':'contact.profile.risk.normal',
    translate: true, width: 5, icon: highRiskPregnancy ? 'risk':''}
  ]
};
```

Users Can Logout on Android ([#3450](#))

We've added a new permission so that you can now control whether or not a user sees the "Logout" option in the hamburger menu in our Android app. Currently, users on Android cannot see the logout option. This was done to avoid users logging out accidentally. We had a number of requests to enable users to see the logout option so we've made this new permission available. The default is that users will **NOT** see the logout option, so if you want it to appear, **you must set the permission for restricted users.**

The permission is called `can_log_out_on_android` and can be set in your `app_settings`.

Bug Fixes!

Cascading Selects are Working ([#3624](#))

It's now possible to use cascading selects in our app. Follow the [xlsform instructions here](#) to create a form with cascading selects.

Project Managers & Designers

Updated Target Widgets

- Targets have a brand new look, making them easier for users to read and understand.
- We have two types of Target widgets: Count and Percentage. Both widgets can have a goal, or not.
- Note the title, subtitle, icon, and conditional coloring.
- [Guidelines for designing Targets are available here](#), which includes rules for writing great titles and subtitles, information and examples of what metrics can be calculated, and considerations for different users.
- Examples of new Targets:

Percent Targets





Newborn visits within 3 days

This month

Goal 70%



80% (16 of 20 on-time)

Count Target

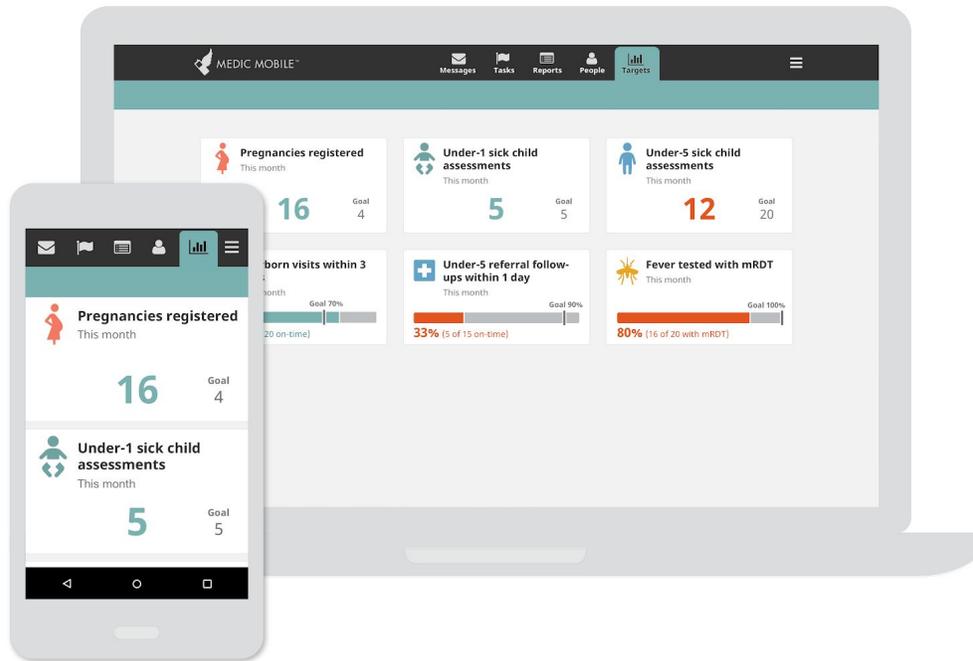


New pregnancies

This month

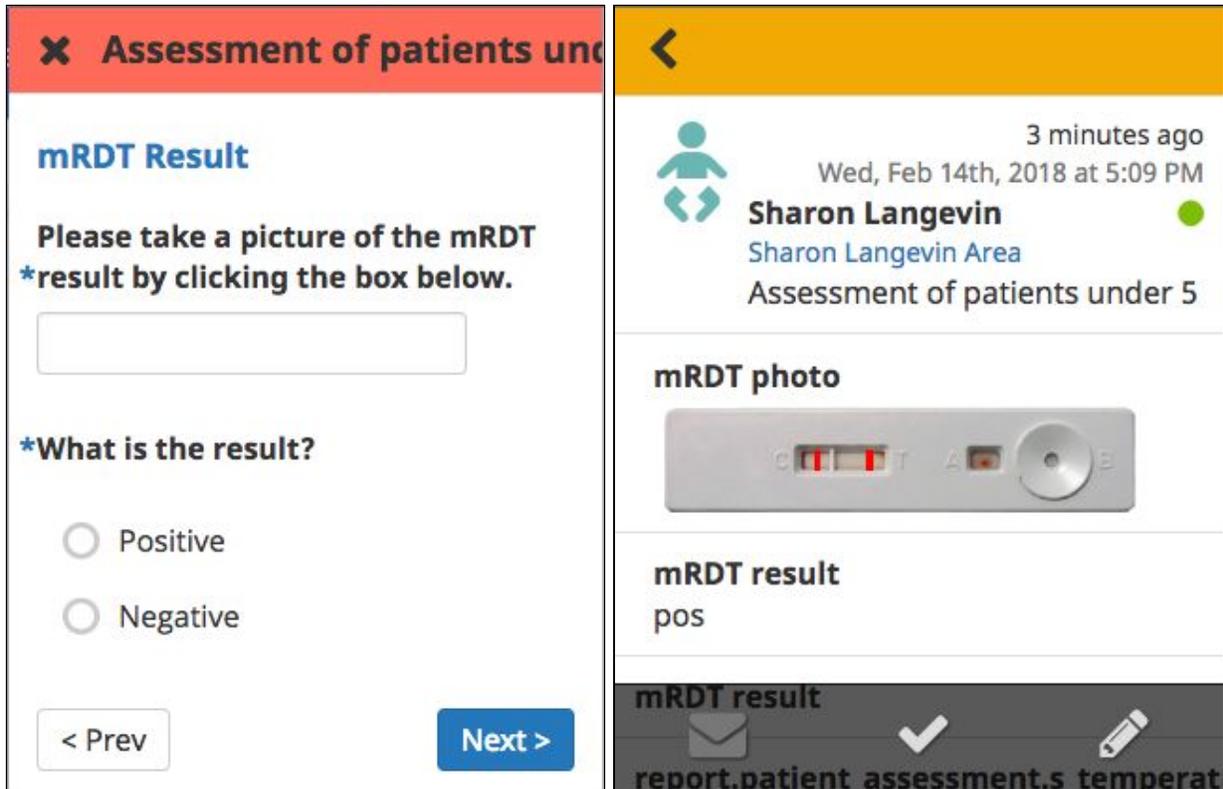
2

New Targets layout:



Take Photos in Forms

- It's now possible to have an image field in an app form (works on both the web app and on mobile). This type of field allows the user to take a new photo or select a photo from their photo library, and the image will be uploaded to the server with the form. The image is also viewable on the Reports page.
- **This feature currently is being piloted** with Living Goods and the Muso Innovation Network, specifically for health workers to take photos of a malaria rapid diagnostic test (mRDT) administered at the doorstep. We are still determining the feasibility (as far as storage limits of hosting photos in the app) and design (as far as the resulting workflow of how the photo will be used and by whom).
- Therefore, **this feature is not yet approved for other workflows or other projects**. If you have an idea for how to use this feature in your project, talk to Sharon or Dianna.



EDD Calculations

- Previously, EDDs for pregnancies registered via SMS were calculated according to the Sunday of the week in which the report was submitted. This wasn't the expected behavior according to users. Starting in 2.14.0, the EDD will be calculated from the exact date the pregnancy registration is sent.
- **EDD = (Last Menstrual Period Date - Pregnancy Registration Date) + 40 Weeks**

New Icons are Configurable

- The icons for people and places on the People tab have a fresh new look. The default icons in the app are set to district, health center (branch), and CHW Area. We also have an icon for family that can be swapped in as needed. These icons are configurable, but we ask that you use the 4 main icons that we have (district, health center, CHW area, family). If you have a unique situation that requires something different, reach out to Amanda C. **Only use the icons that are in the [icon library](#).**

- **District** 
- **Health Center** 
- **CHW Area** 
- **Family** 

Icons in Condition Cards

- Fields in condition cards have a new property - icons! It's now possible to display an icon within a field in a condition card.
- Icons can be displayed based on conditions such as only showing a high-risk icon in the Pregnancy Status field after a danger sign has been reported. As another example, you might include a colored dot next a child's Nutrition Status (green for "healthy," yellow for "moderate malnutrition," or red for "severe malnutrition").
- The icons will be appear to the left of text on desktop views and to the right of text on mobile. It will be centered vertically on both desktop and mobile.
- Review the [Condition Card Best Practices](#) to learn more about designing Condition Cards for projects.
- **Only use the icons that are in the icon library.**

Desktop View

Pregnancy	
Estimated delivery date in 5 months	
Completed visits 0 of 4	 Status High risk

Mobile View

Pregnancy	
Estimated delivery date in 5 months	
Completed visits 0 of 4	
Status High risk	

UI Updates to People and Tasks

- We've update the UI across all tabs, including a new font and increased font size for better readability. We've also made the lists more consistent across reports, messages, people and tasks, and we've done an overhaul to the target widgets (as described above). Here are some screenshots of the new look. For more information, see the [external announcement](#).

