



On Farm Recording Tools

Andrew Cooke

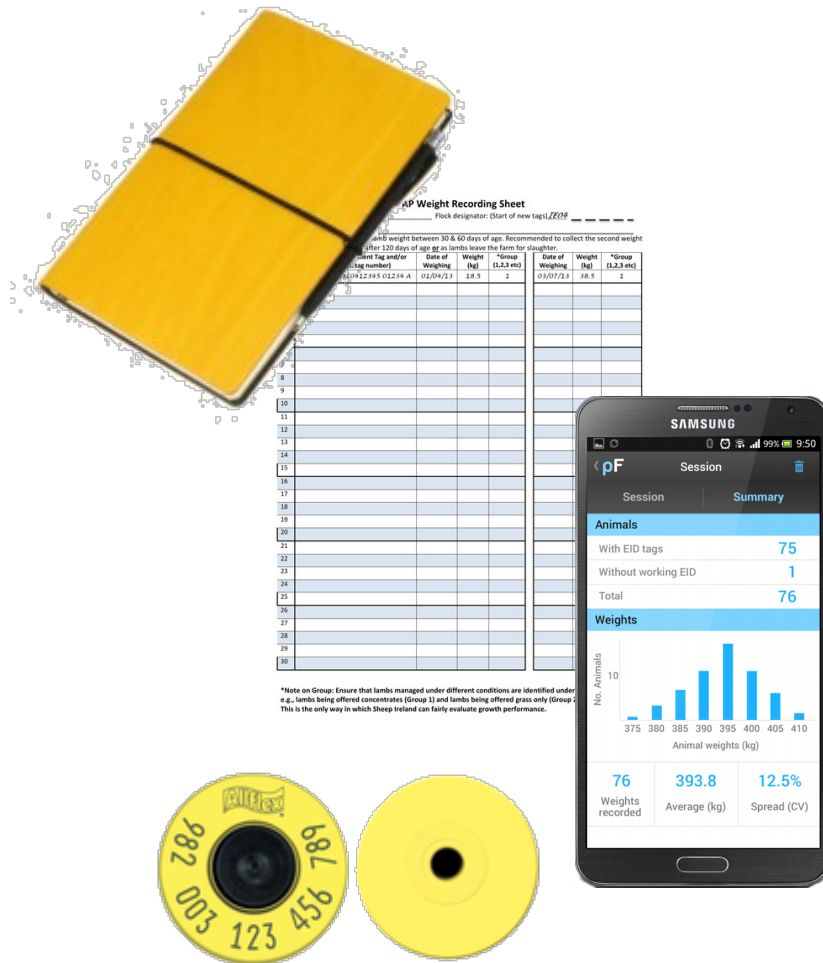
Managing Director, Rezare Systems

Rezare Systems



- NZ's agricultural software specialists
- 15 years maintaining SIL
- Team of 30
- B+LNZ Genetics, RMPP, Ravensdown, Fonterra, DairyNZ, Farmax, and more

Context



Notebooks and paper:

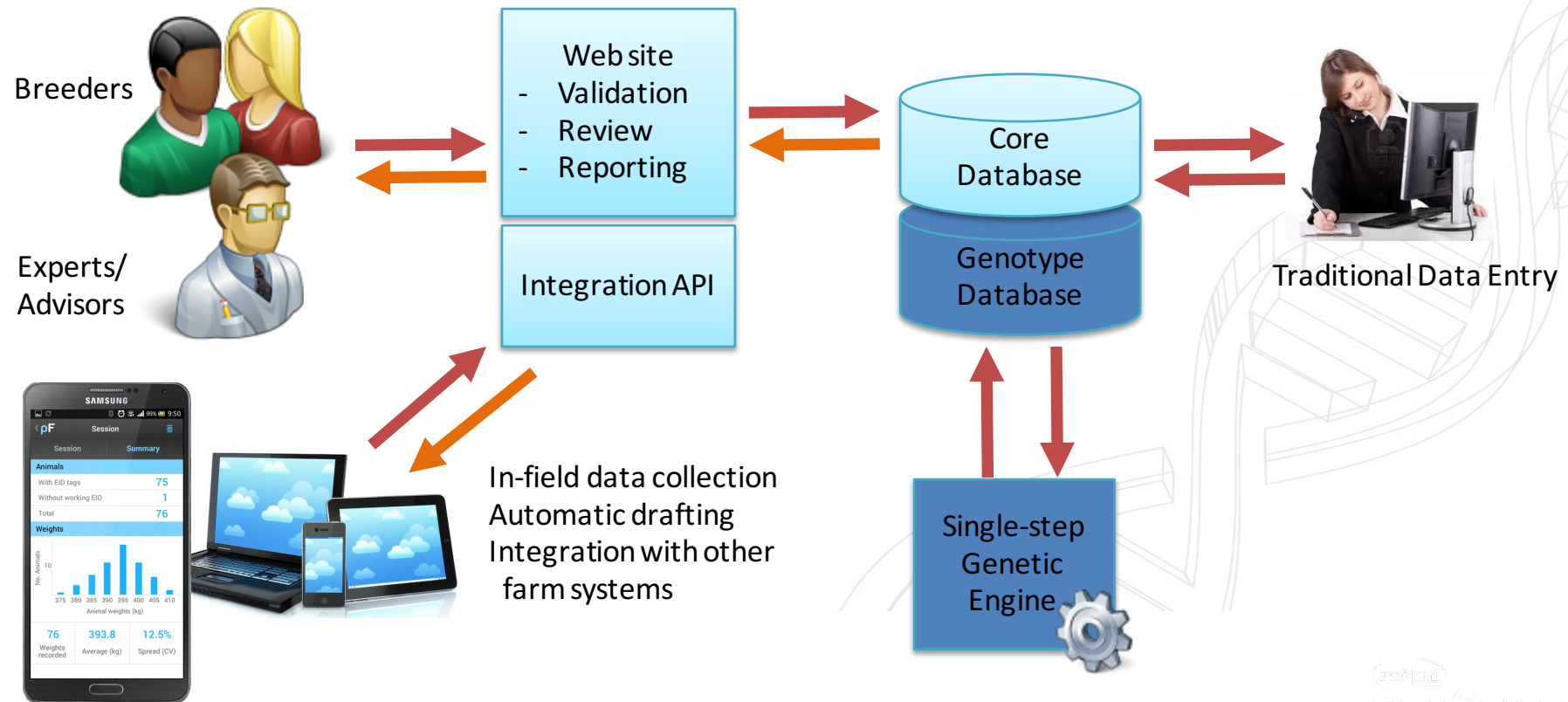
- Functional
- No batteries, “waterproof”

Technology

- Increased accuracy
- Removes transcription
- Reduces time in office
- “Waterproof” options

This is a skill that can be learned

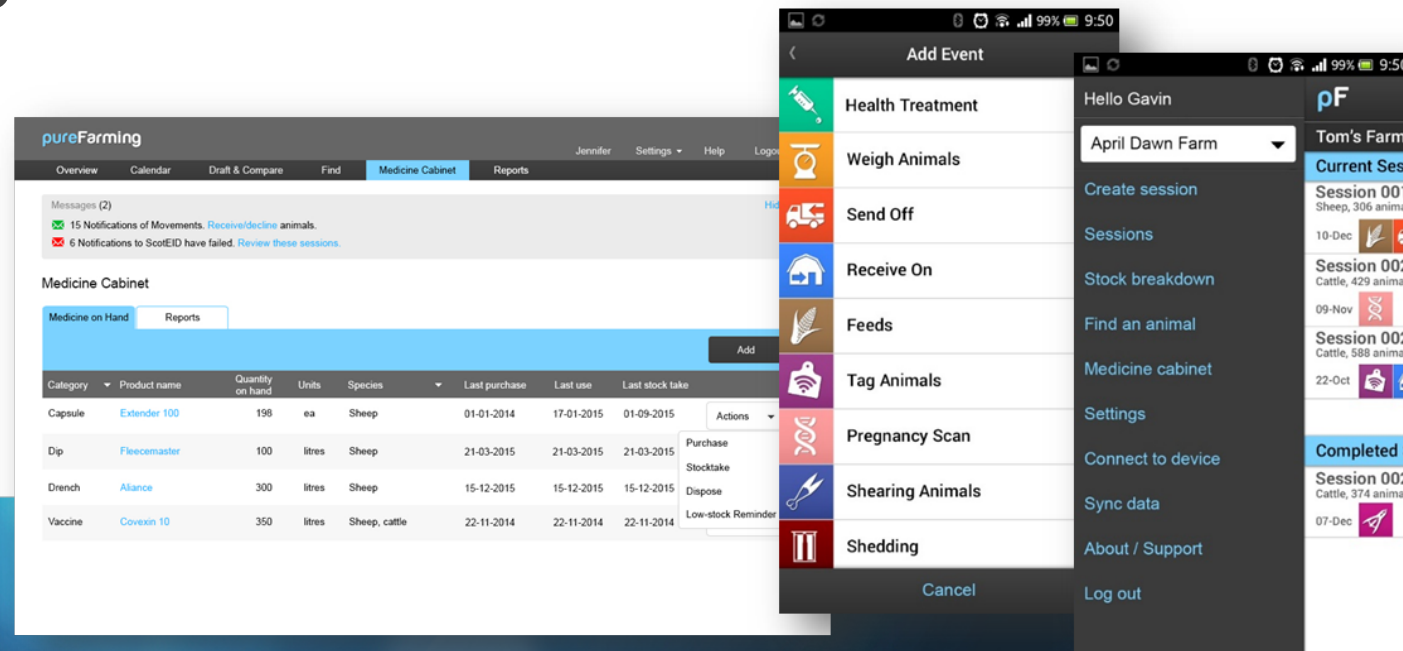
Context



Collection

pureFarming

- By *Apps On Farm* (Rezare, Gallagher)
- Synchronises with SIL
- Mobile App – session based
- Integrates with EID and Scales

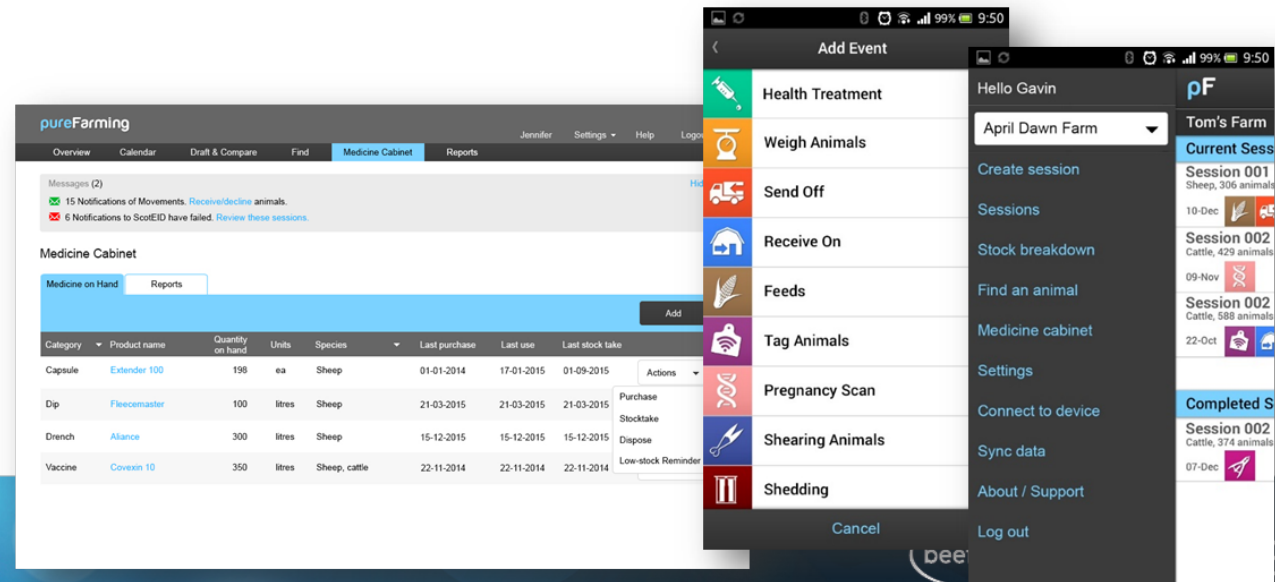


TICS

Collection

pureFarming

- Record lambing
- Find animals and view data
- Draft lists
- NAIT and processor integration



Supported devices



Android: Bluetooth or Wi-Fi, Apple: Wi-Fi only

Lambing

pureFarming

- Open or start a lambing session
- Scan or type in the dam tag
- Enter number born, dead, fate

The screenshot shows the 'Recording Page' of the pureFarming app. At the top, there's a status bar with icons for signal, Wi-Fi, 98% battery, and the time 12:46. Below the status bar is a header with the 'pF' logo and the text 'Recording Page'. There are two tabs: 'DAM' (selected) and 'PROGENY'. A 'Next Dam' button is visible. The form fields are as follows:

- Dam: 12345/124/14
- No Born:
- No Dead:
- Fate:
- Ease: (optional)
- Notes:

At the bottom, there are two buttons: 'Finish' and 'Finish + upload'.

Lambing

pureFarming

- Open or start a lambing session
- Scan or type in the dam tag
- Enter number born, dead, fate
- Switch to progeny
- Scan EID if desired
- Enter tag, sex, fate

The screenshot shows the 'Recording Page' in the pureFarming app. At the top, there's a status bar with icons for connectivity and battery (97% at 12:50). Below the status bar is a header with 'pF Recording Page' and a trash icon. A tab bar below the header has 'DAM' and 'PROGENY' tabs, with 'PROGENY' being the active tab. A 'Next Progeny' button is visible. The main content area displays the dam tag '12345/412/16'. Below this are several input fields: 'Management Tag:' with '412', 'Sex:' with 'Ram', 'Birth fate:' with 'L', 'Mating Sire:' with '942000015222974, 12345/82/14', and 'Genetic Dam:' with '12345/124/14'. At the bottom, there are two buttons: 'Finish' and 'Finish + upload'.

Viewing details

- Scan an EID tag or search for a visual tag
- Look at details including history and BVs

pureFarming

Animal Information

SUMMARY HISTORY BVs NOTES

Official ID 12345.98/14
EID 0942000015223090
Management Tag 98/14
Other Tag
Sire 1015.20/11
Dam 1015.78/08
Dual Purpose Index 1523

Location NZ-0012-6700 :: Kims Farm
Mob Breeding Stock

2014	Romney	Ewe
Born	Breed	Sex

Last Event
Date: 08/02/2016 Event: Movement

62.5
Latest Weight (kg)
Weighed On: 15/01/2016

Add Event

Create draft lists

pureFarming

- Sort or compare groups of animals
- Multiple criteria
- BVs, indexes coming
- Download to your scales

pureFarming

dkbsignup9@mailinator.com Settings

Overview Calendar Draft & Compare Find Medicine Cabinet Reports

Messages

[Return to Draft & Compare](#)

Create a new list

Step 1 - Find animals you want Step 2 - Name your list Finish

What type of animals do you wish to add to the list

Select animals for sale

Sex

Breed

Year Born

Weight kg

Mob(s)

Find Animals * indicates most recent value will be used

Animal Characteristics	Performance	Draft Lists
Birth Month	Average Calves for last [x] years	Draft Lists
Birth Rank	Average Pregnancy Diagnosis for last [x] years	Health
Breed	Had Dead Calves (most recent)	Death
Mob(s)	Calving Ease (most recent)	Treated with
Received From	Grading for [reason] (most recent)	Pedigree
Sex	Growth Rate (most recent)	Mated to
Withholding Status	Recently Calved (most recent)	Is a parent of
Year Born	Recently Diagnosed (most recent)	Is a progeny of
	Weight (most recent)	

Connection



- Connectivity with other systems:
 - Genotype reseller and lab
 - Researchers
 - Data Collection (pureFarming, FarmIQ)
 - Processors
 - Analytics
 - Future tools (including third parties)

DataLinker



- Red Meat Profit Partnership and DairyNZ PGP
- Standard data formats
- Directory of data providers
- Agreed terms and permissions
- Data travels “point to point”



Thank you.

andrew.cooke@rezare.co.nz