



# SciAps Cloud Specifications

## The Operational Advantage

- ✔ Greater sampling density
- ✔ Clearer spatial understanding
- ✔ Faster, more confident decisions - made where the work happens

## Real-Time VIS-NIR Intelligence - Connected, Scalable, Immediate

From measurement to decision, without delay.

SciAps Cloud transforms VIS-NIR field measurements into calibrated, actionable insight in real time. The platform supports both quantitative and qualitative chemometric models, enabling identification, classification, and measurement workflows across diverse field applications.

Secure cloud infrastructure and seamless instrument integration create a connected intelligence layer between laboratory science and field operations.

Designed for agriculture, mining, and other field-driven industries, SciAps Cloud delivers the precision of the lab at the speed of the field.

## A New Standard for Field Intelligence

VIS-NIR has always had extraordinary analytical potential. What's changed is the ability to operationalize it at scale.

SciAps Cloud creates a continuous connection between:

- Laboratory reference data
- Cloud-based model development
- Field instrument deployment
- Spatial visualization and oversight

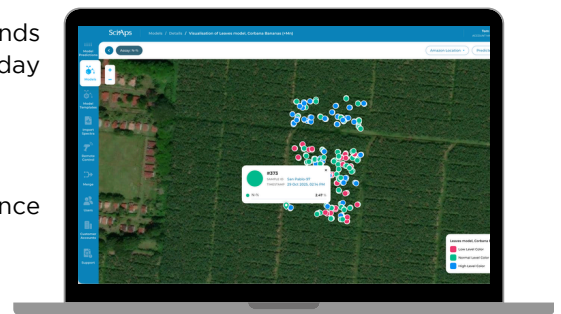
ML Calibration models are built, refined, and centrally managed in the cloud, then deployed directly to instruments for immediate prediction. Field measurements sync back for real-time visibility and continuous improvement.

This is not isolated data collection; it is an integrated measurement ecosystem.

## Real-Time Crop & Soil Intelligence

In agriculture, SciAps Cloud extends laboratory-grade calibration into everyday operations.

- Reference lab data establishes analytical precision.
- SciAps Cloud transforms that reference into scalable predictive capability.
- Field teams apply it across entire operations in real time.



Once models are deployed, hundreds of non-destructive measurements can be collected per day, capturing spatial variability across fields, zones, and seasons.

**The lab defines accuracy. The cloud enables scale. The field gains clarity.**

For more information, or to schedule a demonstration:

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**SciAps**





# SciAps Cloud Specifications

- ✓ One connected platform
- ✓ Unlimited applications
- ✓ Real-time intelligence at operational scale

## From Measurements to Maps

SciAps Cloud integrates directly with cloud visualization and GIS workflows, converting individual VIS-NIR readings into spatial intelligence.

- Visualize variability across entire fields
- Identify management zones instantly
- Support variable-rate application
- Strengthen sustainability and input optimization

Data becomes visible, variability becomes measurable, decisions become immediate.

## Starter Models & Scalable Expansion

SciAps Cloud includes starter calibration models for common agricultural applications, allowing rapid deployment while enabling refinement with proprietary lab datasets over time.

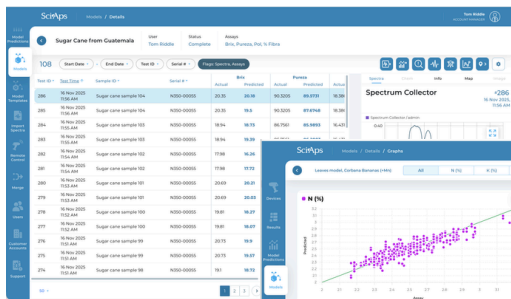
Typical applications include:

- Soil properties and variability
- Crop composition and quality
- Moisture and organic content
- Nutrient-related indicators

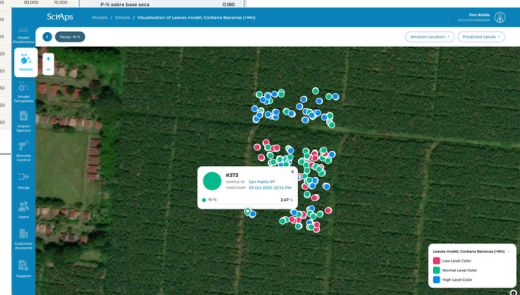
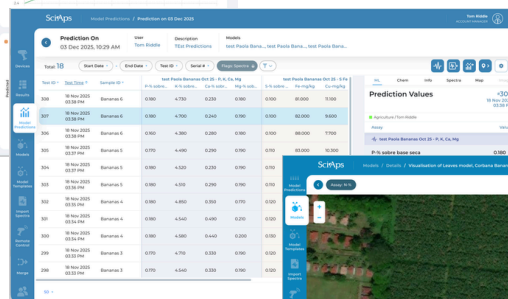
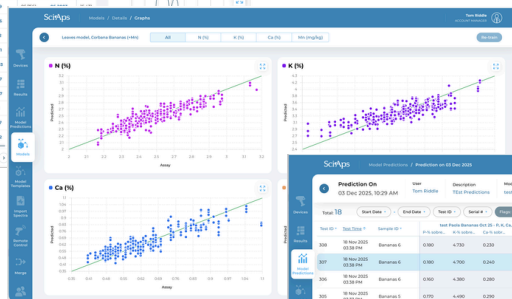
The platform scales seamlessly across crops, geographies, and seasons.

## Beyond Agriculture

SciAps Cloud supports any VIS-NIR workflow, from mining exploration to environmental monitoring and research, without custom software or dedicated modeling teams.



## SciAps: Where Laboratory Precision Meets Field Execution



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