

# ForgeAware-AG

## Local Agricultural AI Decision Visibility and Engineering Observation

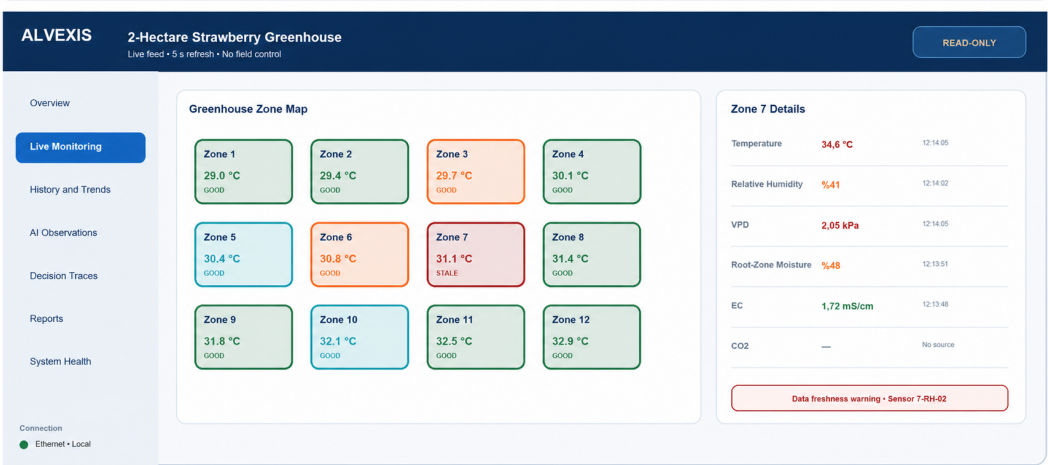
PRODUCT DATASHEET | FA-1 | August 2026 | Rev 1.0

ForgeAware-AG is a local engineering-observation application running on ForgeEdge AI Core. Through a read-only API, it provides traceable views of field telemetry, system health, current and historical measurements, and the rationale and outcomes of AI decisions.

### FORGEAWARE TECHNICAL INTERFACE VIEWS

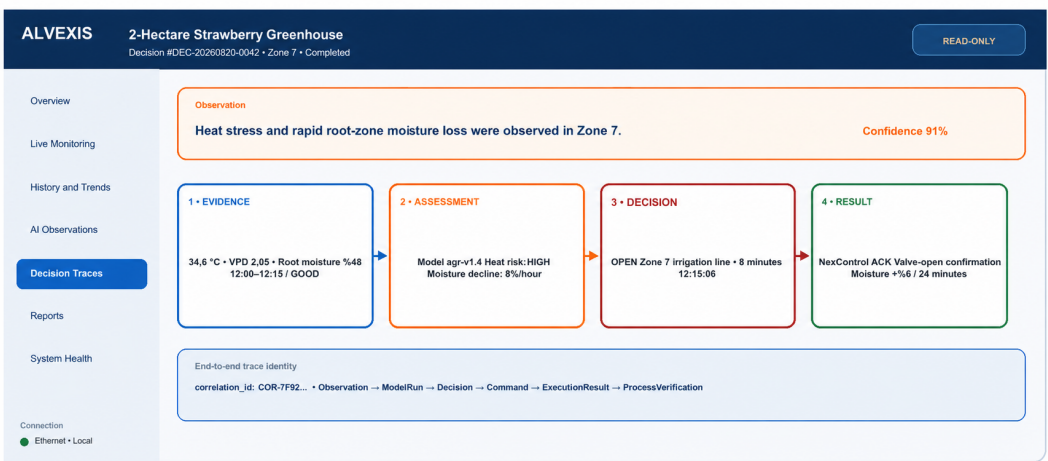
Live Monitoring - Zone Map, Sensors and Data Quality: provides real-time visibility of greenhouse zones, sensor readings and data quality.

Live Monitoring - Zone Map, Sensors and Data Quality



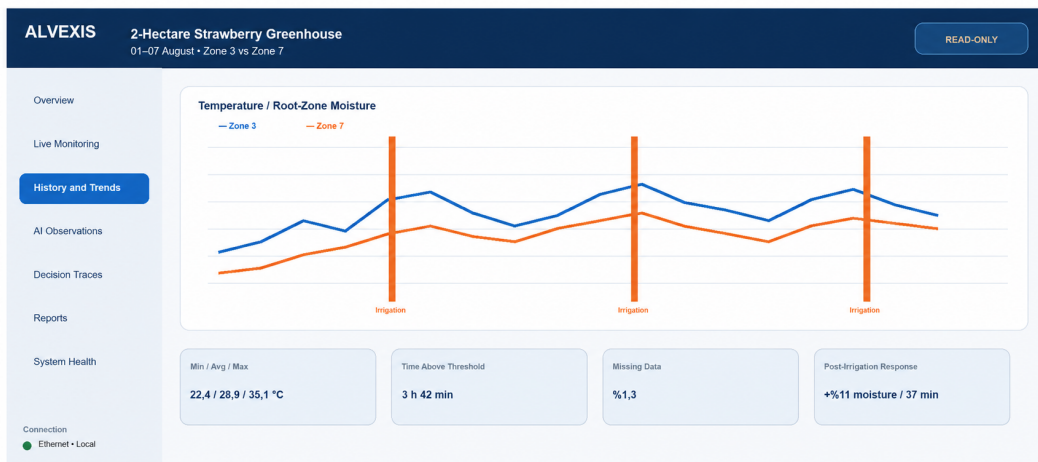
AI Observation and Decision Trace - What, Why, Based on Which Data, and With What Result: provides evidence-based analysis and traceability of decisions.

AI Observation and Decision Trace - 'What, Why, Based on Which Data, and What Result?'



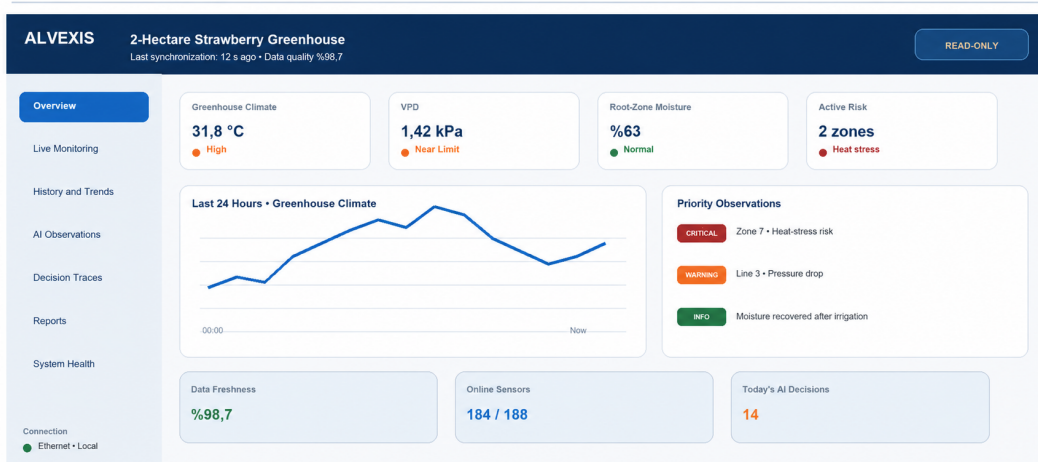
History and Trends - Comparison, Event Overlay and Period Analysis: presents historical trends and event-based comparisons graphically.

#### History and Trends - Comparison, Event Overlay and Period Analysis



Main Dashboard - The Agronomist's First View: summarizes overall system status, critical risks and current AI decisions.

#### Main Dashboard - Agronomist's First View



## CORE APPLICATION CAPABILITIES

Current and historical data views: sensor measurements, event records and associated timestamps are displayed over selectable date ranges; a continuous live view can be enabled when required.

Decision traceability: each decision is linked to its source sensor or sensor group, processed value, model / rule context, confidence information, command and field outcome.

Telemetry and system health: connection status, data latency, last successful data reception, service status, storage usage and component-health indicators are monitored together.

Time-based summaries: daily, weekly, monthly and yearly packages compare trends, threshold events, decision distributions and operating time.

Evidence-focused observation: in addition to understanding what happened, users can see which data supported a decision and when and how it was made.

Local continuity: core data, decision records and application services remain in the local environment; internet or cloud connectivity is not a prerequisite for automation.