



# New path for automated performance testing of milk and meat

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Date de l'intervention : 29/05/2013

# What is the challenge for the MRO ?

- What the breeder would like to have ?
  - Have the measures with precisions and efficiency...
  - Traceability of the data and the Animal
  - More information in Process
  - Automate the routine without slowing
  - Processing more data
- What we can do to the future of our job ?
  - New Technologies or the last....
  - RFID Identification, new process
  - Link the device to the central data base
  - New qualification and job, for the user
- New image, more Professional on the Field



## Milk Meter for Cow/Goat

-  Lactocorder and EMM

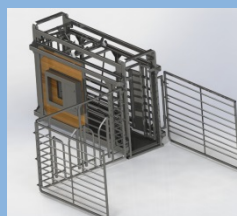
## Terminal PDA

-  With Vial Rfid
-  With RFID for Vial and Cows

## Screen Identification in milking parlour

## Interface Ori-Automate

## Automatic weighing for Beef



## Lactocorder (2000)

## EMM (2000)









- ❑ Use by the technical man or farmer
- ❑ Use for big installation and high milking rate
- ❑ To collect data about Milking/Cleaning
- ❑ Analyse the herd and help the farmer



## Lactocorder (1000)



-  Use only with tag ID, the farmer identifies the herd
-  Use for big installation 2x50 and rotary and high milking rate
-  the results:
  -  Tracability (sample and the goat)
  -  Minimum operator
  -  Follow the milking without disturb the routine



PDA with ID vial  
(500)



PDA with ID vial and  
Cows (100)



- Use by the technical operator
- Use for big installation and high milking rate
- Collect the data during the milking
- Send the data to the central database
- Collect some extra data to update the data base



## Screen for manage Information



- Use by the Farmer All the days
- Information from the central database (cow N°, treatment)
- Manage the alarm for inform during the milking
- Use for big installation and high milking rate
- Collect some extra data to update the central data base



## Screen for MRO



- Link to EMM and Lactocorder
- Use on time per month, for the MRO
- Information from the central database (cow ID, status)
- Use for big installation and high rate
- Link to the PDA with Vial RFID,





## Screen for MRO



ENTREE: 00417 07		SORTIE:	
07	00417	27	90010
01	00437	20	00203
02	90020	21	09398
03	06391	22	90103
04	06216	23	62560120
05	80041	24	09415
06	90075	25	09329
		26	00027



- Use by the farmer all the time, and feeding for goat
- Use by MRO, with link to the lactocorder, one time per month
- Information from the central database (Goat ID, status)
- Use for big installation and high rate





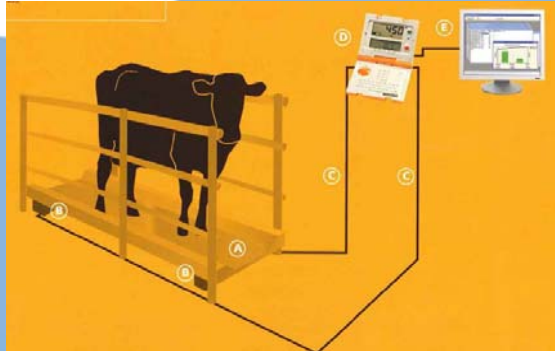
Interface  
Ori-Automate



- Use the milk meter and automatic identification use by the farmer ( Manufacture GEA, DeLaval, Boumatic and Fullwood)  
ID: AirTag or transponder.
- Valuation of the breeder material/device
- Interfacing the PLC Breeder with Ori-Automate
- National N°, Milk Yield, date and time for the MRO



## Automatic weighing for Beef



- ❑ **Patented system**
- ❑ Weight is registered during all the days (depend on the location)
- ❑ The animal walk through alone, without any help
- ❑ System free access, no contention.
- ❑ The animals weigh alone and the information is stored.
- ❑ 3 possibilities: in Barn, Pasture, the end of the corridor
- ❑ Identify the performance of each animal and sort them.





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**CONSEIL ÉLEVAGE**

*Donner du sens à la mesure*



Thanks for your attention

