Unbiased and Consistent
Automated Grain Grading
24/7 at Scale

Extend operating hours, minimize wait time, and manage deliveries remotely with **SMART**SITES Grain integrated with our new continuous flow grain grading solution.

REALM

UTILIZE FULLY AUTOMATED CONTINUOUS FLOW GRAIN GRADING TO EXTEND OPERATING HOURS AND GAIN CONSISTENCY.

✓ Visual Inspection

Results in consistent, unbiased grading in seconds

Detects type, damage, foreign material, and much more

Ability to learn new or improve existing visual anomalies

✓ Odor Detection

Digitally detects grain type and various smells in seconds

Ability to learn new or improve existing smell profiles

Different molds and smell profiles coming soon

✓ Physical Characteristics

Separates foreign material and measures weight

Measures moisture and determines test weight

Additional detectors coming soon

✓ Scale House

Integrate accurate grading results with digital scale tickets

Fool-proof load ins / outs and reduce fraud

Automate associations of contracts to loads

✓ Automation

Automates repetitive tasks to focus on greater value work

Extends operating hours without workforce availability

Reduce errors and labor oversights

✓ All Locations - One View

At a glance views of sample grading and scale tickets

Manage sample grading for all locations in one place

Enforce grain management SOP's across enterprise

A.I. + Machine Learning

Our solution learns from the data collected using computer vision, analyzers, and digital sensors resulting in improved models to detect known factors and anomalies.
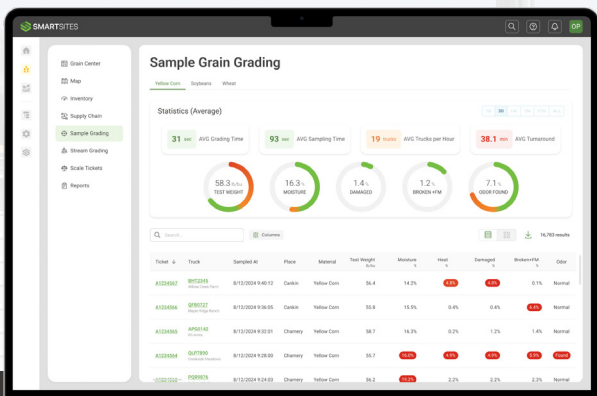

Reduce Wait Times

Our focus has been to ensure uniform results while speeding up the grain grading process. Improve your customer's experience as they spend less time in line and dump faster.

Optimized Workforce

Finding and retaining skilled labor—especially during peak seasons—can be a challenge. Increase productivity while lowering labor-related costs, even during your busiest times.

SMARTSITES
WITH **GRAIN GRADING**

Utilize fully automated continuous flow grain grading to extend operating hours and gain consistency.

Grain Management
Improve grain quality while reducing manual labor and human errors. Lower your energy consumption and costs by leveraging grain bin fan automation.

Fertilizer Management
Gain multi-site fertilizer inventory visibility across all types and vessels including bulk NH3, UAN, and mobile tanks.
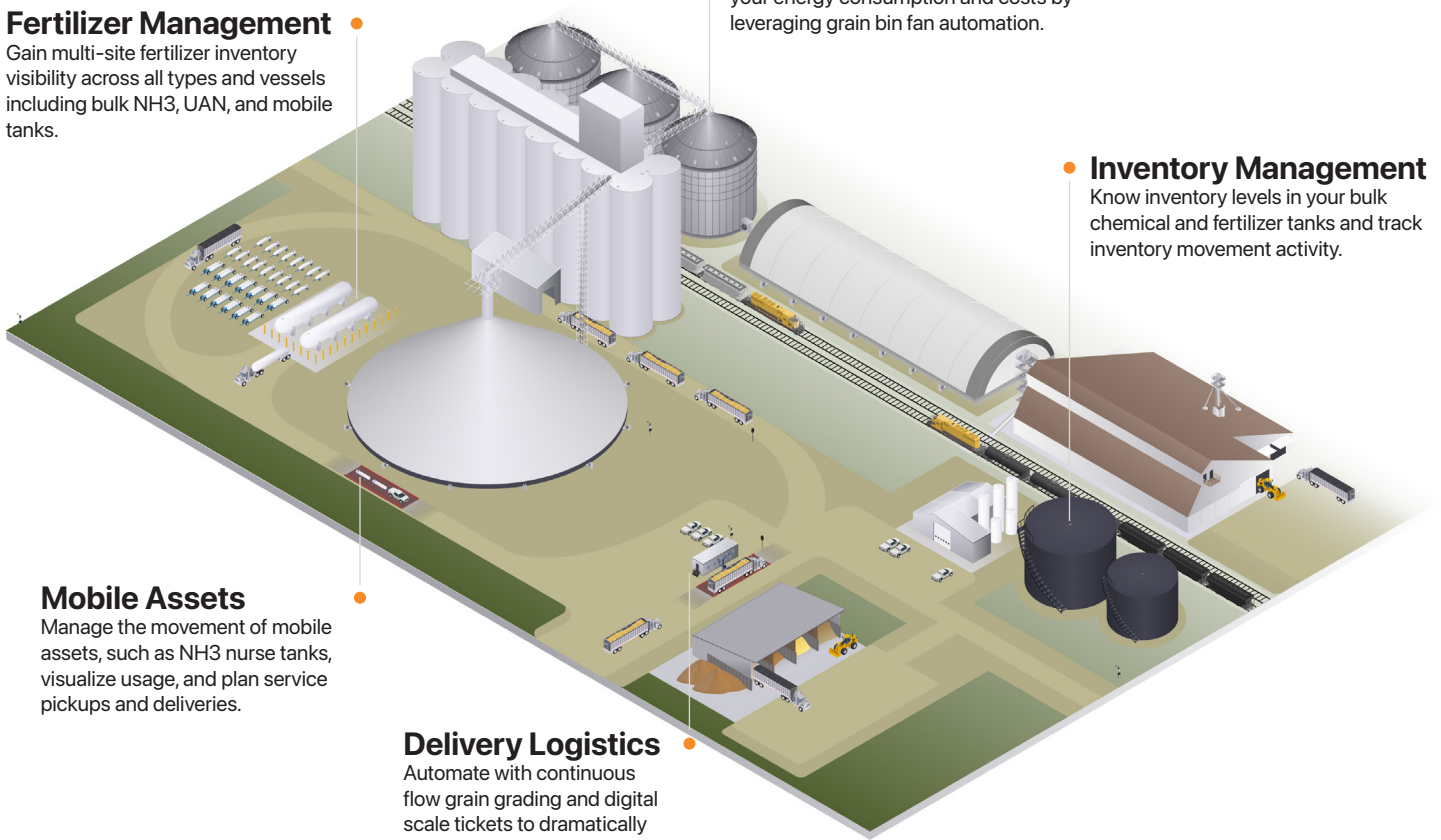
Inventory Management
Know inventory levels in your bulk chemical and fertilizer tanks and track inventory movement activity.

Mobile Assets
Manage the movement of mobile assets, such as NH3 nurse tanks, visualize usage, and plan service pickups and deliveries.

Delivery Logistics
Automate with continuous flow grain grading and digital scale tickets to dramatically reduce scale house labor.

SMARTSITES by RealmFive® is an innovative, growth-focused framework of devices, software, networking, and services as a seamless, cross-functional platform that scales with your business goals. It drives profitability through *smarter workflows*, *resource management*, and *labor optimization* through **data visibility**, **business intelligence**, and **data-driven automation** across your entire enterprise.

MANAGE YOUR REALM