MACADO TECHNOLOGIES

COMPANY PROFILE 2024

THE NAME

In deciding the name **M a c a d o**, the history and life of King Makhado of Vhavenda from the Soutpansberg area in the 1800's was considered.

He was a glorious leader and conqueror that fought for a better future.

King Makhado had the nickname of "Bull of the North" and the praise name "Tshilwavhusiku tsha Ramabulana" (the night fighter)

OUR VISION

To be the most sought after and bespoke professional security company in the region with a reputation for reducing criminality and other adverse security incidents and for generally making clients and their patrons feel safe and secure, whilst always striving to go the extra mile, while driving your security costs down.

OUR MISSION

Is to protect the life and property of the clients we serve in a manner consistent with the highest ideals within our industry and to take advantage of those scientific advancements which will help us succeed in that endeavor. We dedicate ourselves to providing unsurpassed, personalized, quality services. Whether your security concerns are residential or commercial ... large or small ... we provide customized solutions to suit your needs.

DIALY GOALS

- Create an environment of teamwork through trust, commitment, collaboration, perspective, direction and cooperation.

- Help minimize criminal activities and protect clients and their belongings

  - Client service excellence

    - Respect

  - Providing turnkey solutions

    - Professional service

    - Precision planning

  - Excellent after sale service

    - Ongoing training

  - Best Intervention Specialists

    - Best Back-up & Support

    - Fight Back Solutions

  - Professional Management

    - Client satisfaction

OVERVIEW

The MACADO GROUP was founded in 2011. Macado has become Africa's foremost Videofied agent. We specialise in complete video monitoring intrusion systems, to verify that the alarm is an actual crime-in-progress and not a costly, false alarm. A sophisticated motion sensor combined with a night vision camera and illuminators, the MotionViewer™, detects and captures the intrusion on video. Monitoring personnel immediately receive a 10 second video clip of the actual intrusion incident and can intervene with Fight Back solutions to discourage criminal activity.

This is the future of security; remote monitoring and remote, interactive Fight Back Management®™. Fight Back Management®™ becomes a powerful tool to **successfully discourage and deter criminal activity.** It is a remotely deployed, pro-active, interactive measure to ensure a prompt and effective risk mitigation solution. *Macado's specialists research, design and develop our own Fight Back Management®™ solutions.*

Our solutions are deployed to **reduce our client's reliance on manned guarding and armed reaction, whilst driving costs down.** It is now possible to implement Remote Off-Site Video Intrusion Verification & Monitoring successfully in a surprisingly cost effective manner. Furthermore, it is now cheaper to rather rent the solution than to opt for conventional manned guarding. Macado is proud to offer Fight Back technology, the most logical next step in addition to armed reaction & manned guarding in further ensuring the security of your assets, employees and clients.

Reduce your Health & Safety risks, particularly if you're in remote and isolated areas where guards are unarmed and vulnerable to be overpowered by criminals.

Get ideal solutions from us for process control and process monitoring used in the factory and plant automation industry.

Our target markets are the commercial, industrial and residential sectors. All Macado systems, procedures and products are fully aligned with internationally recognized standards.

OVERVIEW (continued)

MEMBERSHIP, REGISTRATIONS, CERTIFICATION

Macado is registered with the Private Security Industry Regulatory Authority (PSIRA).
Certified Videofied installer

FOOTPRINT

Macado operates nationally and internationally

LEADERSHIP & EXECUTIVE TEAM

Macado maintains a flat management structure geared towards effective lines of communication.
Management operates on three levels:
The Board;
The Executive Committee; and
Operational Management

EXECUTIVE TEAM:
Managing Director: Thys le Grange - MBA, MD, NHDip Elec Ing (l.c.), NDip Elec Ing (l.c.)
Technical Director: Hannes Mostert – A+ Support Engineer
Logistics: Danie Hattingh - MBA Logistics, NBMD,
Operations Director: Roy Rawlins – MBA, Mcom, Honours, BA Degree
Director / CFO: Morné Neethling – BCOMPT
Jointly, the management team offers international security management experience gained in Africa, Europe, USA and the Middle East.

CORPORATE GOVERNANCE

Macado's corporate governance policies are based on the principals of:
Impeccable business ethics
Well-structured corporate governance with a scope for empowerment and accountability at the lowest level
Adherence to industry and prevailing statutory and regulatory requirement
Acknowledgement of our social responsibility towards where we conduct business

COMPETITIVE ADVANTAGE - BCP

It's crucial for you to work with a partner who not only has the expertise to understand security threats, but also the resources to counter them.

You are looking for a security solution provider who will offer advanced technology and leading-edge consultancy, but who can also appreciate the need to maintain all its own business practices, delivering a solution which minimizes disruption, placing your business function at the heart of its operations and planning.

Complex security solutions can sometimes lead to complex change processes. It is unacceptable for any business to suffer simply because you are implementing an enhancement.

Only an organisation with the necessary depth of resources and infrastructure can fulfil these requirements.

Our experience and commitment means that you will not experience a loss of services. MACADO understands that continuation of your service is one of the most important elements of your selection process, and has the capability to deliver by means of a structured continuity plan.

As Warren Buffett, the American investor and philanthropist said: "It takes 20 years to build a reputation and five minutes to ruin it. If you think about that, you'll do things differently".

Rigorous Business Continuity Planning, preparing for every eventuality in an uncertain world, to ensure business operations continue with minimum disruption

It is not whether there will be crises; it is when and how we will deal with them that matters. If they are not managed properly the repercussions for any organisation could be disastrous.

MACADO HAS IMPLEMENTED THE FOLLOWING BUSINESS CONTINUITY PLAN TO ENSURE WE RENDER SERVICES TO OUR CUSTOMERS AT ALL TIMES:

No geographical boundaries: Macado renders services internationally. Our Control Room is Internet of Things & Real Time Device to Cloud Solutions and not subject to any geographical restrictions or building infrastructures. It's all about the reliability and quality of service. We can log into our servers from any location in the world and continue to render monitoring services should disaster stuck our facility.

Reliable communication infrastructure: Secure, robust and reliable communication for distributed IT infrastructure. We have unmatched reliability ensuring your safety. Our Control Centre is supplied with 7 x fully redundant high bandwidth data lines in case they fail, inter alia: 3 x dedicated fiber optic lines, 1 x dedicated microwave link, 2 x LTE wireless routers and 1 x satellite link ensuring your signal always reach us. All communication is via a secure APN ensuring the highest signal priority offered by South African network service providers (virus free & 100% secure firewalls). We make use of a 2-layered PABX with multiple hunting lines to ensure quick and effective communication with reaction forces and clients.

We use anti-noise cancelling technology, similar to that used in airplanes and helicopters, ensuring crystal clear communication between operators and clients at all times with no background noise that might impair communication under stress situations. In addition we deploy satellite phones as a last resort, should all else fails.

Best computer hardware & software: We make use of High Availability Virtualization with the best blade servers hosted locally. Automatic failover procedures have been implemented to give both customers and our operators peace of mind.

Comply with the highest international standards: Our ergonomically designed Control Centre ensures reliability when receiving our clients' alarm signals, operator effectiveness in a stress-free environment. Save lives.

PRODUCTS AND SERVICES

We recommend the best brands of equipment to specific client needs and integrate systems to provide innovative and customized solutions. We offer value added services to ensure customized and effective completion and maintenance of our projects.

Core competencies include:

Off-Site Video Verification & Intrusion Monitoring
Electronic Security Guard Rentals
Fight Back Management®™

ES-Guard

Electronic Guarding Service entails remote guarding of premises from a 24/7 control room. By placing MotionViewers at strategic points along the parameter lines, these devices detect movement, and a 10 second video clip is sent to the 24/7 control room for verification. The intervention specialist or control room operator then follows the instructions of the client and phone i.e., client key holder, armed response, SAPS, etc. Alternative Fight Back ™ products are also available and can implemented, such as audio challenge, pepper gas, fog, high power siren, sentry gun, thunder flash, etc. This usually deters the intruder.

Video verification technology

The video verification technology has been designed to eradicate the stress and cost of false alarms.
Each motion sensor takes a 10 second video clip that is sent to our control room and verified by our intervention specialists, before remotely activating the siren/alarm. This completely eliminates ALL false alarms because we can see the cause of the trigger. The sensors have been designed to pick up even the slightest movements, so no intruder can even attempt to outsmart the MotionViewer. Our alarm technology will never inconvenience you again. We will only wake you under real, verified threat circumstances.
MotionViewers are strategically placed on the perimeter of your property to provide an early detection and thus effective alarm system.
Fight Back solutions are then triggered/activated by the control room to warn/deter intruders.

What is Fight Back Management®™?

Audio Challenge

A series of personalised audio challenge & warning messages are delivered to site through on site speakers from the control room to discourage criminal activity.

D-Fence Power Shower

A unique concept in remotely activating outdoor and perimeter security. Police and security personnel worldwide use water to disperse crowds, confirming the effectiveness of the Power Shower concept.
When an alarm is triggered and received in the control centre, the skilled intervention specialist will through application of discretion elimination decide whether to activate the Power Shower as the deterrent of choice for that particular situation. Water is automatically mixed with e.g. colourant, foul-smelling agents or liquid pepper concentrate. The Power Shower can be attached to a solid base, dug directly into the soil, or attached to solid walls or posts.

Striker Gas Emitting System

The remotely activated Pepper Spray system is a powerful intrusion deterrent system. Pepper Gas is discharged in multiple short bursts allowing for long-term protection – it only discharges when intruders are in the room. When the alarm is triggered and received in the control centre, the operator will through application of discretion elimination decide whether to activate the Pepper Spray system as the deterrent of choice for that particular situation.

PRODUCTS AND SERVICES

UR Fog Smoke Screen

Smoke billows out from seemingly nowhere. Once again, when an alarm is triggered and received in the control centre, the operator decides whether to activate the Smoke Screen system as the deterrent of choice for that particular situation.

There is no smell or residue and it is entirely safe around computers and people. Glycol fluid is pumped over a heated aluminium block which is fully controlled and that control circuitry interfaces with the alarm system and connects to a smoke density monitor to ensure that a certain smoke density is maintained. If somebody tries to get away before the alarm is being reset, this device instructs the system, via the interface, to keep blowing smoke.

Stun Bomb

The Stun Bomb cracker is remotely detonated. Once again, when an alarm is triggered and received in the control centre, the intervention specialist decides whether to activate the Stun Bomb system as the deterrent of choice for that particular situation.

Mamba Automated Gun (Sentry Gun)

The automatic pepper ball gun is activated to shoot intruders when an alarm is triggered and received in the control centre.

South African companies are moving towards such solutions because they offer significant cost and productivity benefits. It becomes simple and affordable, for example, a control room in Johannesburg can monitor video feeds from Sandton, Durban, Pretoria and Cape Town.

The value-added benefit of centralised, off-site monitoring with Fight Back Management®™ technology includes savings on armed reaction and manned guarding and you don't waste time responding to false alarms - which accounts for over 90% of alarms.

APPS

Macado Security notification app

Mac App is our newest notification app that gives you full insight into the status of your alarm system. Get push notifications of alarms, arming and disarming, low battery, power failures signals and more.

The app is available from either Google Play Store or Apple iStore, alternatively you can contact our technical department or send an email to technical4@macado.co.za.
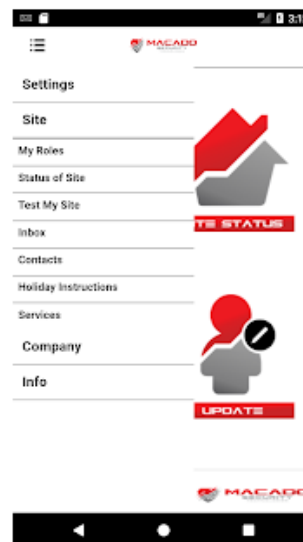
Macado Security

Oryx Systems CC   Tools

E Everyone

ⓘ This app is available for your device

🔖 Add to wishlist   **Install**

APPS (CONTINUED)

Videofied App

The Videofied smart phone app enables you to arm and disarm your security system remotely. In self-monitoring mode, you also receive alerts on your smartphone live if there is an intrusion (via notification, e-mail, voice call and SMS).

The app is available from either Google Play Store as "Videofied Remote" or Apple iStore as "Remote for Videofied" alternatively you can contact our technical department or send an email to technical4@macado.co.za
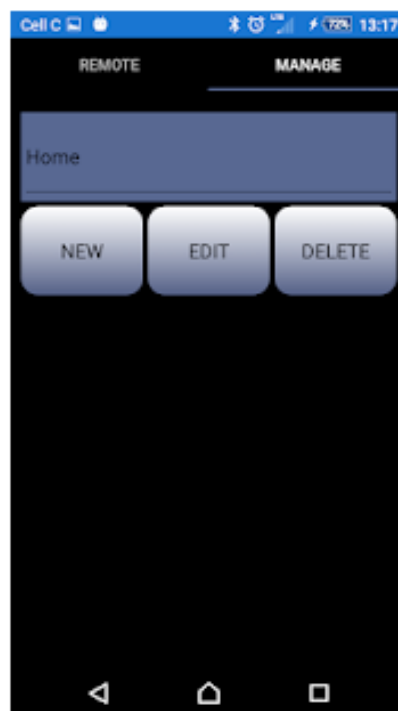

Remote for Videofied

Mattafix   Tools

3+

ⓘ This app is available for your device
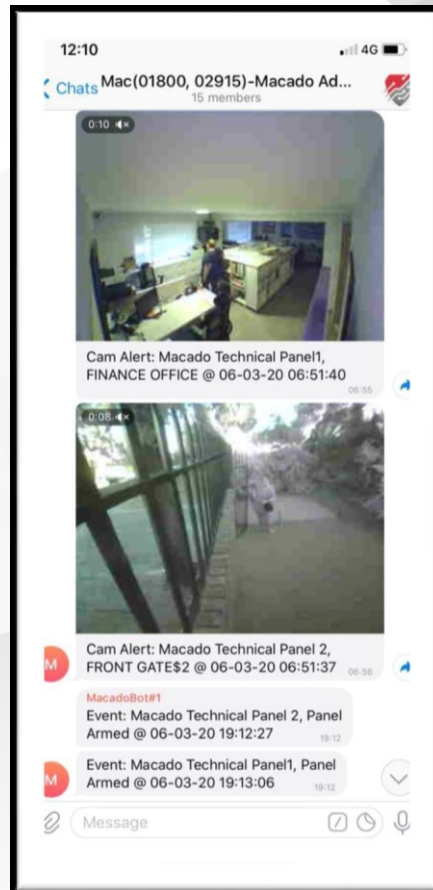
🔖 Add to Wishlist

APPS (CONTINUED)

Telegram App

The Telegram instant messaging app enables you to receive / display alerts in real time, receive all videos that have been uploaded by the control room. Receive notifications of arm / disarm, panic, technical faults (low batteries, power failure and restoral). You will have the ability to have private conversations with keyholders.

The app is available from either Google Play Store as "Telegram messenger" or Apple iStore as "Telegram messenger" alternatively you can contact our technical department or send an email to technical4@macado.co.za
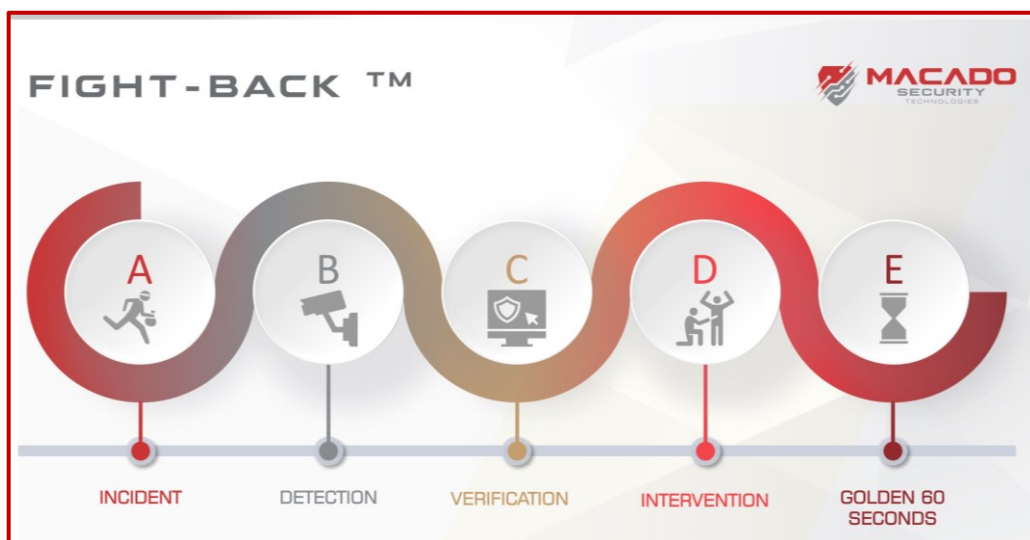
FEATURES OF REMOTE OFF-SITE MONITORING & FIGHT BACK MANAGEMENT®™:

- Increased security
- Real time accessibility to the site
- Off-site video recordings of all movements
- Incidents can be tracked and traced
- Emergency response coordination
- Early warning threat detection and prevention
- Incident analysis
- Verification of alarms

By allowing management to access remote sites on alarm, video verification becomes a proactive response tool instead of a post event investigative tool such as CCTV.

BENEFITS OF REMOTE OFF–SITE MONITORING & FIGHT BACK MANAGEMENT®™:

- Discouraging intrusion and prevention of incidents
- A reduction in costs through reduction in operational security expenditure
- Collusion factor eliminated
- Increased security
- Preventative asset protection
- On-Site attendance, as in the case of false alarms, is not required.
- Site management capability
- Access to your site via network connectivity from any destination
- Automatic off-site video recordings of movement
- No risk of evidence being tampered with or being removed.
- Incidents can be tracked and traced

WHY CHOOSE MACADO ?

The key to our success.....

We believe that you will benefit from choosing MACADO as we invest the time and effort to ensure that we:

- Fully understand your security threats and vulnerabilities
- Provide the appropriate level of security response through a combination of manned security, changes to process, technology and/or patrols to mitigate your risks
- Provide a solution tailored to client's individual requirements
- Provide a competitive price
- Use a robust management system and highly motivated management
- Use high-quality recruitment and vetting processes
- Implement excellent training and security practices, developing service excellence
- Provide excellent contract support with experienced and smooth implementation
- Provide on time delivery, to agreed standards
- Provide a reliable, secure and extremely robust service, maximising clients security
- Create clear, accurate and timely management reports
- Are receptive and responsive to innovative ideas

Because we can see, we can provide a more detailed site situation report to reaction and guarding which in turn enables them to be more effective in responding to the situation.
We are proactive and not reactive. We want to prevent the incident from happening. We cannot prevent them from trying, but we can prevent them from succeeding.
Intruders are either **deterred and they run away, or they are arrested.**

FINANCIAL OFFERINGS

MACADO provides clients with the unique option to either secure our product offering through outright purchase with an optional Service Level Agreement (SLA) or a Rental Agreement. Both these options include the full scope of our product offering. Clients will have the full benefit of all our services, tailor made to suit your financial objectives.

OUTRIGHT PURCHASE OPTION:

The outright purchase with an SLA option offers the benefit of a full security solution. This solution will result in ownership of the system after design and installation has been completed. The added benefit to this option is that MACADO will ensure optimum functioning of the system for the duration of the Service Level Agreement.

RENTAL OPTION:

All electronic technology has a limited lifespan, and security technology is no different. There are constant upgrades and a need to keep pace with advancements in system performance. Macado's Rental offerings include our platinum service level and ensures the solution are well maintained and properly functioning for the lifespan of the technology. It is cheaper to rent the solution from Macado than to opt for conventional manned guarding.

CONTACT US

📞 Give us a call at
+27(0) 87-808-8888 / +27 (0) 087-095-0685

✉ E-mail us at
info@macado.co.za

📍 Come visit us at
658 Jacqueline Drive, Garsfontein, Pretoria

FOLLOW AND LIKE US

🌐 www.macado.co.za

f @macadotechnologies

▶ Macado Security Technologies

P macadosecuritytechnologies

📷 Macadosecuritytechnologies

🐦 @MacadoVideofied