

Software

EMEA - Europe/MidEast/Africa

Serket

Tackling antibiotic resistance with an AI-powered alternative for livestock health management.



Solution components Hardware

- Lenovo ThinkSystem SE350 Edge Server with Intel® Xeon® Processors
- Integrated 10 GbE Controller for Lenovo ThinkSystem
- NVIDIA® T4 GPU

Software

- Docker
- Kubeflow
- NVIDIA CUDA®
- NVIDIA DeepStream SDK
- NVIDIA TensorRT™
- Ubuntu Linux

Use of antibiotics in farming is an issue of global significance, as it is one of the primary contributors to antibiotics-resistant bacteria. Founded in 2016 in Amsterdam, Netherlands, Serket is a livestock technology company developing an advanced, cloud-based AI solution that uses camera vision to help farmers identify sick animals and take early action to minimize the need for antibiotics. To enable automated monitoring of livestock on farms where internet connectivity is poor, Serket uses Lenovo ThinkSystem SE350 Edge Servers powered by Intel® Xeon® processors and NVIDIA® T4 GPUs—helping it to double its client base in 12 months.



“We look forward to continuing our collaboration with Lenovo and NVIDIA® to minimize the use of antibiotics in agriculture, reduce costs for farmers, and contribute to greater animal welfare.”



SERKET

Kristof Nagy
Founder & CEO,
Serket

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