Falco SaaS - OPS

Smart OPS | Strong Outcomes

Falco WAC – Weighment Accuracy Calibration

Tamper Proof | Machine Centric | Audit-Ready

Digitize final-stage weighment and pouch quality tests — faster, smarter, and 100% traceable.

What's Broken Today
- ❖ Manual weighment tests done on Excel or paper
- ❖ Requires two people, is time-consuming and error prone
- ❖ Open to manipulation and lacks audit trail
- ❖ No link to pouch quality tests – drop, leak and dimension
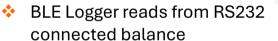
What Falco WAC Can Fix
- ❖ Digitized weighment tests via BLE logger and mobile app
- ❖ Real-time capture from weighing balance – no manual entry
- ❖ Auto computation of accuracy, pass/fail results at edge
- ❖ Logs Pouch attributes, and syncs tests with webapp

Core Modules & Features

Weighment Test Automation
- ❖ BLE Logger reads from RS232 connected balance
- ❖ Trigger test from mobile app
- ❖ Auto-record readings with beep
- ❖ App decides sample size based on product/grammage/speed

Pouch Attribute Testing
- ❖ Log drop, leak, dimension test results on mobile
- ❖ Define pouch tests by pouch type
- ❖ Final combined pass/fail computed instantly

Test Sync with Cloud App
- ❖ Every test is synced with cloud
- ❖ PDF download possible
- ❖ Track machine-wise, order-wise test history
- ❖ Accessible by field service engineers

Market Proof
- ❖ 14000+ Tests done across 1500 machines
- ❖ Adopted by leading packaging machinery manufacturer
- ❖ Strong relevance for food, pharma, dairy, spice industry

Impact Metrics
- ❖ Save 20 minutes per test session
- ❖ Zero manual errors in readings or data entry
- ❖ Full traceability with tamper proof audit logs
- ❖ Standardized Calibration across shifts and plants