

OFFER C · BESPOKE

Integration Engineering Support

Robot-side engineering, embedded in your project

Senior robot-side engineering inside your integration project — without adding headcount.

A bespoke engagement for integrators and manufacturers mid-project. VX Machina is a specialist engineering contractor for the robot-side scope, not the overall integrator. It usually starts with a Robot Cell Review or a scoping workshop.

WHO IT'S FOR

- Integrators who need robot-engineering capacity for a defined period
- Manufacturers implementing or modifying a robot cell with a principal integrator in place
- Project teams protecting critical robot-side milestones

SCOPE MODULES

Each contract names the modules included.

- 01 · Engineering review and documentation — layouts, specifications, sequences, robot interfaces
- 02 · Simulation and offline programming — ABB RobotStudio, KUKA.Sim, Robotmaster
- 03 · Robot programming and robot-line I/O — KUKA KRL, ABB RAPID (robot side only; no PLC / HMI)
- 04 · Safety-concept support — risk-assessment input, guarding, scanners, interlocks, safety zones; support to the party responsible for conformity, never sign-off
- 05 · Site commissioning support — defined site days for robot-side touch-up, cycle-time analysis and operator handover, under your site safety arrangements
- 06 · Technical handover — as-built programs, change log, operator notes

HOW IT RUNS

1. Start with a Robot Cell Review or a scoping workshop
2. Responsibility matrix: you or your integrator remain contractor of record — overall design, PLC / HMI, procurement, machinery conformity and the CE / UKCA declaration
3. Proposal only once drawings, interfaces, schedule, site constraints and capacity are clear
4. Agreed before signature: signed SoW, milestones, acceptance criteria and review deadlines; change control and additional-work rates; RC Pro (professional liability) insurance covering on-site work; site safety induction / prevention plan; travel; software, IP and licence terms; dates blocked

TYPICAL PROJECT VALUE

€20,000 – €40,000+

PROVISIONAL, VAT STATUS PENDING

Typical project value, provisional, VAT status pending; quoted after technical scoping. Deposit ≥ 30% on signature, then milestones or monthly against days delivered, per the SoW. Travel and accommodation at cost or an agreed site-day rate.

WHY VX MACHINA

- ~15 years in robotics and motion control — industrial robot cells and film motion control.
- Hands-on industrial installation, robot programming and commissioning, plus operator and engineer training on handed-over cells.

David's film motion-control credits are personal credits, listed on the homepage; they are not VX Machina client contracts.

NOT INCLUDED UNLESS ADDED IN WRITING

- Turnkey line delivery or overall integrator / machine-manufacturer responsibility
- PLC / HMI, vision, electrical panel design, procurement or fabrication
- Safety sign-off or CE / UKCA marking responsibility
- Guaranteed production throughput
- Fault-finding or repair of drives, power supplies or controller hardware
- Open-ended on-site presence or post-handover support

Anything outside the modules above needs explicit contractual scope, qualified resources and appropriate insurance.

NEXT STEP

Share drawings, interfaces, schedule and site constraints → scoping call → bespoke proposal.