iDDEN - Messages

Version 1.3

Version History

Version	Date	Comment
1.0	01.01.2021	Initial Version
1.1	24.08.2022	Added Health messages, Diagnoses and Treatments
1.2	01.11.2022	Added Animal Sets, Join and Leave
1.3	12.12.2023	Added Service-Sires Endpoint

Implemented Messages:

The iDDEN Hub uses ADE messages for communication with external partners. Following is a list of all implemented messages so far. The list will be growing over time whenever new requirements are identified and defined in ADE.

Number	Event	Comments
1	Milking	Individual milking events
2	Milking complex	Milking events supplemented by sensor data
3	Milking by quarter	Teat coordinates, milk weights & time by quarter
4	Herd list	Animals in the herd
5	Feed Intake	Feed consumption on the farm
6	Feedstuffs	Feedstuffs available at the farm
7	Available Identities	Free animal identities / tags for use for new-born calves
8	Body Condition	Animal body condition score
9	Milk recording result	Milk analysis and 24-hour yield
10	Birth	I&R births
11	Stillbirth	I&R stillbirths
12	On movement	I&R entering stock
13	Off movement	I&R exiting stock
14	Death	I&R deaths
15	Insemination	Artificial insemination/ embryo transplant event
16	Natural mating	Natural mating event
17	Running with a bull	Cow running with a bull event
18	Keep open	Cow not to calve again
19	Dry off	Dry off event
20	Pregnancy check	Pregnancy diagnosis event
21	Abortion	Pre-term abortion event
22	Calving	Calving event, difficulties etc.

23	Device data	On-farm device information
24	Heat	Heat observation event
25	Weights	Weight of an animal
26	Diagnoses	Health – Diagnoses
27	Treatments	Health – Treatments
28	Treatment programs	Health – Treatment programs
29	Animal Sets	Management – Animal Sets (Groups of Animals)
30	Animal Set Join	Management – Animal joins Group
31	Animal Set Leave	Management – Animal leaves Group
32	Service Sires	Info on insemination bulls