



PAM SaaS Setup

GETTING STARTED

Download PocketPAM onto your device using 'App Store' or 'Google Play'.

Launching PocketPAM

Tap on the PocketPAM application launch icon.



The First Run - Creating The Database On Your Device

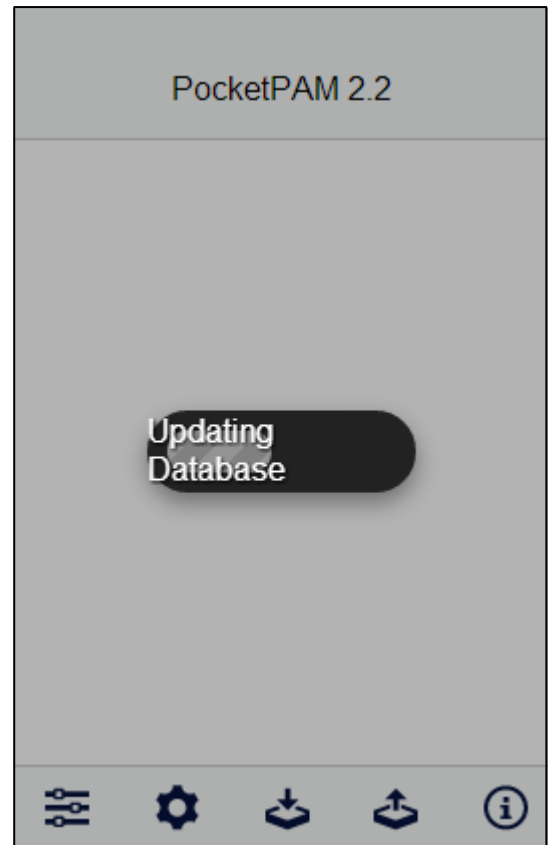
PocketPAM stores the data that you transfer from PAM and the data you add while using the app in a dedicated database file.

When you run PocketPAM for the very first time it has to create the database file. When this happens, you will see this message on your screen: "Updating Database".

Be warned! *Creating the database can take a minute or two.*

Will this ever happen again?

This will only happen again if you upgrade to a newer version of PocketPAM. When you do, the software will check the database and upgrade it – if any changes have been made that affect the structure of the database, it will be updated.



MODULES LIST



Crop Diary: Covering manual tasks, machinery events, planting records, harvesting records, irrigation records, fertilizer applications and a comprehensive spray diary records data entry system with the option to track your inventory batch numbers and spray weather details. Use PAM tank mixes or create your own in PocketPAM. Pull in Planned Events from PAM (or create Plans in PocketPAM) and convert them to Actual Events.



GP Diary: Do away with the old notebook – GP Diary synchronises with PAM's General Purpose Diary. Used for taking general (not paddock specific) notes linked to a date. Reminders can be added and associated with dates as can numeric data types and values. Reminders and Numeric Data types can be added on-the-go. Generate graphs of any numeric data!



gpsScout: Used for crop scouting. Crop observations, pest & disease scouting and weed scouting records can be entered. A GPS reading can be taken along with the crop monitoring record. In conjunction with PAM Mapping, a layer of observation sites will be made for each scouting mission, if the GPS option is enabled. gpsScout can also be used to collect waypoints in the field. The layers of scouting points and waypoints can be uploaded to PAM Mapping.



Harvest Inventory: Used to keep track of your stored produce and to maintain a running balance of materials in your harvest storage locations. It enables you to sell, transfer or use the produce. If you are using the Harvest Contracts system in PAM, this module also enables you to record your deliveries that go to fulfill those contracts.



Inventory: Record purchases of inventory (add new consumables and pack sizes on the fly). Record stock write-offs and write-ons. Record inventory storage location transfers.



Irrigation by Valves: If you are running PAM UltraCrop or PAM AusVit or PAM UltraVit, you will have the option to set up the recording of irrigation events in “Valve Mode”. If you have chosen that mode, this module will become available in PocketPAM.



Livestock: The Livestock module has almost as much functionality as PAM's Livestock Diary. Use this module for recording livestock events: movements, veterinary treatments, supplementary feeding, shearing, branding, breeding, purchases, sales, births, deaths etc.



Mapping: If you are running PAM + Mapping on your desktop, your layer of fields or paddocks will automatically transfer to PocketPAM. The mapping module enables you to draw points, lines & areas, measure areas, collect waypoints, enter data by picking the field or paddock on the map for crop monitoring, crop diary records & livestock records.



Pasture Scout: Pasture Scout is used to record the Feed on Offer or Pasture Cover and Pasture Growth Rates of your pasture paddocks. Pasture composition can also be recorded. Display graphs of Pasture Growth Rates, Feed Wedges & Total Pasture Cover.



Stocktaker: The Stocktaker module is designed to be taken to your inventory storage locations to perform a physical stock take of consumables. PAM sends the current stock-on-hand data to PocketPAM then you record the actual (observed) stock on hand and PocketPAM sends the adjustment records back to PAM.



Time Keeper: Used for recording events, e.g. who did them, where, what they did and how long it took. On synchronising the data back to PAM, employee hourly costs are added to the records.



Water Meter Readings: Within PAM, you can choose to enable the Water Meter readings module. If that has been enabled in PAM, this module will also become available in PocketPAM. Use this for keeping track of the water meter readings on your farming operation.



Weather: Do your data entry when you check the gauge. Synchronises with PAM's rainfall system and includes the optional comprehensive weather system. Temperature, humidity, evaporation etc. View rainfall and weather graphs.

Selecting Your Modules From The Modules List

Inevitably, you will not want to have all PocketPAM modules enabled for your operation.

1. Tap on the Modules button.



2. Choose the modules you will be running using the ON/OFF slides.

3. Tap “Back” to save your options.



EXCHANGING PAM DATA WITH POCKETPAM (SYNCHRONISING)

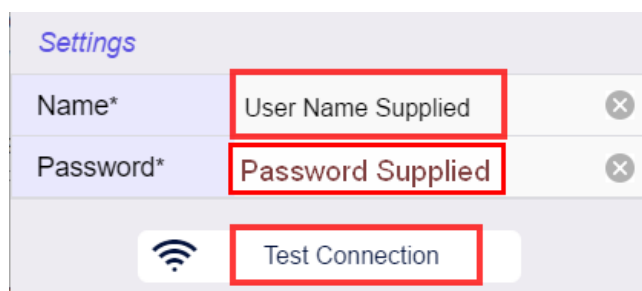
Synchronising Using PAM SaaS Server - Setup

1. In PocketPAM set up the connection settings by tapping on the “Settings” button.

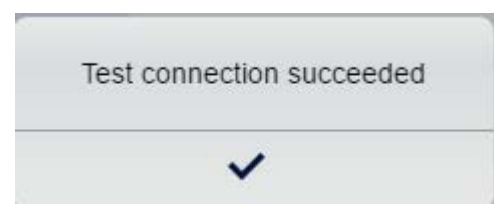
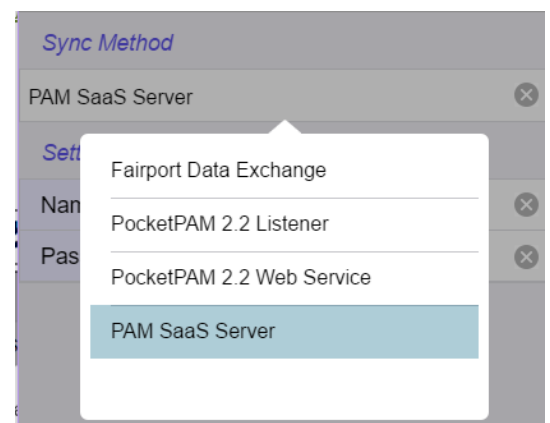


2. Tap on the “Sync Method” field and select “PAM SaaS Server”

3. Enter the user name and password in the relevant fields



4. Test Connection – you should get “Test Succeeded”



5. If you receive a “Test connection succeeded” message, you are set to go - if not, check your settings.

6. Tap on  to load your Company Names and configuration settings.

7. Tap on the “Business” field and select the business unit that you want to use from the pop-up menu.

- *PAM SaaS users will be able to enter data for all the business units they have been given permission to access, however, only one business unit will be “live” at one time (just as in PAM).*

Program Defaults		
Business	Crop & Livestock Business	✕
Language	English	✕
Resolution	100	- +

8. Adjust the screen resolution using the “-” and “+” buttons.

- *The higher the screen resolution, the larger the text will appear.*

9. Photo Settings - You can use your device’s camera to take photos associated with recording jobs. These settings are provided to enable you to:

- Save images to your devices photo album.
- Vary the resolution (quality) of the images.
If the quality is high the image size will be larger as may cause synching issues.

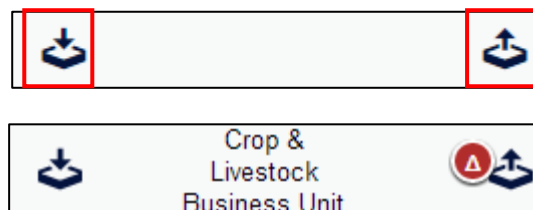
Photo Settings			
Save to album		✓	
Quality 25-100	25	-	+

10. Tap “< Back” to save your preferences.

Synchronising Using PocketPAM Listener - From and To PAM

Getting data from PAM and sending data to PAM is done either on a module by module basis by tapping on the “To PAM” and “From PAM” buttons.

or
for all selected modules by tapping on the “To PAM” and “From PAM” buttons on the Home screen.



As soon as you enter records into a module (i.e. Crop Diary), the red “Delta” badge appears on the “To PAM” button. This indicates that you have records to be sent to PAM.

Some modules share data, e.g. Inventory records can be shared with both the Crop Diary and the Livestock modules, i.e. if you have purchased any new consumables or added a new consumable in PocketPAM. The Inventory and Stocktaker modules share data as do Time Keeper and the Crop Diary modules. By adding records in one module, you may see the red “Delta” warning badge appear in others.

If you attempt to get fresh data from PAM while you still have unsent records, you will be warned. You will be required to tap “YES” before any data can be received from PAM because the consequences of doing that is that your new data will be overwritten!



Modules use differing numbers of data tables, e.g. the Weather data all ‘lives’ in a single table, while the Crop Diary module uses over 60 tables. Consequently, the time taken to transfer your data varies from module to module.