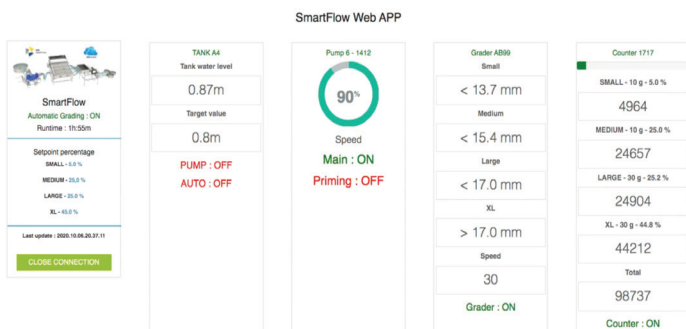# VAKI®

VAKI® SmartFlow connects all Smart Fish Pumps, Graders and Counters for full overview and control of the fish handling system. **SmartFlow** collects key data from all connected equipment to enable continued optimization and reporting throughout the process.

With **SmartFlow**, all smart devices are controlled and fine-tuned to achieve high levels of efficiency and accuracy to maximize fish welfare while minimizing labor.
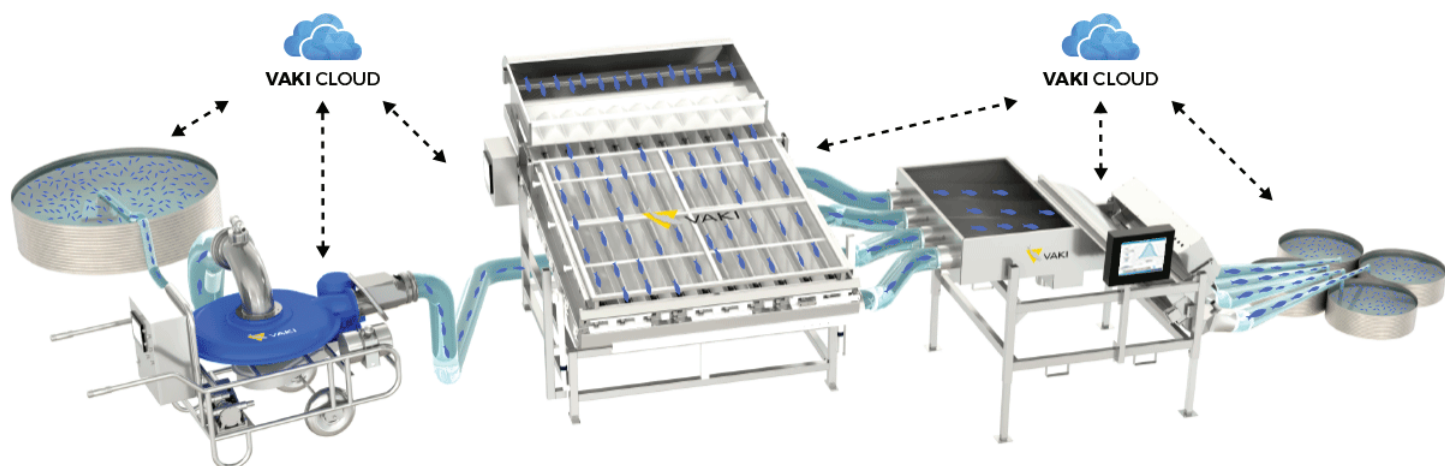

FEATURES

- Inter-connects all VAKI® smart products
- Provides fully centralized control and/or automated operation
- Remote browser based monitoring on any smart device
- Compatible with all sepecies
- Enables dynamic size grading of fish by
    - Preset % split
    - Balanced biomass

BENEFITS

- Ease of use to simplify critical fish handling operations
- Improves the quality and accuracy of farm operations
- Provides real-time evidence and recorded validation of all processes
- Automatic grading based on biomass or % count
- Easy access to highly valuable count, grade, and pumping data
- Logging of all equipment actions for future reference and full traceability
- Preventive maintenance scheduling based on duty cycle

SMART FISH PUMP

The **Counter** measures the rate of fish and automatically links to the **Smart Fish Pump** in order to regulate the pumping speed and prevent overload of the grader/counter. The **Smart Fish Pump** can be remotely operated from the **Counter**.

SMART GRADER

The **Smart Grader** can be remotely operated directly from the **Counter**. Also, the feedback loop between the **Counter** and **Smart Grader** can relieve the user from having to manually monitor and adjust for an optimal grading result.

COUNTER

The **Counter** measures both size and number of fish that pass through the **Smart Grader** in each grading category. The **Counter** can fine tune the **Smart Grader** as needed to achieve the optimal relative size distribution category.

COUNTING & GRADING REPORT

Automatically generated reports of fish handling operations containing all counted and graded fish data, along with a file containing images of all fish.

LEARN MORE ABOUT
SMARTFLOW
vakiiceland.is/smart-flow-system/

MSD
Animal Health