AFL BuildSphere

Engineering procurement and construction ERP

Product overview

AFL BuildSphere connects engineering scope, procurement and site execution with project controls and contract billing. Project teams follow materials, contractors, equipment and costs from planning through handover.



Illustrative product view

Who it serves

EPC companies, construction contractors, project owners and site teams delivering engineering and infrastructure projects.

Request a demonstration at info@afl-ai.com | https://afl-ai.com/

Business value and buyer fit

What your business gains

Business priority	Product value
Project visibility	Connect scope, milestones, materials and field progress.
Site cost control	Track commitments, actual costs and budget performance by project.
Contract accountability	Connect subcontractor work and progress with billing and payment records.
Field coordination	Bring equipment, labour, quality and safety records into project operations.

Choosing this product

Choose BuildSphere for construction and EPC delivery with site materials, equipment, subcontractors and progress billing. Choose AFL ServiceAxis for professional services driven primarily by people and billable effort.

A connected working process

Engineer and estimate Structure the work, prepare quantities and establish schedules and budgets.

Source and mobilize Purchase materials, receive stock and deploy equipment and field teams.

Execute and control Track subcontract work, site progress, quality, safety and project costs.

Bill and close Prepare milestone or running-account bills, reconcile advances and complete handover.

Information for decisions

Project leaders can compare commitments, actual costs and earned progress. Procurement teams can follow material availability. Commercial teams can review billing, retentions, advance recovery and project balances.

Product capabilities

Capability	What it covers
Project structure	Multi-tier work breakdown, milestones, Gantt schedules, dependencies and critical-path tracking.
BOQ and estimation	Civil, structural and electrical quantities, material take-offs, estimates and rate analysis.
Procurement	Site requests, RFQs, tender comparisons, long-lead purchase orders and vendor evaluation.
Site inventory	Field warehouses, goods receipts, batch and serial records, inter-site transfers and transit logs.
Subcontractors	Labour and job-work contracts, work orders, material reconciliation and completion verification.
Contract billing	Milestone invoices, running-account bills, retention, mobilization recovery and escalation clauses.
Budgets and earned value	Budget caps, purchase controls, direct costs, project profit and loss, and earned value management.
Equipment and assets	Plant deployment, fuel, hour meters, preventive maintenance and depreciation.
Quality	Material and weld tests, dispatch and site acceptance checks, non-conformance and quarantine.
Site health and safety	Incidents, near misses, toolbox talks, PPE checks, environmental audits and drill schedules.
Field workforce	Shifts, piece-rate wages, attendance, muster rolls and camp records.
Tax and movement records	Configured works-contract tax, GST, TDS and e-Way Bill workflows.

Primary users

Project directors, engineers, planners, procurement, site supervisors, stores, commercial teams, quality, safety and finance.

Deployment and commercial engagement

Implementation and adoption

AFL establishes project structures, BOQs, budgets, material masters, contracts and opening balances. Deployment can proceed by project or site, with procurement and billing controls introduced in phases.

Integrations

Project records connect with purchasing, inventory, assets, workforce and accounting. AFL configures field capture, attendance, tax and document workflows to the project requirements.

Technology and access

AFL develops and delivers a modular EPC platform connecting project, material, workforce and financial records. Web access, APIs and configurable approvals support office and site teams.

Project and role permissions separate engineering, site, commercial and finance access. Identity controls, multi-factor authentication, audit records, backups and controlled deployment support the operating environment.

Commercial options

Commercial component	What the proposal covers
Product access	One-time, monthly or annual arrangements, according to the selected product and agreement.
Implementation	Application setup, configuration, data migration, onboarding and training.
Custom development	Additional workflows, reports, integrations and agreed enhancements.
Support	Maintenance, patching, backup responsibilities and upgrades within the selected service plan.
Infrastructure	AFL-managed hosting, infrastructure, connectivity and integration requirements defined in the proposal.

Product scope, deployment options, integration requirements, service levels and pricing are defined in the customer proposal. Regulatory workflows support the agreed configuration and applicable operating requirements.

Discuss your requirements

Request a product demonstration and a scoped proposal for your organization.

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