Electronic Milk Meter (EMM) and RFID in Parlours

Bretagne Region in France
Why RFID with EMM?

- Herd size getting larger:
  - cows not known by farmer
  - hired labour does not know cow ID’s
- Saves manual entry
- Speeds up entry of cow ID
- Integrates herd recording with future needs of farmer
- Adds credibility to traceability
- Future proof herd records – improved accuracy for new services e.g. genomics, disease testing
Tru-Test Ezi-Reader

- **Double-4 parlour testing:**
  - Test farm in Bretagne, France
  - 100% read rate April herd test

- **Testing partners include:**
  - Bretagne Controle Laitier
  - Chamber of Agriculture

- **Permanently installed:**
  - Antenna & lead with C16 plug are owned by farmer
On herd test day:
- Ezi-Reader plugs into antenna then provides power & intelligence
- Sends cow ID directly to Electronic Milk Meter by radio frequency
Tru-Test Ezi-Readers & Electronic Milk Meters
Tru-Test Ezi-Reader

- **Efficient** – simple registration of an Ezi-Reader to an EMM
- **Fast** – cow ID is sent directly to the Electronic Milk Meter
- **Easy** – no extra gear for herd tester to carry
- **Convenient** – no need to walk down head of cows
- **User friendly** – cow ID checked against preloaded database
Allflex Dairy Coupler

- **Farm testing:**
  - 2 parlour trial sites in Bretagne

- **Testing partners include:**
  - Bretagne Controle Laitier
  - Chamber of Agriculture
  - Allflex

- **Permanently installed:**
  - Antenna & lead with Allflex “Coupler” to be owned by farmer

- **On herd test day:**
  - Data Handler slides onto “Shoe” with cable and one end of “Coupler” unit
  - Plug into other end of “Coupler” from antenna to read cow & assign to EMM
  - Move to next milking point
Allflex Dairy Coupler

- Simple – connect Coupler to send ID to Tru-Test Data Handler
- Easy – cow ID quickly assigned from Data Handler to EMM
- Convenient – no need to go to cows head
- User friendly – preloaded database checks cow ID