



Rosslyn Electric Manufacturers Pty Ltd was established to form part of Rosslyn Enclosures CC and Transformco Electric Pty Ltd. We serve as a bridge between our own technology and the Rosslyn group's manufacturing capabilities.



**Metering &
distribution
kiosks**



**Transformer
and mini-
substations**



**Access
Control /
Electronics**



**Steel
Fabrication**



Installations

About us

Rosslyn Electric Manufacturers Pty Ltd was established to form part of Rosslyn Enclosures CC and Transformco Electric Pty Ltd. We serve as a bridge between our own technology and the Rosslyn group's manufacturing capabilities.

Rosslyn Electric brings together one of the largest manufacturing companies in South Africa together with new technologies to provide a complete solution for both the private and government market. We are now a one stop shop for anything electrical whether its installing, manufacturing or monitoring of all electrical equipment for the African market.

We believe that the Rosslyn group can assist the current South African market in providing a solution that is beneficial to both the public and their corresponding municipalities. We guarantee an increase in revenue collection and a decrease in the theft of electricity or vandalism to infrastructure. Rosslyn also believes that by expanding our horizons, we can provide a cost-effective system that translates to the needs of the municipalities and property developers.



Metering & Distribution Kiosks

We can produce any and all types of electrical Kiosks to spec and the kiosks are fitted with our newly designed Slam lock. We can manufacture both ground and pole-mounted kiosks and provide you with retrofitting of old kiosks with our locking mechanism.

Our metering Kiosks are fitted with electronics so that you can keep track of your assets in the field, and we pride ourselves in our building quality. All Kiosks come with a 1-year guarantee.



Transformers & Mini Substations

DISTRIBUTION TRANSFORMERS:

Rosslyn design, supply, manufacture, refurbish and repair all distribution transformers including step-up, step-down systems and neutral earthing compensators(NEC). Rosslyn carries a large range of new and refurbished transformers up to 33kv. All our products carry a 1 year guarantee.

MINI-SUBS & SWITCHGEAR:

Rosslyn supplies, manufacture, repairs, refurbish and upgrades miniature sub-stations up to 800kva and associated switchgear (RMU) ring main units. Rosslyn carries a stock of basic mini sub-stations and various makes of ring main units.



Oil Regeneration

Rosslyn has a modern oil regeneration and degasifier plant. Oil is regenerated to SABS 555 standards.

After regeneration, the properties of the oil is the same as new oil, although a small risk of minor PCB pollution is fairly usual in regenerated oil. Regenerated oil is frequently used when transformer or switchgear oil requires replacement.

We also have a mobile unit for in-field operation and regeneration of your transformer oil.



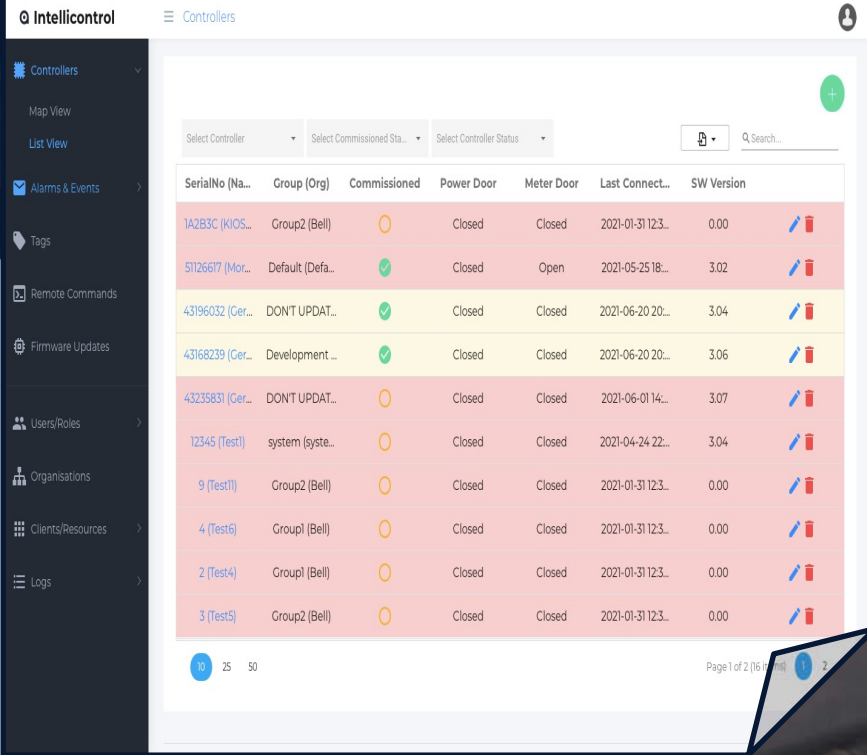
Access Control Electronics

Our aim is to solve a problem that is persistent and ongoing in South Africa, that has caused most municipalities to run at a loss and is crucial to the service providers. This issue is the loss of revenue due to illegal connections and damage or loss to electrical enclosures/ assets.

The screenshot displays the Intellicontrol web application interface. The top navigation bar shows 'Intellicontrol' and 'Controllers / 51026677 (Morre)'. A dark sidebar on the left contains a menu with items: Controllers, Alarms & Events, Tags, Remote Commands, Firmware Updates, Users/Roles, Organisations, Clients/Resources, and Logs. The main content area is divided into two columns. The left column lists controller details: Controller Id (51026677), Organisation (Default), Group (Default), GSM Signal Strength (-65 dBm), Current Software Version (3.02), Assigned Software Version (None), Latitude (-26.72508), Longitude (27.9771), Commission Status (Commissioned), and Last Connected (2021-05-25 18:26:54 GMT+02:00). The right column lists status indicators: Mains (Off), Tamper Vibrations (Alert), Temperature (23), Battery (23), Meter Door (Closed), Power Door (Open), Trace Wire (On), Red Phase (Off), Blue Phase (Off), and White Phase (Off). Below these columns is a 'Location' section featuring a Google Map with a red pin and labels for 'DATH PARK', 'North-West University Vaal Triangle Campus', 'Viljoensdorp', and 'Leflabo Power Station - Eskom'. The bottom right corner of the map area includes the text 'Keyboard shortcuts Map Data ©2021 AHGHS (Pty) Ltd Terms of Use'.

Access Control Electronics

- ▶ Access control and monitoring or fitting of controllers to electrical kiosks, mini-subts or any asset in the field ensures a system that can be updated from the control room.
- ▶ This means granting access, assigning RFID tags, loading of electronic devices, monitoring of enclosures and updating of the system should be done remotely from a control room.



The screenshot displays the Intellicontrol web application interface. On the left is a dark sidebar with navigation links: Controllers, Map View, List View, Alarms & Events, Tags, Remote Commands, Firmware Updates, Users/Roles, Organisations, Clients/Resources, and Logs. The main content area is titled 'Controllers' and features a table of controller data. Above the table are filters for 'Select Controller', 'Select Commissioned Sta...', and 'Select Controller Status', along with a search bar. The table has columns for SerialNo (Name), Group (Org), Commissioned status, Power Door, Meter Door, Last Connect..., and SW Version. Each row includes edit and delete icons. The bottom of the interface shows pagination: 'Page 1 of 2 (16 items)' and a table view selector.

SerialNo (Na...	Group (Org)	Commissioned	Power Door	Meter Door	Last Connect...	SW Version
1A2B3C (KIOS...	Group2 (Bell)		Closed	Closed	2021-01-31 12:3...	0.00
51126617 (Mor...	Default (Defa...		Closed	Open	2021-05-25 18:...	3.02
43196032 (Cer...	DONT UPDAT...		Closed	Closed	2021-06-20 20:...	3.04
43168239 (Cer...	Development ...		Closed	Closed	2021-06-20 20:...	3.06
43235831 (Cer...	DONT UPDAT...		Closed	Closed	2021-06-01 14:...	3.07
12345 (Test1)	system (syste...		Closed	Closed	2021-04-24 22:...	3.04
9 (Test1)	Group2 (Bell)		Closed	Closed	2021-01-31 12:3...	0.00
4 (Test6)	Group1 (Bell)		Closed	Closed	2021-01-31 12:3...	0.00
2 (Test4)	Group1 (Bell)		Closed	Closed	2021-01-31 12:3...	0.00
3 (Test5)	Group2 (Bell)		Closed	Closed	2021-01-31 12:3...	0.00

Steel Fabrication

Our fabrication shop consist of:

AMADA VIPROS 255 turret punch for light to medium duty fabrication up to 2mm

AMADA AE2510NT turret punch for medium to heavy duty fabrication up to 2mm

AMADA HDS 8025NT bending machine with an 8 ton capacity

AMADA HD2204NT bending machine boasting a 242 ton capacity

We also have a Laser cutter, allowing us to fabricate sheet metal up to 25mm




Product Range

- ▶ Controller software and electronics
- ▶ Mini Sub Stations & Switchgear
- ▶ Metering Kiosk
- ▶ Distribution Kiosk
- ▶ Modular Systems
- ▶ Eskom Range
- ▶ NemaRange
- ▶ Pole mount Metering Enclosures
- ▶ WifiBoxes
- ▶ Double door surface mount
- ▶ Single door surface mount
- ▶ Flush mount Enclosures
- ▶ Free standing enclosures
- ▶ Distribution Transformers
- ▶ Oil Regeneration
- ▶ Test Facilities





TEST CERTIFICATE



Alvern Cables

LAB LOCATION: 700 FREE STREET ANGLO

SERVICE TYPE: CABLE

REF NO: 3366

Date:	15-Nov-20	Specimen:	3366-100-2
Product code:	10000007	Customer:	CONTRACTOR
Description:	35.0mm ² x 1 Core	Customer Order No:	
Voltage Rating:	30	OUR ACKNOWLEDGEMENT NO/SLIP NUMBER:	
Insulation Type:	XLPE		
Insulation Thickness:	7.2		
Heatshrinkable:	1.0		
Material (Type):	PLASTIC CONTACT LBS		
Conductor Type:	High conductivity, twisted copper		
Insulation Material:	general purpose PVC		
Temperature Rating:	-55°C to +95°C		
Activity:			

TESTS

Conductor resistance (1 Km @ 20°C)

Insulation resistance (20kV)

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TEST REPORT



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Temperature Rating:	-55°C to +95°C		
Activity:			

QAS INTERNATIONAL

REGISTRATION CERTIFICATE

This document certifies that the administration systems of

Rosslyn Enclosure Manufacturers

288 Hendrick van Eck Street, Rosslyn, Pretoria, South Africa

have been assessed and approved by QAS International to the following management systems, standards and guidelines:

ISO 9001:2015

The approved administration systems apply to the following:

Rosslyn Enclosure Manufacturers based in Rosslyn, Pretoria, undertake manufacturing and pre-approval wiring of electrical enclosures for distribution purposes for the state-owned enterprise in South Africa, municipalities and private sector. Clause 8.2 Design and Development is not applicable to the quality management system.

Original Approval: 27th February 2020
 Current Certificate: 27th February 2022
 Certificate Number: SA2080

Signed: Certification Officer: *[Signature]*

On behalf of QAS International

This certificate was issued and the holder is required to comply with the conditions of the certificate. The holder is required to display the above registration mark on the certificate. The holder is required to display the above registration mark on the certificate. The holder is required to display the above registration mark on the certificate.

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TEST REPORT

LAB LOCATION: 700 FREE STREET ANGLO

SERVICE TYPE: CABLE

REF NO: 3366

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