



## Automating milking, feeding, weighing, separating and identification of health issues

**D**airy farming is becoming an increasingly complex and sophisticated business. The need to have accurate, up to date information on which to base herd and business decisions is essential. In addition to this, growing consumer interest, animal welfare, traceability and food quality are all areas where there are increasing demands for accurate record keeping in relation to farm activities. It is impossible to satisfy all these demands from manual records.

### CRYSTAL – PRECISION HERD MANAGEMENT

Crystal completes the management circle by fully automating the four steps of dairy management:

#### 1 OBSERVE

- Management starts with observing situations and circumstances

#### 2 ANALYSE

- Second step is to analyse observations

#### 3 CONTROL

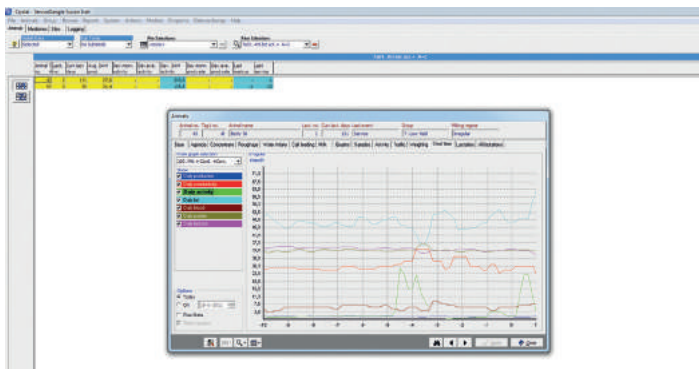
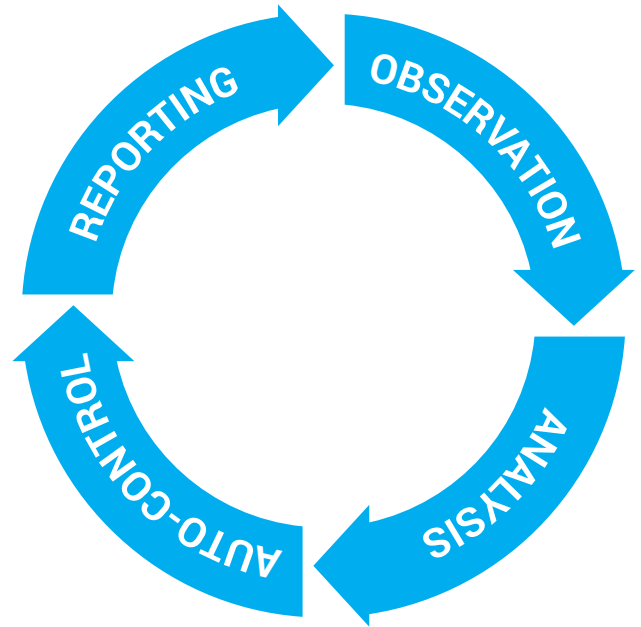
- Then decisions are made to control and change circumstances

#### 4 REPORT

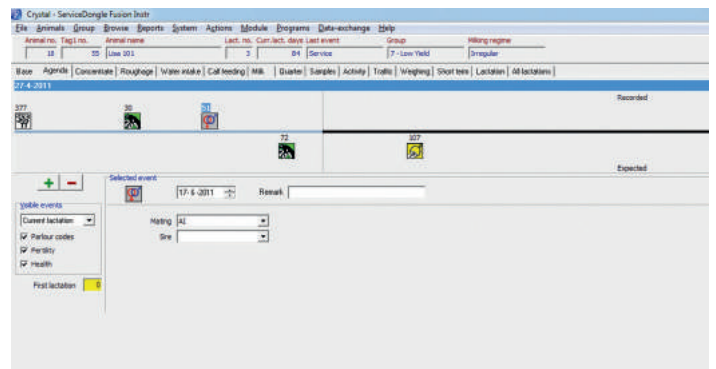
- Decisions are reported and the observations start again

## THE MOST IMPORTANT FEATURES

- Automatic animal observation by reliable and accurate sensors which measure yield, conductivity, temperature, blood, pedometer activity, animal weight and feed intake
- Analysis and combining of all sensor information with animal agenda and treatment events based on user defined parameters
- Automatic animal handling, depending on conditions set eg. divert animals or milk, adapt feed or milking treatments
- Easy to use attention lists that show relevant information at an early stage. Actions can be entered directly into the system to combat problems immediately
- All information linked to other stakeholders via the internet



ATTENTION LIST



AGENDA

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