AOFS Change Log & Versioning

This page documents all major and minor revisions to the **Afritic Open Farming Standard (AOFS)**, including updates to modules, controllers, sensors, and operational logic. Each entry includes the version number, release date, and a brief summary of changes.

Versioning Scheme

AOFS uses [Semantic Versioning](https://semver.org/) principles:

- **MAJOR** – Significant changes, backward-incompatible updates, or new core features.
- **MINOR** – Backward-compatible additions or improvements to modules or controllers.
- **PATCH** – Bug fixes, clarifications, or minor corrections in documentation or reference implementations.

Example:

- Version `2.3.1` → Major version 2, minor update 3, patch 1.

Change Log

- **v1.0.0 (2026-01-21)** – Initial public release of AOFS.
  - Defined core principles, system architecture, and sensor categories.
  - Published reference implementations for Field Controller Layer.
  - Introduced Hydraulic, Electrical, and Actuation modules.
  - Created Glossary, Terminology, and Scope sections.
- **v1.1.0 (2026-02-10)** – Added optional modules and energy-aware scheduling.
  - Introduced Poultry Farming Module.
  - Added Energy Monitoring and Event Prioritization features to Electrical Module.
  - Updated Sensors Layer with Human Input / External Event Logging.
  - Added Weather Sensors and Optical Monitoring improvements.
- **v1.1.1 (2026-02-18)** – Patch release.
  - Corrected DokuWiki syntax in sensors:start and electrical:start pages.
  - Updated glossary links and added missing references.
  - Fixed minor typos in Scope and Documentation Structure.
- **v1.2.0 (2026-03-05)** – Expanded modular architecture.
  - Added Livestock / Animal Husbandry Module.
  - Updated guidelines for optional Greenhouse / Hydroponics Module.
  - Defined interface for third-party custom modules.
  - Clarified optional solar integration and power-aware operation rules.

Notes

- All AOFS modules, pages, and reference implementations **must include the version number** for traceability.
- Patch releases should be documented even if changes are minor, for auditing and compliance.
- This change log is **extendable** and should be updated whenever new features, corrections, or modules are added.

Recommended Practice

- Each AOFS deployment should **document the AOFS version in use** for all controllers and modules.
- All local changes, extensions, or custom modules should also include a **version note referencing the main AOFS release**.

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