

Michael DG Crocker

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Professional Experience

International Engineering Project Manager

Teddington Electronics | Jul 2021 – Present

At Teddington Engineering, I was brought in to strengthen the Engineering department and ensure consistent project delivery, quality and invoicing. I introduced structured processes and procedures that improved raised design quality and cash flow, while re-engaging with key clients to rebuild confidence and secure over £5 million in new projects. I onboarded and managed 3rd-party contractors to cover specialised design sectors, ensuring capability across all project areas. I aligned engineering and production teams, driving greater efficiency, collaboration, and delivery performance. Reporting directly to the CEO.

Lead the Engineering teams.

Manage multiple programme deliverables.

Client management meetings

Manage all programme financials, Estimating, quotation and invoicing

Manage programme governance, project progress reporting, design reviews, change request, and test matrix generation.

Managed local and offshore engineering offices, daily stand-ups and critical path reviews.

Product integration and client product testing and integration.

Oversee Verification and Validation of the final product.

Commercial Test & Delivery Manager

Ecosystem Ltd | Jan 2021 – Jun 2021

An innovative eCommerce platform integrates with in-store WiFi pick-up points to deliver targeted product sales messages directly to shoppers' devices. By analysing real-time shopper behaviour and preferences, the system tailor's promotions to encourage additional purchases, enhancing the in-store experience. This location-based marketing approach connects nearby stores with potential customers, driving foot traffic and increasing sales opportunities. Reported to CEO

Defined project scope and Definition. Test tools and processors.

Implement product QA and acceptance test.

Drive client test approvals and acceptance levels.

Implemented project governance.

Client feedback meetings

Managing Director (Property Projects)

MC Metrix | Jan 2019 – Dec 2021

Purchased and completely renovated and fitted out two properties in for the rental market, managing the entire process through a hybrid working approach. Coordinated seamlessly with contractors on site, suppliers, quality inspections and partners, ensuring high-quality finishes, full fitouts, and efficient delivery while operating remotely.

Directed project tasks and sign off's and financial controls for a property portfolio.

Tracked and supported capital and labour expenditure and infrastructure upgrade programmes.

Oversaw site audits, compliance reporting, and project tracking.
Approved all certification for new building plans, gas, electrical and water systems.

Innovation & Compliance Platform Manager

Rightmove Ltd | *Aug 2018 – Dec 2018*

Managed the end-to-end delivery of a Zero Deposit onboarding programme for new renters, coordinating all stakeholders including financial institutions, insurance providers, credit-check partners, and the web integration team for Rightmove. Oversaw and approved FCA compliance across third-party contractors and platforms, ensuring regulatory readiness prior to launch. Directed contract reviews, deliverable scheduling, and platform testing protocols, while driving beta testing, issue resolution, and user experience validation. Successfully managed cross-team integration, release freeze processes, and stakeholder alignment to deliver a fully compliant and user-ready system.

Managed 3rd party contractors onboarding into the programme.
Approved all 3rd party and Rightmove FCA compliance readiness.
Approved all contracts and deliverables and deliverable times schedules.
Approved platform testing protocols before launch.
Delivered beta test protocols and issue resolution reporting.
Coordinated user experience testing and release freeze with cross-team integration.

CTO – (Consultant)

Red's Technology Ltd | *Jan 2017 – Dec 2017*

Headhunted to stabilise a telecoms company at risk of losing multiple projects with Huawei, MTN and Vodacom. Reported to CEO. Led strategic restructuring, realigned the business as a certified network contractor, and directed delivery of Tier 1 operator projects across wireless (GSM towers) and fibre (FTTH, FTTC via subcontractors).

- Restructured operations, rebuilt client confidence, and secured project continuity with Tier 1 operators.
- Directed rollout, QA, approvals, and invoicing for wireless (GSM towers) and fibre (FTTH, FTTC via subcontractors).
- Introduced 3-GIS fibre design and deployment, improving planning, as-built accuracy, and client reporting.
- Oversaw engineer certification, safety compliance, and multi-site GSM/fibre testing.
- Defined operating procedures, QA documentation, and live site approvals via Kanban to ensure timely client acceptance. **HOD of PMO**

Trysome Auto Electrical Ltd | *Jul 2015 – Dec 2017*

Headhunted to rescue multi-million-pound projects for De Beers Diamond Mining, AngloGold, and other major clients, implementing the world's first autonomous mine vehicle safety system (SafeMine). Restructured the Project Management Office, introducing governance frameworks and robust processes to restore project delivery, ensure compliance, and drive operational excellence. Reported to CEO

- Built and led "Safe Mine" engineering division.
- Delivered real-time RF/GSM safety warning systems for vehicle tracking in large open cast mines across Africa.
- Installed test benches and remote diagnostics systems for fleet-level deployment.
- Deployed and integrated fatigued monitor systems to the Safe Mine system.

- Managed compliance with mining safety legislation across four countries. Ensured all mine safety certificates and health checks were compliant regarding the team, vehicles and installation onsite methodology.

Senior Project Manager – Microsoft Dynamics Deployment

Resolve Immix | *Jan 2015 – Jun 2015*

Requested to start on the same day as the interview to rescue a critical insurance project, providing immediate support in the design and implementation of a Microsoft Dynamics CRM/ERP system. Steered the project back on track by streamlining requirements, aligning stakeholders, and ensuring timely, effective delivery.

Rescued at-risk CRM/ERP implementation via rigorous project recovery strategy.

Implemented project governance throughout the project.

Renegotiated new timelines and optimised deliverables.

Took control of the outstanding deliverables and preceded with invoicing.

Delivered end-user test manuals, sign-off training sheets, and updated project plans and resources.

Project & Product Manager – Secure IoT Fleet Tracking

Altech Netstar | *2013 – 2015*

Managed RF- and GSM-secured fleet control systems across African and international fleets.

Ran test cycles for embedded firmware, GSM transmission, and satellite signal redundancy.

Led team producing bespoke embedded solutions for BMW, Range Rover, and Avis.

Conducted all product company onboarding and integration testing. Reported to National Technical Director

Country Programme Manager – Telecom Infrastructure & Renewable Energy

Huawei, MTN, Vodacom, Cell C | *2010 – 2013*

Oversaw complete tower deployment, solar and hybrid power systems with tamper detection.

Developed site commissioning test sheets and power verification protocols.

Ensured delivery of RAN micro-sites with full RF commissioning and final acceptance tests.

Other Experience

Country Manager – Mobile Deployment

Delivered 68 turnkey sites in Sub-Saharan Africa.

Completed all documentation and health tests for all team member working across boards.

Directed and completed site surveys, proposals, Quotes, tower builds, site power, and full commissioning stages.

Directed all supply chain and warehousing operations to and from country of manufacture to site delivery.

Attended in country executive meetings to discuss project plans, challenges and invoicing with client. Reported to the National Program Director

BPB Gypsum (Saint-Gobain) Ad hoc (Consultant to client)

BPB Gypsum requested the development and registration of four Academies and Centres of Engineering Excellence, designed to influence training at universities, colleges, architects, and system developers. These facilities showcased BPB Gypsum's products and expertise, providing training and support as part of a broader marketing strategy. Aligned with government training programmes, the initiative expanded the brand's reach from grassroots education to senior industry professionals, strengthening market presence and long-term adoption. Reported to CTO

- Designed, built and managed 4 accredited academy centres for the installations of ceiling and drywall around South Africa.
 - Directed and registered engineering office of excellence.
 - Created high-performance systems tested for 2hr/4hr fire rated endurance with approvals.
 - Designed a 4hr fire rated ceiling system used internationally with approvals.
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Education & Certifications

PRINCE2 Certified – Project Management | 2010

Agile Certified – Agile Project Management | 2028

BSc (Hon) – Project & Strategic Management | 1995, University of South Africa

Beng (Hon) – Electronic & Radar Engineering | 1989, University of Technology Johannesburg

Technical Proficiencies

Defence Embedded Systems: STM32, ARM Cortex, ADC/DAC, CANbus, RS485,

Software Development: C, C++, Python, Assembly, Bootloaders, RTOS

Test & Verification: EMC, RF Interference, MIL-STD-461, MIL-STD-810G, HALT/HASS

Project Tools: Jira, Confluence, MS Project, Git, SolidWorks, Coral Draw

Cloud & Comms: MQTT, Modbus, BLE, WiFi, 4G/LTE, secure RF telemetry

Documentation: Project Plans, Test Plans, Risk Plans, Rollout strategy

Telecommunications: Green field tower builds, Site Surveys

Languages

- English – Native
- Afrikaans – Fluent