



Providing Total Solutions

KTG ENGINEERING (Pty) Ltd

Company Registration
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KTG Engineering (Pty) Ltd

Company Portfolio

Who are we?

KTG Engineering (Pty) Ltd is an ICT based company, which **Provides Total Solution** for the Building Solutions Market, especially Integrated Systems, working projects in and out of RSA.

What have we done?

KTG Engineering substantial works history (including sub-contract work):

1. Inkosi Albert Luthuli Central Hospital - Cato Manor, Kwa Zulu Natal.
 - Fire Detection, Gas Suppression, Access Control and Automation
2. Cato Manor Clinic - Cato Manor, Kwa Zulu Natal.
 - Fire Detection, Voice Evacuation, CCTV, Access Control and Security
3. Taylor Bequest Hospital - Matatiele, Kwa Zulu Natal.
 - Fire Detection
4. Embassy Building - Durban, Kwa Zulu Natal.
 - Fire Detection, Access Control
5. Golden Horse Casino - Pietermaritzburg Kwa Zulu Natal
 - Fire Detection
6. BHP Billiton Bayside Smelter - Casthouse - Richards Bay , Kwa Zulu Natal.
 - Fire Detection
7. Natalia Building (D.O.H) - Pietermaritzburg Kwa Zulu Natal.
 - Fire Detection and Voice evacuation



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|-------------------------------------------------------------------------------------------------------------|--------------------|-----------------|
| 8. Spornet CTC | - Durban, | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Fire Detection and Voice evacuation | | |
| 9. Hirt and Carter | - Durban, | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Fire Detection, Access Control and Automation | | |
| 10. Pavillion Shopping Mall | - Westville, | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Fire Detection, Access Control | | |
| 11. Rainbow Farms – Production Plant | - Hammersdale | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Fire Detection, CCTV, Access Control and Security | | |
| 12. Pietermaritzburg High Court | - Pietermaritzburg | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Fire Detection, Access Control and Security | | |
| 13. Mediterranean Shipping Company | - Durban | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Access Control and Security | | |
| 14. Mediterranean Shipping Company | - Sandton | Gauteng |
| <ul style="list-style-type: none"> • Access Control and Security | | |
| 15. Seaward Estates | - Ballito | Kwa Zulu Natal |
| <ul style="list-style-type: none"> • Access Control and Automation | | |
| 16. New Mary Theresa Hospital | - Mount Frere, | Eastern Cape. |
| <ul style="list-style-type: none"> • Nurse Call System | | |
| 17. ICC Durban Arena | - Durban | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Access Control | | |
| 18. Shell House – Ethekeweni Municipality | - Durban | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Fire Detection | | |
| 19. Ethekeweni Electricity – Ethekeweni Municipality | - Durban | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Access control | | |
| 20. St. Lucy’s Hospital | - Tsolo | Eastern Cape |
| <ul style="list-style-type: none"> • Fire detection, Nurse call system and Public address | | |
| 21. Illovo Sugar | - Durban, | Kwa Zulu Natal. |
| <ul style="list-style-type: none"> • Fire Detection, Access Control and Automation | | |
| 22. Ampath Laboratory | - Centurion, | Gauteng. |
| <ul style="list-style-type: none"> • Fire Detection, Access Control and Building Management. | | |
| 23. Axiz | - Midrand, | Gauteng. |
| <ul style="list-style-type: none"> • Fire Detection, Access Control and Building Management. | | |



24. Gautrain - Sandton, Gauteng.
- Access control commissioning.
25. Pretoria North Magistrate's Court - Pretoria North, Gauteng.
- Fire detection and voice evacuation controls relocation.
26. Sanral Head Office - Pretoria, Gauteng
- Access Control, IP Video Surveillance, E-tag integration
27. Sanral Northern Region -Pretoria, Gauteng
- Access Control, IP Video Surveillance, Fire Detection, E-tag integration
28. Levy Junction -Lusaka, Zambia
- Access Control Programming & Commissioning
29. Hilton Hotel -Durban, Kwa Zulu Natal
- Building Management System, Energy Management System
30. Pinetown Magistrates Court -Pinetown, Kwa Zulu Natal
- Access Control, Video Surveillance
31. Pietermaritzburg Magistrates Court -Pietermaritzburg, Kwa Zulu Natal
- Access Control, Video Surveillance
32. Izingolweni Magistrates Court -Izingolweni, Kwa Zulu Natal
- Access Control, Video Surveillance
33. Schneider Electric Head Office Demo Area -Midrand, Gauteng
- Access Control, Building Management System, Video Surveillance
34. Schneider Electric Warehouse -Boksburg, Gauteng
- Access Control, Video Surveillance



Our Vision:

To present opportunities so we:

1. Can empower the powerless, through equipping, training and effective skills transfer.
2. Are able to uplift the educational and economic standing of the people through environmental upgrading.
3. Can be catalysts to re-dress the imbalances and injustices which human prejudice has caused to so many of our people, restoring dignity, respect and value for human life.

Our mission:

We aim to meet the requirements of The Industry needs using the latest, proven and accepted technologies, methods and products.

Our primary vision is to offer the highest level of Service and Quality as Total Solutions Partners in: Electronic Security and Asset Management, Fire Detection and Protection, Building Management, Video Surveillance, Automation and Integration of these and other Systems.

Modus operandi:

1. We engage in transparent and fair business practices, with trust, honesty, integrity and reliability being our core values, resulting in valuable partnerships between client and service provider being established.
2. Only feasible and profitable business transactions are entered into, as we aim to penetrate the discerning and appreciative niche in the market place.
3. **We do it right the first time, no double standards and half measures are used.**
4. We do not believe the most expensive is always best, and neither does being ***“penny wise and pound foolish”*** suffice.



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Our History

- KTG Engineering (Pty) Ltd was converted in 2012 from KTG Engineering cc.
- KTG Engineering cc was created in 2007, as part of the vision of Analogue Digital System Projects' **(ADS Projects)** "franchise expansion program".
 - Analogue Digital System Projects started trading in July 2001, under sole proprietor Kevin Govender.
 - Since 2008, Analogue focused on strategic system designs and business development and as such is a lead product and technology advisor to KTG Engineering.
- To maintain brand recognition, KTG Engineering also traded as "ADS Projects", separate from Analogue Digital System Projects, as a means to satisfy FASA requirements for franchising.
- Subsequently, due to some requirement by SARS, the "**Trading as**" had to be dropped off and KTG Engineering now trades as its registered name, KTG Engineering (Pty) Ltd.

Our Strengths

We are one of the few Buildings Integration/Automation companies nationally, which offers and carries out a variety of services and systems *in-house*, which include:

Design, Supply, Installation, and Maintenance of Electronic security and management systems for the commercial and industrial building industry, including hospitals, clinics, hospitality, etc.

This is what positions us uniquely in the market and giving us the edge we require to be "The Market Leader" in "**Providing Total Solutions**".

Our current focus is to grow the brand with national representation as an independent Service Provider and Principal Contractor.

We have a great deal of administration and organizational mechanisms to track and maintain production and effective sales.



We have all the relevant equipment, tooling and personnel resources to take on any project, large or small, local or cross border.

Composition

Our core team comprises highly skilled individuals in various disciplines and interests. We now operate with a collective experience of over 80 years in industry.

This has ensured our steady penetration of the market and firm establishment as preferred service providers and recommended installers of various high end products in many high profile commercial and government/parastatal sites.

Operation bases:

1. Head Office – Durban, KwaZulu Natal.
2. Regional depot - Samrand, Gauteng.
3. Projects – as and when - South Africa, Mozambique, Zambia

Our staff complement is currently as follows:

- | | |
|------------------------------------------|-----|
| 1. Management | - 2 |
| 2. Administration | - 2 |
| 3. Senior Technical | - 3 |
| 4. Junior Technical | - 2 |
| 5. Installations | - 8 |
| 6. Contract staff (as and when required) | - 0 |

Our core composition is as follows:

1. **Operations and General Manager** - **M. K.T. Govender (Kenny) (Sole Shareholder)**

Kenny is the shareholder of KTG Engineering. He is a trade tested Fitter and Turner, and has been in that industry for 37 years.



He has managed projects to the value of millions of Rands, on national and international projects (previous employment included).

In his last place of employment, he worked for 24 and half years, earning the employer millions of Rands in income from specialist work he carried out.

Since joining ADS Projects (Sole Prop.) in 2004, he has grown the Operational Division and the business substantially, especially by shifting our focus on being the Main Contractor/Service Provider as opposed to a “sub-contractor”.

He gained substantial knowledge and experience with the various projects as the Operations Manager and at time Site & Project Manager at ADS Projects from refurbishing fire hydrant lines, a 50 ton low pressure CO2 system, high pressure CO2 and 200 bar inert gas suppression systems fire and smoke barrier upgrades through to integrated fire detection and voice evacuation systems and access control systems through to video surveillance systems.

He introduced operational structures and procedures that have optimized production output and profitability has substantially increased.

His business sense and leadership has seen make more profit in shorter periods of time, and with lesser effort.

It was a seamless transition in starting KTG Engineering and taking it from strength to strength with various high level projects.

His passion for empowerment and advancement of people has seen KTG Engineering now embark on an ‘Employee Empowerment Program’ that sees us empower suitable candidates to start and run their own business as initially an agent and then a “Franchisee” once the respective requirements are met.

2. Technical, Training and Business Development (outsourced to) - Mr. Kevin Govender.

Kevin has attained an S2 in Electrical Engineering (Heavy Current) from the then Natal Technikon.



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He has been working with these types of electronic systems since 1995 on a part time basis and full time since 1999. He is presently completing his National Diploma via Unisa, as well as the Level 3 Diploma of the Institution of Fire Engineers and serves as a member on the (2014/2015) D&GS TRAINING SUB COMMITTEE for fire training.

Kevin has worked on various types of installations as an installer, site supervisor and eventually through to becoming Project Manager on a few high profile sites for other contracting companies.

His primary role (alongside business development) is to ensure both staff and customers are suitably trained and fluent on the various systems.

3. Senior solutions architect (outsourced to) - Mr. Keegan Govender,

Keegan has attained various product certifications as well as an A+ certification and is one of the senior technicians whose responsibility includes that of a Solutions Architect, Senior Technician, Project Manager, Senior Support.

He has been involved in this field since 2001, and has been on various large and high profile sites. His lead role is heading the operations in Gauteng and surrounding areas.

4. Office Administrator - Ms. Sheerin Govender,

Sheerin heads up the KZN office administration team.

She has been with KTG Engineering since its inception and has grown and contributed to the various systems employed in the Company.

Her department facilitates the various interactions between us and our:

- Clients, and
- Suppliers



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5. Office Administration – Support Services (outsourced to) - Mrs. Rajaspari Govender (Jesse),

Jesse holds a National Diploma in Business Administration and is an outsourced service provider that provides Support Services to KTG's Administration team.

She has many years of administration and front of office experience both with national and international responsibilities.

6. Team Leaders

- **Mr. Brian Mbuso Ngongo – (Employee Empowerment Candidate)**

Brian has climbed the ranks of our organization also as an Assistant to a successful installer and is also a Team Leader.

- **Mr. December T. Cheze – (Employee Empowerment Candidate)**

December has been through a technical course in electrical reticulation and is one of our most experienced installers in reticulation.

- **Ms. Phmuzile Addelaide – (Employee Empowerment Candidate)**

Phumuzile has attained various N qualifications and is presently on the company's program of entrepreneurship development.

Operations Area

KTG Engineering procured a workshop, training and storage space situated in Durban, KwaZulu Natal. It is soon to be the KZN Demonstration and Customer Experience center of KTG Engineering.

In the past few years, we have worked in Mozambique and Zambia on integration work.

The major investment is in high quality, high performance installation equipment, scaffolding and ladders, test and measurement and so forth. We also have a small manufacturing aspect of the company for the custom items required.



B.E.E. Status

KTG Engineering is 100% affirmable black owned and managed.

Strengths:

1. Highly skilled artisans and workmen.
2. Proficient technical staff.
3. Strategic trade and technology alliances and partnerships.
4. All types and sizes of work are approached with equal drive and determination.
5. Workshop facilities for basic repairs and testing facilities and a training centre.
6. Off site monitoring capabilities for the electronic systems.

Expertise:

KTG Engineering has undertaken many projects, large and small in terms of project duration and value.

Most of these undertakings required of us to provide the following:

- *Conceptual design and planning,*
- *Contract and Project Management,*
- *Reticulation,*
- *Installation,*
- *Commissioning and*
- *Service Level Agreements.*

System and Solutions Summary:

1. Automation (Buildings and Homes).
2. Access Control and Time and Attendance Systems.
3. Building Management, and
4. Energy Management Systems.



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5. Electronic Article Surveillance.
6. Fire Detection and Protection.
7. Intercom Systems.
8. Nurse Call Systems/Emergency Patient Alert Systems.
9. Public Address and Voice Evacuation Systems.
10. Security Systems.
11. Video Surveillance (Closed Circuit and IP Video)
12. VSAT Systems.
13. Data cabling and IP Connectivity

Accreditations (Certified training and or letter of acknowledgement):

- | | |
|---------------------------|----------------------------------------------------------------|
| ○ UTC | - Aritech Fire Systems |
| ○ UTC | - Ziton ZP3 Fire System |
| ○ UTC | - Edwards EST 3 Fire System and Voice Evacuation |
| ○ Schneider Electric | - TAC I/Net Access and Security Systems |
| ○ Schneider Electric | - TAC VISTA Access, Security and Building Management |
| ○ Schneider Electric | - Andover Continuum Access and Building Management |
| ○ Schneider Electric | - Pelco Security |
| ○ Schneider Electric | - Integral DVR |
| ○ Schneider Electric | - Clipsal C-Bus automation |
| ○ TOA SA | - Voice Evacuation and Public Address Systems |
| ○ Micro Nursecall Systems | - Micro Sound Nurse Call Systems |
| ○ Impro | - Access Control System |
| ○ Fire Systems Training | - Understanding of CO ₂ and Clean Agent Gas Systems |
| ○ Red G | - Ansul Inergen product training |
| ○ Bosch Security | - Titanus aspiration detection system |
| ○ Bosch Security | - Fire system training |
| ○ Xtralis | - VESDA Aspiration detection system |
| ○ SAQCC | - Fire Detection |
| ○ SAQCC | - Gas Suppression |
| ○ FDIA | - Fire Detection Installers Association |

