



**The reality of on-farm hardware
when providing tools of the future**

ICAR 2024 annual conference, Jasper van der Noord



Introduction

Jasper van der Noord
Born in the province Friesland, The Netherlands
Since 2010 Lisbon, Portugal

Working for UNIFORM-Agri since 2006
Started at support
Currently product manager

From childhood on always been interested in the
dairy industry.

Studied animal husbandry and agribusiness at
Van Hall Lareinstein in The Netherlands



The reality of on-farm hardware when providing tools of the future

- New technology and the reality on dairy farms.
- Challenges and benefits of combining and connecting new and old on farm technologies.

Linking on farm automation

Sensors, milking robots, parlors, scales, sorting gates & concentrate stations

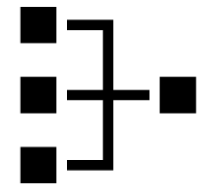
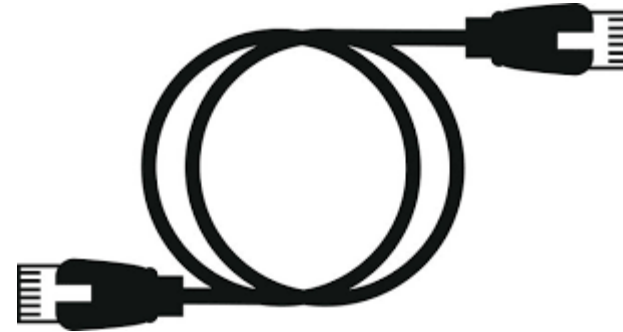
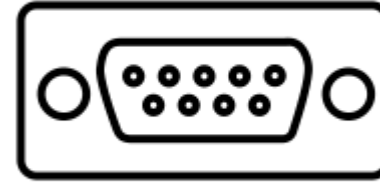


—innovators in agriculture—

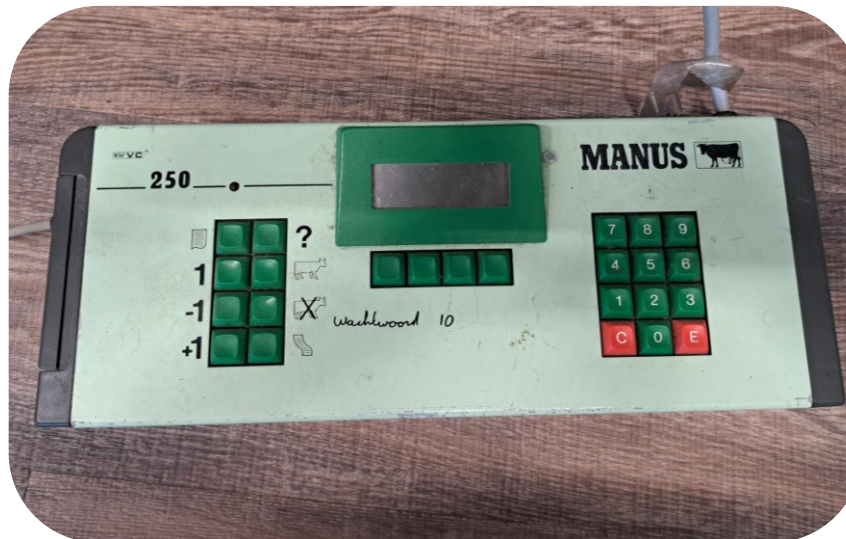


... and others

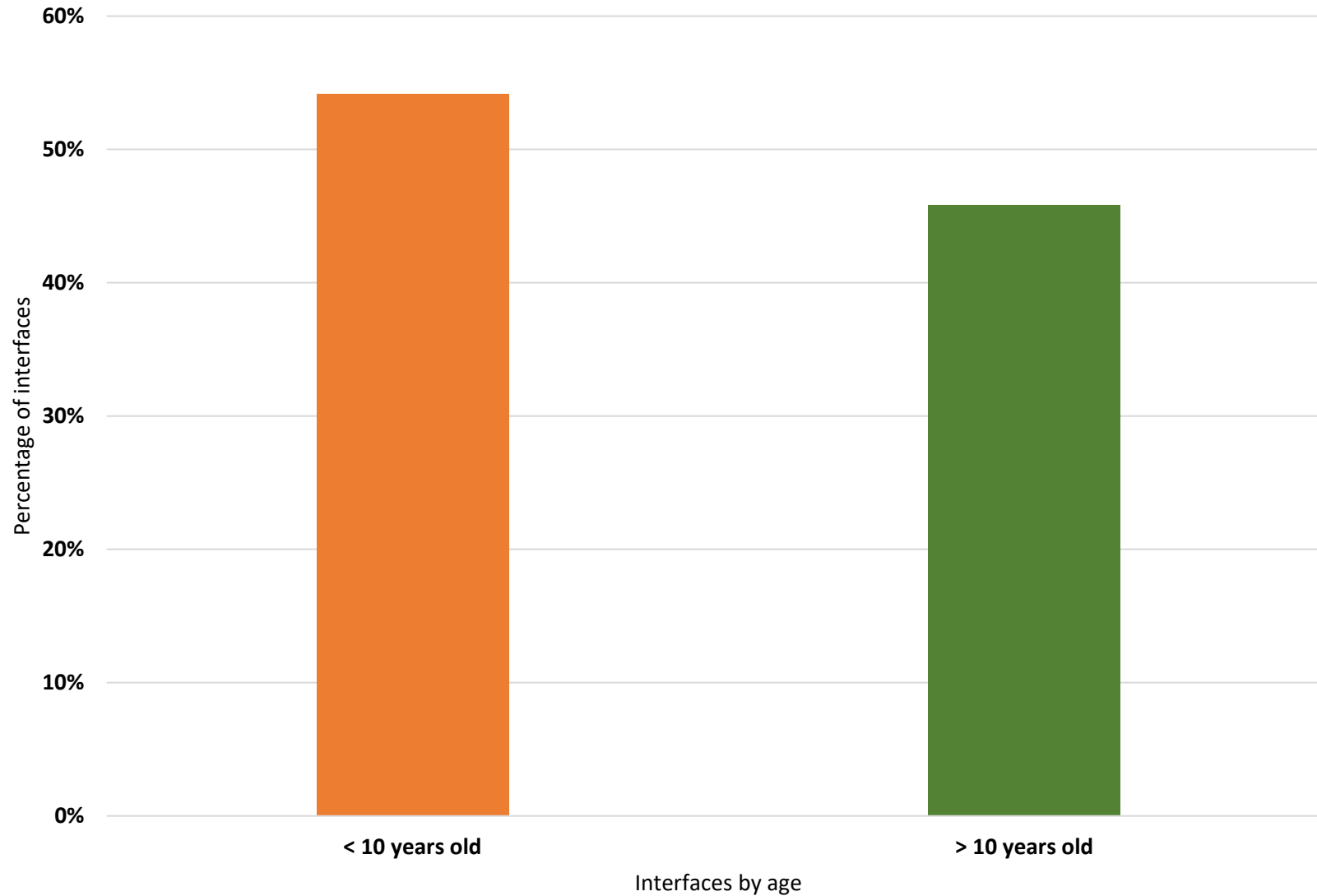
All kind of interfaces techniques



Some examples of older systems



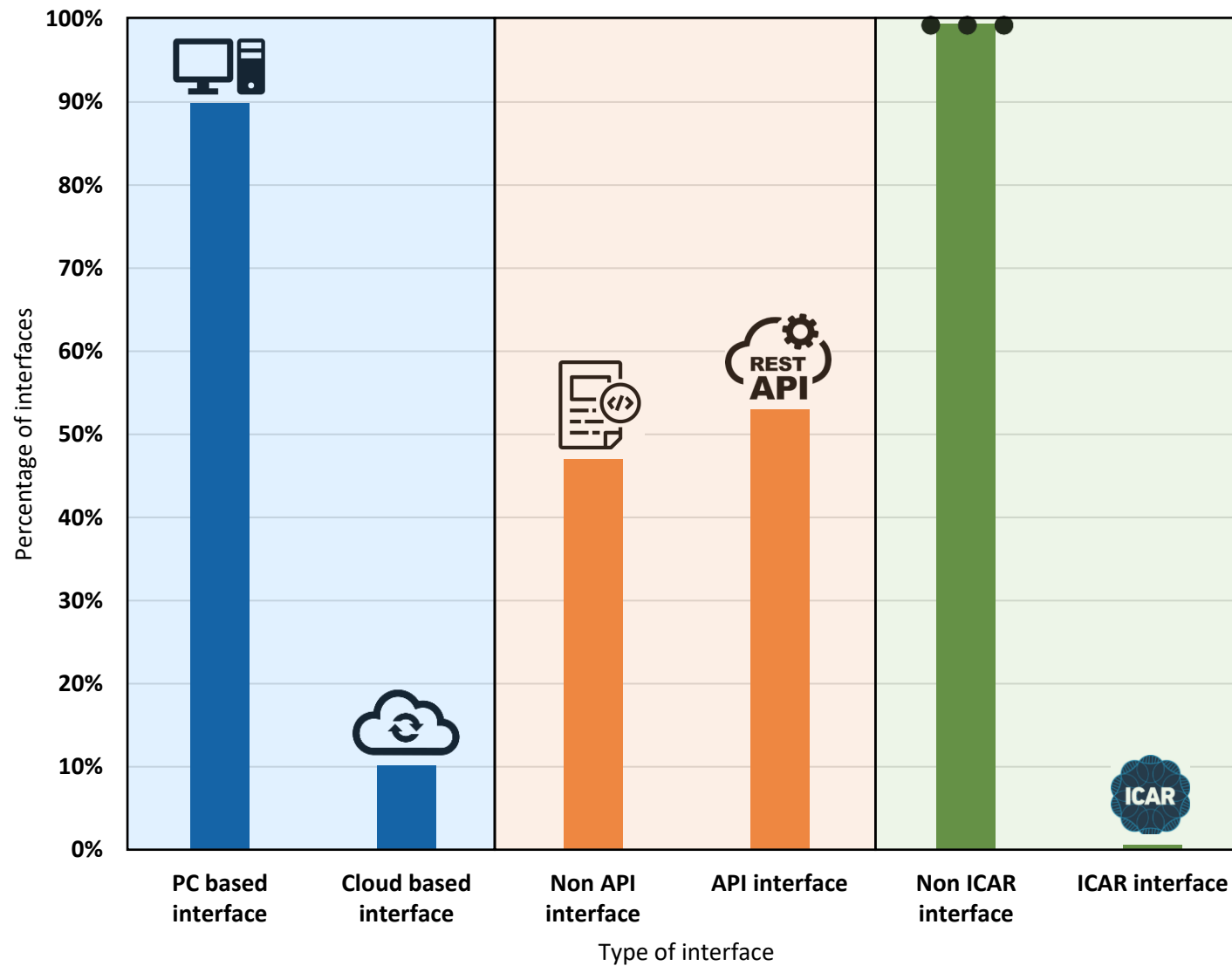
On farm interfaces divided by age



Source: UNIFORM-Agri

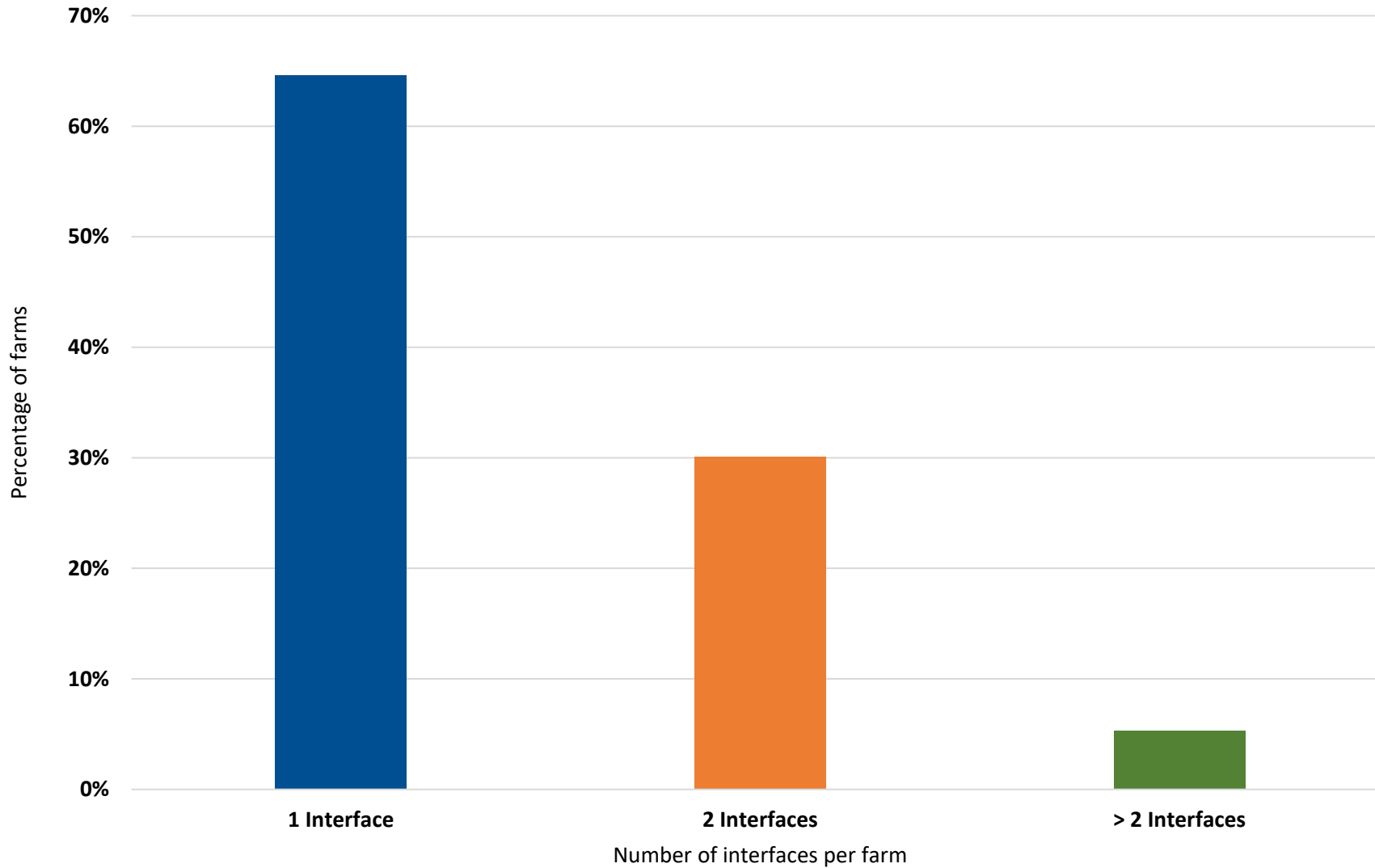


On farm interfaces divided by type



Source: UNIFORM-Agri

Division by number of on farm interfaces



Source: UNIFORM-Agri



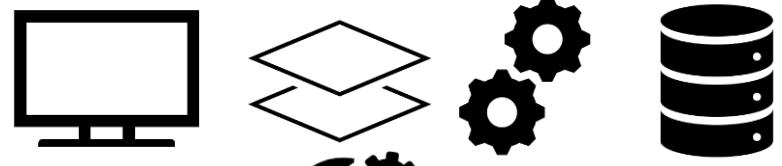
Modern and old on farm technologies combined

Consultants, MRO's and other (national) organizations



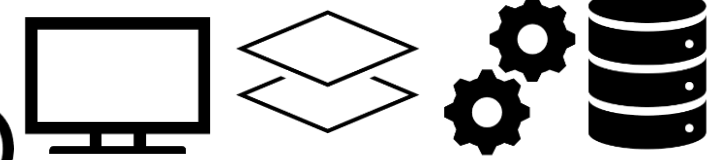
REST API

UNIFORM-Agri MS cloud or local



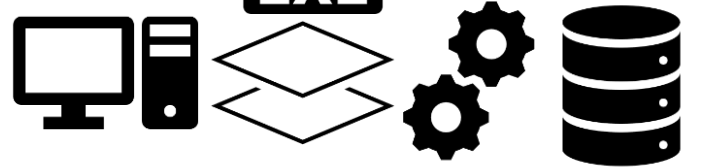
REST API

Cloud sensor or milking system

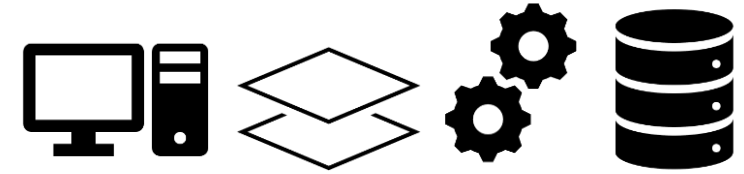
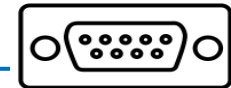


REST API

EXE



PC based milking system



PC based feeding system



Data from different sources combined



Herd Summary:



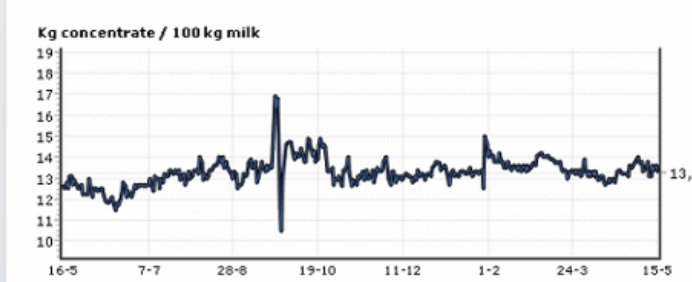
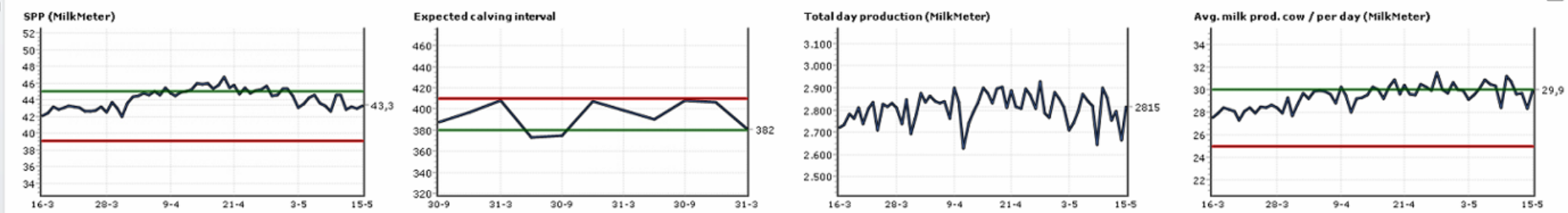
Attentions:



Processes:



KPI:





Thanks

