

## Afritic Open Water and Farming Standard (AOWFS)

---

### 1. Foundations

- [Core Principles & Design Philosophy](#)
- [Terminology & Definitions](#)

### 2. System Architecture

- [System Architecture Overview](#)
  - [Field Controller Layer](#)
  - [Farm Controller Layer \(Local / Federated\)](#)
  - [HQ / Federated Controller Layer](#)

### 3. Infrastructure & Control Interfaces

- [Hydraulic & Water Systems](#)
- [Electrical & Power Control Interfaces](#)
- [Valves, Pumps & Actuation](#)

### 4. Measurement, Monitoring & Documentation

- [Sensors & Environmental Monitoring](#)
- [Data Models & Documentation Standards](#)

### 5. Operation & Safety

- [Operational Logic & Decision Hierarchy](#)
- [Safety, Fail-Safe & Bypass Mechanisms](#)

### 6. Reference & Compliance

- [Reference Implementations](#)
- [Certification, Compliance & Auditing](#)

### 7. Training & Professional Certification

- [Training Programs](#)
- [Professional Certification Levels](#)

### 8. Supporting Material

- [Glossary](#)
  - [Change Log & Versioning](#)
- 

[Concepts](#)

[hardware](#)

[software](#)

---

[AOFS Market & Competitive Landscape](#)

From:

<http://wiki.irrigation.afriticgroup.com/> - **Afritic Open Farming Standard**

Permanent link:

<http://wiki.irrigation.afriticgroup.com/doku.php?id=sidebar&rev=1769031379>

Last update: **2026/01/21 21:36**

