



TRU-TEST®

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

TRU-TEST®

- **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



Antenna



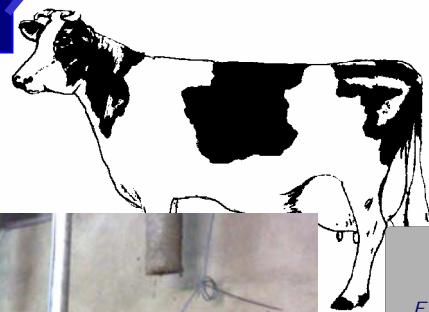
Tru-Test Ezi-Reader

TRU-TEST®

- **On herd test day:**

- *Ezi-Reader plugs into antenna then provides power & intelligence*
- *Sends cow ID directly to Electronic Milk Meter by radio frequency*

Antenna



Ezi-Reader

RF Comms

RF Comms

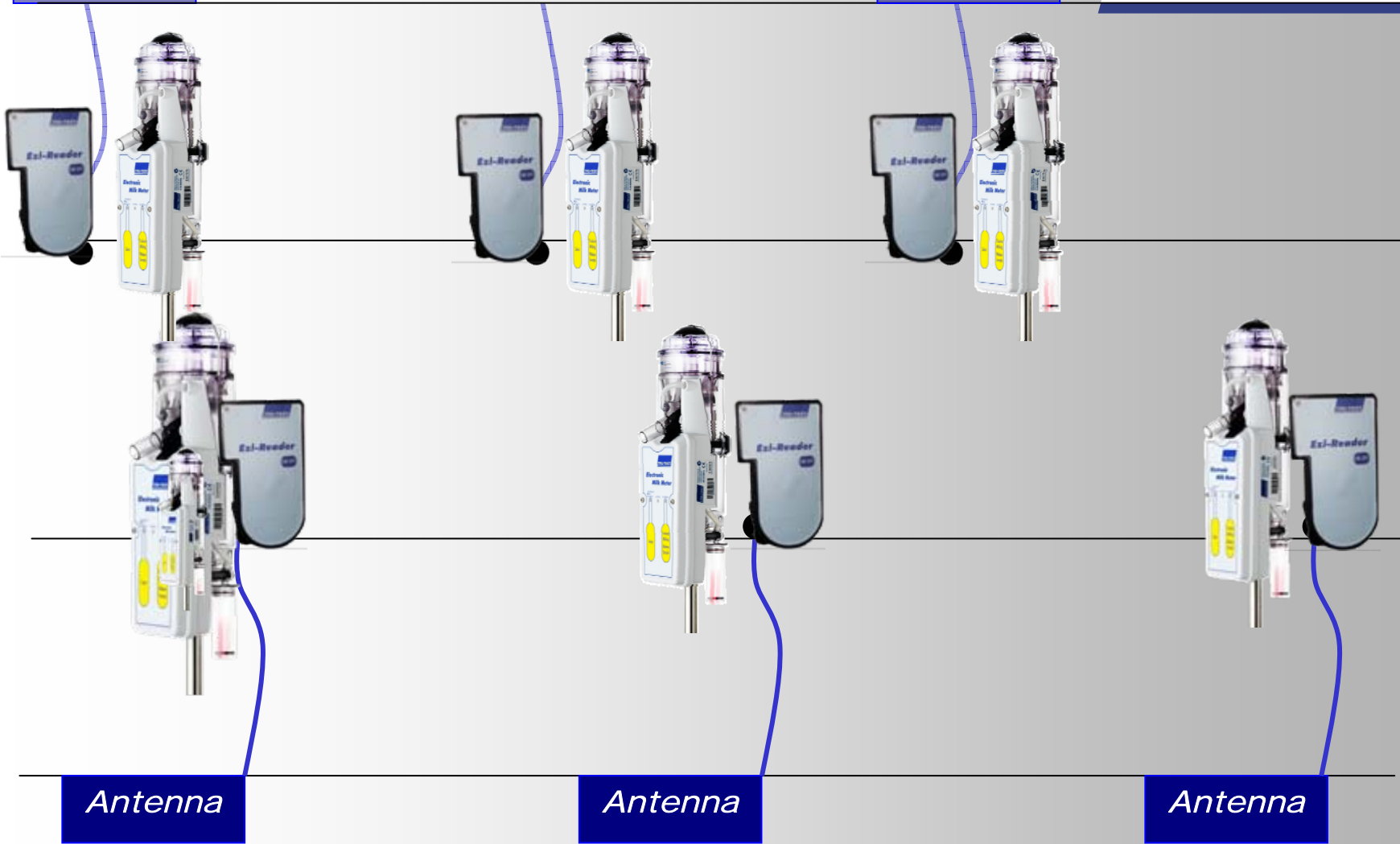




Antenna

Antenna

Antenna



Antenna

Antenna

Antenna

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

TRU-TEST®

- **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***