🔧 **Fix Me!** **Esta página no está completamente traducida, aún. Por favor, contribuye a su traducción.**
(Elimina este párrafo una vez la traducción esté completa)

Preparing the device

Preparing the device involves:

- **Encendido inicial del dispositivo Android**
- **Ajustes de Android**
- **Instalar la gestión remota del dispositivo**
- **Instalar mSupply Móvil**
- **Instalar otras aplicaciones**

Encendido inicial del dispositivo Android

> - Es prácticamente imposible evitar que un dispositivo Android moderno que está conectado a Internet realice al menos algunas actualizaciones de software. Estas pueden ser del orden de **0.5 GB** de datos.
>
> Si el sistema operativo del dispositivo se está actualizando, puede agregar **~1.0 GB** a esa cantidad!
>
> - En lo posible, vale la pena evitar que estas actualizaciones ocurran en conexiones de datos móviles (lentas y costosas).
> - Por lo tanto, se recomienda conectar el dispositivo a una red Wi-Fi conectada a Internet (de menor costo y más rápida) en el momento del encendido inicial del dispositivo y permitir las actualizaciones del sistema operativo y la instalación de mSupply.
> - Una vez que se completa este proceso, el dispositivo puede usar su conexión de datos móviles para la operación continua de mSupply.
> - Cada nueva versión de Android y los sistemas operativos de distinto fabricante introducen cambios en la estructura del menú. Es probable que sea necesario enmendar estas instrucciones para adaptarlas a la versión particular de Android y sistema operativo. Por lo tanto, estas instrucciones son genéricas y es probable que necesiten documentarse con más detalle según el dispositivo en particular, versión de Android y el sistema operativo ☹️

1. Enciende el dispositivo
2. Verás una pantalla con el mensaje: **Bienvenido!** (*Welcome*) donde deberás seleccionar un lenguaje. Selecciona el lenguaje apropiado, luego presiona **INICIAR** (*Start*)
3. Se le pedirá que se conecte a una red **Wi-Fi** . Incluso si va a utilizar una red Wi-Fi como parte del proceso de configuración del dispositivo, apague el Wi-Fi por ahora, luego presione **SIGUIENTE** (*Next*). Si es posible, se conectará a una red Wi-Fi más tarde.
4. Se le debe solicitar que acepte los Términos y condiciones. El único obligatorio pareciera ser

Acuerdo de licencia de usuario final (*End User License Agreement*). `Desmarcar` **Datos de diagnóstico** (*Diagnostic data*) e **Información de marketing** (*Marketing information*). Presione **SIGUIENTE** (*Next*)

5. Se le debe solicitar que acepte una serie de **Servicios de Google** (*Google services*):
    1. **Usar servicio de localización de Google para ayudar a las aplicaciones**: 'Encendido' (*On*)
    2. **Mejorar precisión en la localización**: 'Encendido' (*On*)
    3. **Enviar datos del sistema**: `Apagar` (*Off*)\\Presionar **SIGUIENTE** (*Next*)
6. Debido a que no se ha conectado a Wi-Fi, se le solicitará que configure la **Fecha y hora** (*Date and time*): configúrelos correctamente.
7. You may be prompted to provide a **Name**, or sometimes **First** and **Last** name. Do **NOT** use the personal name of the Officer In-Charge (OIC) of the facility. A convention to follow is to set the the **Name** (or **First** name) to the facility name. If you are prompted for a **Last** name, set that to the district / province. e.g.
    Name (or **First** name): `WAFI HC`
    Last name: `Bulolo`

> 💡 Take care: Your device will likely try to autocorrect your spelling!

Then tap **NEXT**.

8. You should be prompted to select a **Lock type**. Choose **PIN**.
9. You should be prompted to **Secure startup**. Choose **Require PIN when device powers on**, then tap **CONTINUE**.
10. You should be prompted to **Set PIN**. Set it to 6787 (MSUP), re-enter it to confirm it.
11. You should be prompted to set **Notifications**. Set it to **Show content**, then tap **DONE**.
12. You should be prompted to create a **Samsung account** (obviously will be different for other branded devices). Tap **SKIP**
13. You may be prompted to confirm that you wish to **Skip Samsung account setup?**. Tap **SKIP**
14. You may be prompted to configure **More useful features**. Decline all of these. Tap **FINISH**

Android tweaks

There are a number of tweaks that are worth applying before proceeding further:

Screen timeout

1. The default screen timeout can be quite short (30 seconds). For normal mSupply operation, this is too short. This should be set to at least 2 minutes. **Settings > Display > Screen timeout** Set to, say, `5 minutes`

Turn off 'Capitalise first letter'

For ease of use of the touch-screen keyboard it's a good idea to avoid capital letters. This is also facilitated by turning off 'capitalise first letter' in the keyboard settings on the device.

- Samsung devices: **Settings > General management > Language and Input > On-screen keyboard > Samsung Keyboard > Smart typing > Auto capitalise**: `Off`

Device updates

As soon as your device accesses the internet, it will likely try to update software. This can take unnecessary time and data. We need to take action to minimise this. It is worth deleting or disabling as many extra apps on the device as possible, including:

1. All brand bloatware (Samsung / Lenovo / etc.)
2. All MS Office applications
3. All Google applications

- **Settings > Software update > Download updates automatically** `Un-tick`

Allow apps to be installed from local sources

- **Settings > Lock screen and security > Unknown sources**: Turn `On`

Enable Knox security (necessary for Sure MDM management - see below)

- **Settings > Device maintenance > Device security** Accept the prompted permissions request
- **Knox active protection**: Turn `On`

1. You may be prompted for various services by the pre-installed apps. Ignore / defer / deny all of these.

> ⚠️ At this point, the device will try and update its apps.
> Proceed as quickly as possible to the next step:

2. Turn off the manufacturer's Auto updates for the device:
   1. **Apps > Samsung > Galaxy Store > Settings (top right menu) > Auto update apps > Never**. While you are in the Auto update apps area:
   2. Turn `Off` **Update notifications**
   3. Turn `Off` **Marketing choice**

1. Enter the credentials for a local Wi-Fi network, then tap **NEXT**.

Security PIN code for SIM card

To prevent the SIM card being removed to be used on another device, it is a good idea to lock the SIM card with a PIN code.

Install device remote management apps

As of 2019-10-15, the apps SureLock and SureMDM are used to remotely manage the Android devices running mSupply Mobile around the world.

- **SureMDM** allows remote management of the device. Using SureMDM we can install, update and uninstall software, track the location of lost devices and wipe the contents of the tablets remotely.
- **Surelock** locks the device into Kiosk mode. This means only the apps (mSupply, Telegram, Gmail, etc.) will be shown on the home screen and all other functions of the tablet are locked down.

Management using SureMDM

Once SureMDM is installed on the device, considerable control over the device is possible including remotely deploying, installing and executing apps including SureLock.

This control is generally managed through SureMDM 'Jobs'. The exact configuration of Jobs will depend on a number of local factors, for details on how Jobs are configured refer to the SureMDM documentation.

Install mSupply Mobile

Download open source mSupply Mobile from GitHub

Install other apps

- Each device running mSupply Mobile will correspond to **one mSupply Store**.

The following apps (or equivalent) should be included:

- Calculator - use the device's calculato
- Wi-Fi centre - use the device's Wi-Fi control
- For communication between sites and with support workers:
  - Instant messaging - we recommend Telegram. Use the devices's SIM phone number, (not the operator)
  - Email - set up the device email app with an email address for the site/device (not the operator). We recommend Gmail.

While apps can be installed remotely using a SureMDM job, it may be more convenient to install them

manually from a PC at the same time as installing the SureMDM and SureLock apps.

Return to: **Setting up mSupply Mobile on the device** *|| Next:* **Initialising the store**

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