

DCL | SECURITY DESIGN

INDEPENDENT SECURITY SYSTEMS DESIGN,
SPECIFICATION & PROJECT OVERSIGHT

ABOUT DCL

DCL Security Design is the technical arm of Liebenberg & Associates, an independent security consultancy established in 2009.

DCL provides specialist technical services across the security systems lifecycle, from defining technical requirements and developing system designs through to specification, tender management, project oversight and final assurance.

Our role is client-side. We do not supply or install security equipment, and we have no commercial interest in the appointment of a particular manufacturer, supplier or installer.

This allows us to focus on the client's requirements and provide independent technical direction throughout the design and delivery process.



WHAT WE DO

SECURITY SYSTEMS DESIGN - We translate security requirements into practical technical solutions designed for the client's operating environment. Our design process considers system architecture, functionality, integration, operational requirements and future needs. The result is a defined technical solution that can be properly specified, procured and implemented.

TECHNICAL SPECIFICATION - A sound design needs to be supported by a clear and objective specification. We develop technical specifications that define the required functionality and performance of the system without unnecessarily tying the client to a particular product or manufacturer. This provides a clear basis for competitive tendering and technical evaluation.

TENDER MANAGEMENT - We manage the technical aspects of the tender process from the preparation of tender documentation through to the evaluation of submissions. Proposals are assessed against defined requirements, allowing technical compliance, suitability and commercial considerations to be considered separately.

PROJECT OVERSIGHT - DCL provides client-side oversight during implementation to maintain alignment between the approved design and the system being delivered. We coordinate with the relevant parties, monitor implementation, assess proposed changes and provide technical input where required.

FINAL ASSURANCE - The completion of an installation does not necessarily mean that the required system has been delivered. We provide final technical assurance through testing, review and verification against the approved requirements and design, supporting an orderly handover to the client.

OUR APPROACH

Security systems should be designed around requirements, not products.

We begin by understanding what the client needs the system to achieve and the environment in which it will operate. Those requirements form the basis for the system architecture and technical design.

Technology is then considered against the defined requirements.

This approach provides a logical separation between the client's needs, the design of the solution, the procurement decision and its implementation.

It also allows technology to be assessed on its suitability for the application rather than on its association with a particular supplier or manufacturer.

TECHNOLOGY INFORMED. INDEPENDENT BY DESIGN.

Independence from suppliers does not mean independence from technology. DCL maintains an active understanding of developments in security technology through industry engagement, manufacturer and technology briefings, technical research, professional networks, industry events and direct interaction with technology providers.

Our team includes local and international systems engineers and designers, bringing experience across different technologies, applications and operating environments. This knowledge informs our design work without creating an obligation to specify any particular manufacturer, product or technology platform. The objective is not to specify the newest technology. It is to identify the technology that best meets the client's requirements, now and over the intended life of the system.

INDEPENDENCE IN PRACTICE

Because DCL neither supplies nor installs equipment, its design decisions are independent of product sales and installation interests.

Specifications are developed to support genuine competition. Tender proposals are evaluated against defined requirements. Project decisions and variations are assessed against the approved design and contractual requirements.

This creates a clear separation between:

REQUIREMENTS
What the client needs the system to achieve.

DESIGN
How those requirements are translated into a technical solution.

PROCUREMENT
Which proposed solution and supplier best meet the defined requirements.

IMPLEMENTATION
How the approved solution is delivered.

ASSURANCE
Whether the completed system meets the requirements for which it was designed.

WHO WE WORK WITH

DCL supports clients across a range of operating environments, including:

- Residential estates and complexes
- Corporate and commercial facilities
- Industrial and logistics operations
- Healthcare and educational campuses
- Property developments
- Property and facilities management organisations

Our work extends across Southern Africa.

EXPERIENCE

83 PROJECTS | 6 COUNTRIES | 14 TEAM MEMBERS

Our experience combines specialist security systems design with practical understanding of the environments in which those systems need to operate.

PART OF LIEBENBERG & ASSOCIATES

DCL forms part of Liebenberg & Associates, providing a dedicated technical capability within the broader consultancy.

L&A provides services including security strategy, risk assessment, master planning, audits, training and incident analysis. DCL focuses specifically on the technical design and controlled delivery of security systems.

Where a project requires both strategic security expertise and specialist systems capability, the two practices can work together while maintaining their respective areas of responsibility.

OUR PEOPLE

DCL's work is supported by professionals with experience in security systems engineering, design and project management.

The practice combines local expertise with access to international systems engineering and design knowledge, allowing technical decisions to be informed by a broad understanding of technologies, applications and operating environments.

Our people remain focused on the same objective throughout a project: providing the client with a technically appropriate solution and maintaining its integrity through delivery.

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