

SCP

Scaffold Contract Planner

Advanced Performance

Every scaffold contract. Every phase. Fully costed.

v1.0

Machine-Bound Licensing

KCE — Kraus Consulting & Engineering — Keypointprojects

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What is SCP?

SCP is a professional desktop application for managing scaffold contracts on construction sites. Each scaffold order is tracked through five mandatory phases — Delivery, Erection, In Use, Dismantling and Return — on a live, colour-coded Gantt timeline. Hire costs are calculated automatically from quantity (m³ or tonnes), daily rate and in-use duration. Complete PDF reports — Gantt, Order Sheets, Scaffold Register and Cost Summary — are generated in seconds, ready for contractor handover or client reporting.

Visual Gantt timeline

Scaffold Order management

5-Phase flow

Cost engine




Quantity in m³ or tonnes per order

Multiple currencies supported per order

Key Features

- ✓ Visual Gantt timeline — zoomable, colour-coded phases
- ✓ 5-Phase flow — Delivery → Erection → In Use → Dismantling...
- ✓ Quantity in m³ or tonnes per order
- ✓ Paid-by tracking — allocate costs to responsible party
- ✓ Expand/Collapse orders — focus on what matters
- ✓ Project logo branding on every PDF export
- ✓ Export: A3/A4 Gantt PDF — print-ready scaffold schedule
- ✓ Export: Scaffold Register — full project summary table
- ✓ Scaffold Order management — tag, supplier, location
- ✓ Cost engine — Qty x Rate/day x In-Use-Days auto-calculated
- ✓ Multiple currencies supported per order
- ✓ Cascade phases — end-date changes ripple automatically
- ✓ Undo / Redo — full edit history
- ✓ Machine-bound licensing — key-based activation
- ✓ Export: Individual Order Sheets — one per scaffold contract
- ✓ Export: Cost Summary — totals per order and project

Phase Colour Coding | 5 Fixed Phases per Scaffold Order

 Delivery	Scaffold material delivered to site
 Erection	Scaffold erected on site by the contractor
 In Use	Scaffold on hire — occupied by trades
 Dismantling	Scaffold taken down by the contractor
 Return	Scaffold material removed from site

PDF Export Outputs

Output	Filename Pattern	Contents
Gantt PDF	<project>_GANTT_<stamp>.pdf	Full Gantt bar chart, all scaffold orders and phases, A3 landscape
Order Sheet	<project>_ORDER_<tag>_<stamp>.pdf	Individual scaffold order: supplier, dates, quantity, rates, cost
Scaffold Register	<project>_REGISTER_<stamp>.pdf	All orders in one table — tag, supplier, dates, total cost
Cost Summary	<project>_COST_<stamp>.pdf	Cost per order plus grand total, grouped by currency

Licensing Model

SCP uses a machine-bound activation system. Each licensed installation is tied to a single computer. The software will not run on an unlicensed machine.

Step	Action	Detail
Step 1	Customer installs & launches	Activation dialog displays unique REQUEST CODE (Machine ID)
Step 2	Customer sends Request Code to MK	Email or WhatsApp: m.kraus@keypointprojects.co.za
Step 3	MK runs the KeyGen script	Script produces the matching Activation Key instantly
Step 4	MK returns Activation Key	Key entered once and saved locally. Never asked again.

Key format: SC[RC8][NONCE8][SIG6] — machine-bound HMAC-SHA256 signature

System Requirements

Requirement	Specification
Operating System	Windows 10 / Windows 11 (64-bit)
Python	3.10 or later (when running from source)
Screen	1280 x 720 minimum 1920 x 1080 recommended
RAM	4 GB minimum 8 GB recommended
Disk Space	250 MB for installation additional for project files
Network	Not required (fully offline application)

Contact & Support

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