

Operations Command Center

Dubai ERP — Dashboard Features & Capabilities Report

100 Projects · 17 Data Modules · February 2026

What is this? We built a fully automated operational dashboard inside Google Sheets that gives real-time visibility into our entire Dubai project portfolio. Instead of manually checking multiple spreadsheets and cross-referencing data, this dashboard **automatically pulls data from all 17 project data modules**, performs calculations, and presents the results as KPIs, charts, and tables — with color-coded alerts so you can instantly spot issues. When you select a specific project or filter by type/status, **every number on the dashboard updates automatically** to show you exactly what's happening in that subset of the portfolio.



Smart Filtering System 4 FEATURES

Why this matters: Instead of building separate reports for each project or category, the filters let anyone instantly slice the entire dashboard by project, type, or status — saving hours of manual report generation.

FEATURE	WHAT IT DOES
1 Project Filter	Select any specific project from a dropdown — all KPIs, charts, and tables instantly show only that project's data
2 Type Filter	Filter by project type (High-Rise, Villa, Infrastructure, Mixed-Use) to compare performance across categories
3 Status Filter	Filter by status (In Progress, Delayed, Completed, On Hold) to focus on projects at a specific stage
4 One-Click Reset	Checkbox that instantly clears all filters back to portfolio-wide view and refreshes the dashboard

Live KPI Cards 12 METRICS

Why this matters: These 12 numbers give you an instant portfolio health snapshot. They change color automatically — green means healthy, yellow is a warning, red needs action. No need to dig through data — the dashboard tells you where to look.

Portfolio Health — Are we on track overall?

KPI	WHAT IT TELLS YOU	DATA FROM
5 Active Projects	How many projects are currently in progress right now	Projects
6 Delayed Projects	How many projects have fallen behind schedule — these need immediate attention	Projects
7 Total Contract Value	The combined financial size of the filtered portfolio in AED millions	Contracts
8 Portfolio Completion	Overall progress weighted by project size — larger projects carry more weight to give an accurate picture	Projects

Financial Health — Are we spending within budget?

KPI	WHAT IT TELLS YOU	DATA FROM
9 Budget Overrun %	How much actual spending exceeds the planned budget — turns red above 10%	Work Packages
10 Pending Payments	Total value of payment applications submitted but not yet certified — represents cash flow pressure on contractors	Payments
11 Approved VOs	Total value of approved scope changes — shows how much project scope has grown beyond original contracts	Variation Orders
12 Cost Performance Index	Efficiency of spending — 1.0 means on budget, below 0.8 means serious overrun. Red = cost crisis	Payments Contracts

Operations Intelligence — What risks need attention?

KPI	WHAT IT TELLS YOU	DATA FROM
13 Open Safety Incidents	Unresolved safety cases across the portfolio — red above 10 means HSE backlog is growing	Safety
14 Inspection Pass Rate	What percentage of quality inspections pass — low rates mean rework costs and delays	Inspections
15 Expiring Permits	How many permits need renewal in the next 30 days — expired permits can trigger stop-work orders	Permits
16 Rented Equip. Cost/Day	Daily rental expenditure — helps evaluate whether renting or owning equipment is more cost-effective	Equipment

Analytical Charts

23 VISUALIZATIONS

Why this matters: Charts turn raw numbers into patterns you can see at a glance. Each chart answers a specific operational question — from "which project types cost the most?" to "are we over-relying on rented equipment?"

Project Overview — How does the portfolio look?

#	CHART	WHAT QUESTION IT ANSWERS
17	Project Status Distribution	What proportion of projects are active vs completed vs delayed?
18	Project Completion Progress	Which 15 projects are closest to finishing? Are any stalled?
19	Cost per SQM	Which projects cost the most per square meter? Identifies expensive builds for benchmarking
20	Client Portfolio Value	Which clients represent our largest contracts? Helps prioritize client relationships

Contractor & Workforce — Who are we working with?

#	CHART	WHAT QUESTION IT ANSWERS
21	Contractor Rating by Specialty	Which contractor specialties perform best? Guides future procurement decisions
22	Top 10 Contractors	Which contractors have the most contracts? Identifies over-reliance on specific firms
23	Manpower Trend	How is workforce size changing month-to-month? Spots staffing gaps or over-deployment
24	Supplier Categories	What types of suppliers are in our network? Shows supply chain diversity

Budget & Payments — Where is the money going?

#	CHART	WHAT QUESTION IT ANSWERS
25	Budget by Phase	Which construction phases consume the most budget? (Foundation, Structure, Finishes, etc.)
26	Budget vs Actual by Type	Are certain project types consistently going over budget?
27	PO Monthly Spend	Is procurement spending consistent or spiky? Helps forecast cash needs
28	Payment Status Pipeline	How many payments are pending vs certified vs paid? Shows cash flow bottlenecks

Equipment & Assets — Are we using resources efficiently?

#	CHART	WHAT QUESTION IT ANSWERS
29	Fleet Ownership Split	What's the rented vs owned ratio? Are we paying too much in rentals?

30	Daily Rate Comparison	How do rental costs compare to ownership costs by equipment type?
31	Equipment Utilization	What percentage of equipment is actually being used? Idle equipment = wasted money
32	Document Status	How many project documents are approved vs pending vs rejected?

Risk & Compliance — What could go wrong?

#	CHART	WHAT QUESTION IT ANSWERS
33	VO Status Distribution	How many variation orders are approved vs still pending decision?
34	VO Risk by Type	Which project types have the highest average scope changes?
35	Incidents by Severity	How serious are our safety incidents? What's the High vs Low split?
36	Inspection Pass Rate by Type	Which project types have the worst quality? Where do we need better QA/QC?
37	Planned vs Actual Duration	Are certain project types consistently taking longer than planned?
38	CPI by Project Type	Which project types are the most cost-efficient? Which ones bleed money?
39	Safety by Project Type	Which project types have the most safety incidents? Helps focus HSE resources

Operational Data Tables

15 PANELS

Why this matters: While KPIs show summaries and charts show trends, these tables show the actual details — project names, specific numbers, exact dates. Each table uses automatic color-coded badges so you can scan rows quickly and focus on the ones that need attention.

Schedule & Progress

#	TABLE	WHAT YOU CAN SEE	COLOR ALERTS
40	New & Recent Projects	Projects started in the last 90 days — tracks how quickly new projects ramp up	New Maturing Aging
41	Phase Progress Tracker	Which construction phases are behind schedule? Shows exact days overdue	CRITICAL BEHIND

Contractor Intelligence

#	TABLE	WHAT YOU CAN SEE	COLOR ALERTS
42	Contractor Recommendations	Ranks contractors using a composite score (contract history + rating + specialty) — helps choose the best firms for future work	A B C D

Financial Control

#	TABLE	WHAT YOU CAN SEE	COLOR ALERTS
43	Budget Health Monitor	Each project's planned vs actual cost — instantly see which ones are over budget and by how much	UNDER WARNING OVER
44	Cash Flow Tracking	Follows money from gross claim → retention deducted → net certified per project	Paid Certified Submitted
45	Retention Money Tracker	Shows how much retention is being held per project and when it's eligible for release	Released Active Held

Equipment & Procurement

#	TABLE	WHAT YOU CAN SEE	COLOR ALERTS
46	Equipment Rental Alerts	Lists rented equipment sorted by daily cost — flags expensive items to evaluate whether buying is cheaper	HIGH MEDIUM LOW
47	PO Pipeline	Pending purchase orders sorted by value — shows what's been ordered but not yet delivered	Overdue Pending

Risk Management

#	TABLE	WHAT YOU CAN SEE	COLOR ALERTS
48	VO Impact Tracker	Variation orders ranked by financial impact — shows which scope changes carry the biggest cost	CRITICAL HIGH NORMAL

49	LAD Risk Calculator	Calculates liquidated damages exposure per contract: daily penalty × days behind = total financial risk	CRITICAL HIGH LOW
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HSE & Compliance

#	TABLE	WHAT YOU CAN SEE	COLOR ALERTS
50	Safety Incidents	Most recent safety incidents with severity level and whether they're resolved or still open	Severity-based coloring
51	Inspection Defects	Failed quality inspections — shows what failed and what corrective action is needed	Failed Conditional
52	Permits Expiry Tracker	All permits sorted by urgency — expired ones at top, then those expiring soon	EXPIRED <30d OK
53	Document Status	Project documents that are pending approval or rejected — shows the submission backlog	Rejected Pending

Executive Summary

#	TABLE	WHAT YOU CAN SEE	COLOR ALERTS
54	Decision Matrix	One-row-per-project-type summary combining count, completion %, CPI, VO rate, pass rate, and overall risk — the ultimate management overview	HIGH MEDIUM LOW

Why this matters: The dashboard doesn't use any manually entered data. Everything is computed automatically from the 17 data sheets that are already being maintained as part of normal project operations. When those sheets are updated, the dashboard reflects the changes.

MODULE	WHAT DATA WE USE
Projects	Status, type, completion %, contract value, GFA, start/end dates, client
Contracts	FIDIC type, contract value, LAD rates, retention %, completion dates
Contractors	Company name, specialty, performance rating, prequalification
Work Packages	Planned cost vs actual cost per package — used for budget overrun analysis
Payment Applications	Gross amount, certified amount, deductions, approval status
Variation Orders	VO value, approval status, impact on original contract
Safety Incidents	Severity, resolution status, incident type, lost-time days
Inspections	Pass/fail result, inspection type, defect count, corrective actions
Permits & Approvals	Permit type, expiry date, issuing authority, renewal status
Equipment	Equipment type, rented vs owned, daily rate, utilization status
Project Phases	Phase name, planned vs actual dates, budget allocation
Purchase Orders	Supplier, order value, delivery status
Project Documents	Document type, submission and approval status
Clients	Client name, type, total portfolio value
Daily Site Reports	Manpower counts (direct + subcontractor), weather, work progress
Suppliers	Category, company name, materials/services supplied
Employees	Department, designation, visa status

Key Highlights

- Fully Automated** — One-click deployment. No manual data entry. All values are computed from existing project data.
- Filter-Reactive** — Every KPI, chart, and table responds to filter changes in real-time. Select a project and the entire dashboard updates.
- Color-Coded Alerts** — Red/yellow/green thresholds on all metrics and tables. You can scan the dashboard and immediately know where to focus.
- Cross-Module Analysis** — Tables join data from multiple sheets (e.g., LAD calculator combines contracts + projects + payment data) to provide insights that aren't visible in any single spreadsheet.

