TURNKEY PROJECT SOLUTIONS

COMPANYPROFILE

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Competencies

Managed Services

Planning & Wi-Fi

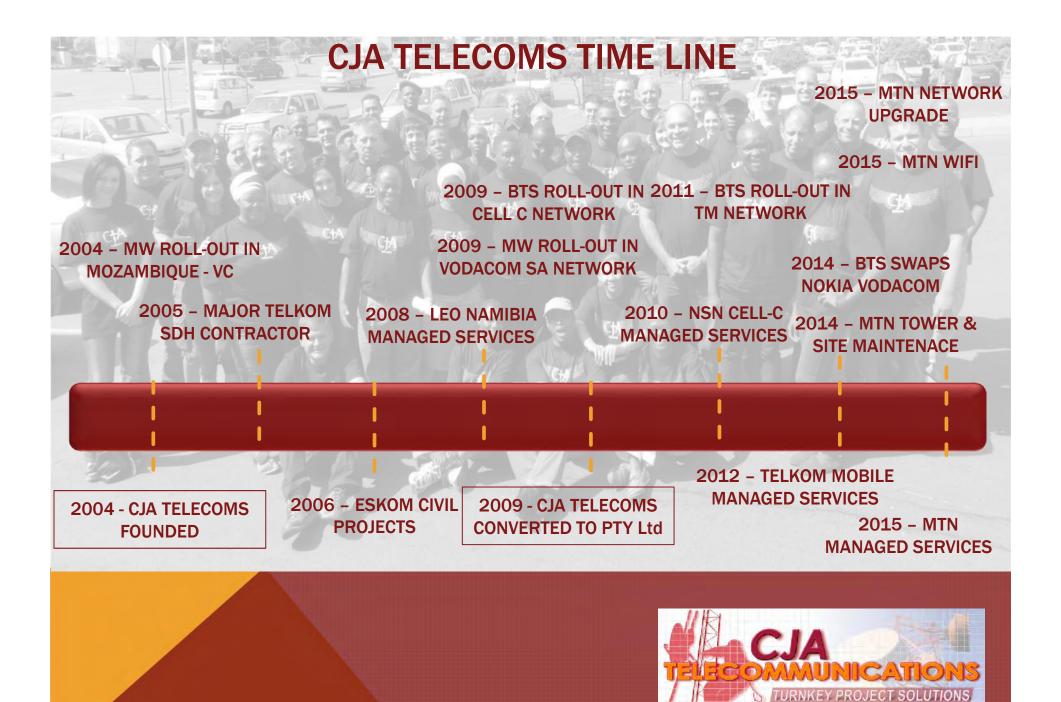
Social Responsibility

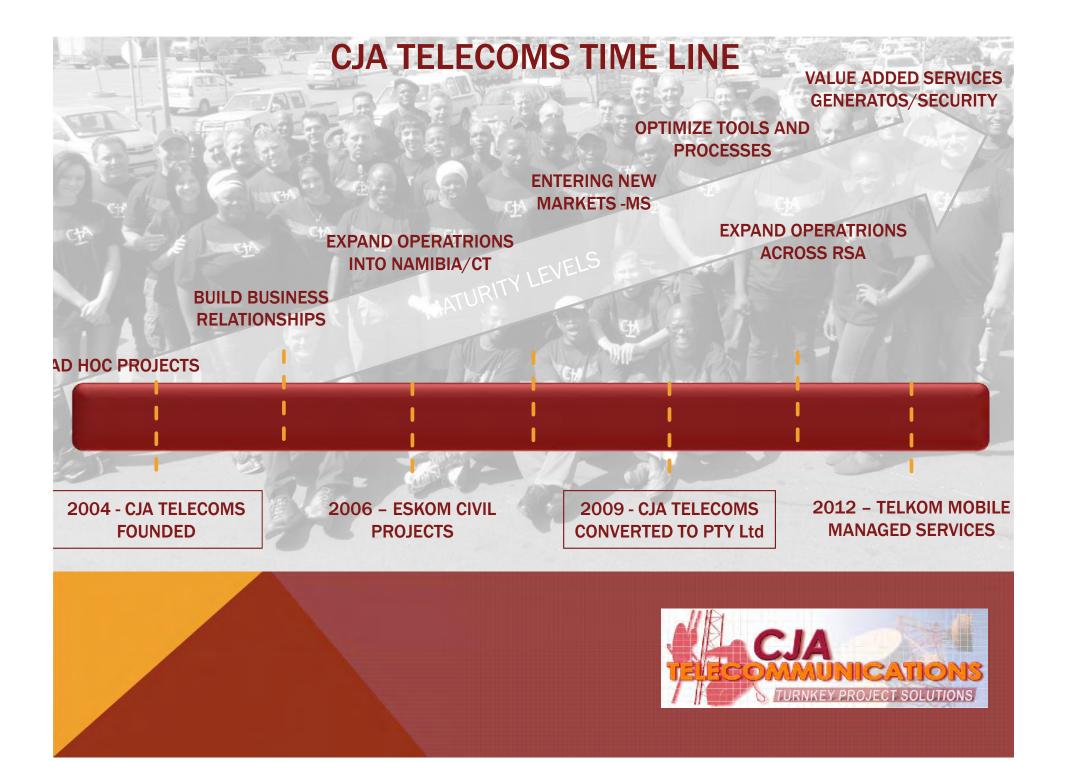
Legal

Contact Info

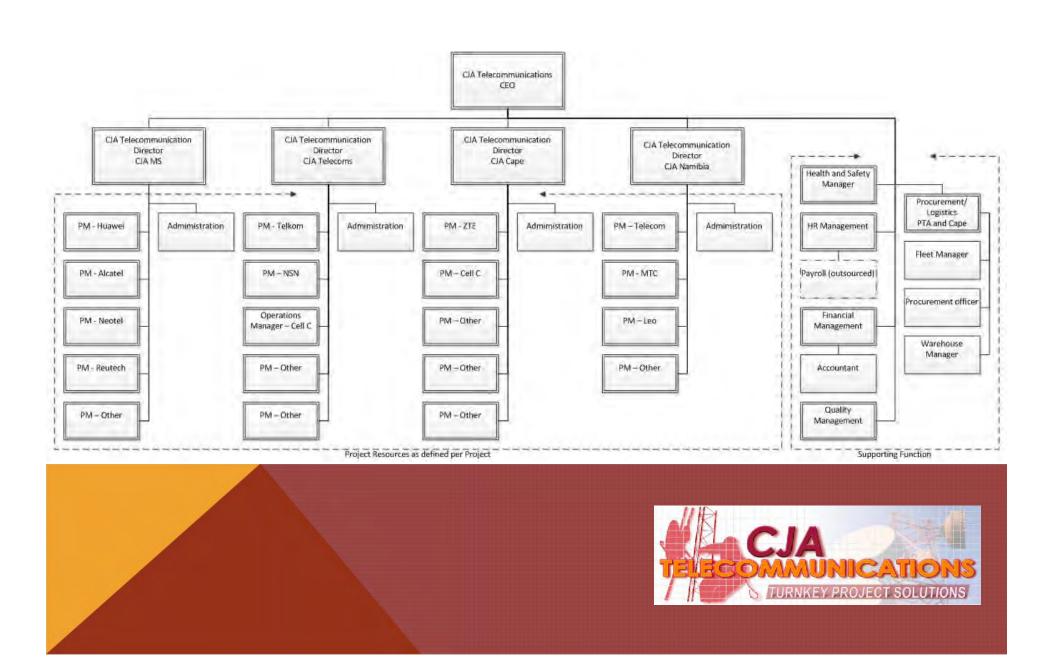


CIATELE COMPANY BACKGROUND





CJA TELECOMS ORGANIZATIONAL STRUCTURE



Objectives

To continuously deliver professional quality services to our clients.

Company Origin

CJA Telecommunications was established as a Close Corporation in 2004 to service Telkom South-Africa as a Turnkey Contractor.

CJA Telecommunications was converted to a PTY Ltd in 2009.

BEE Status

CJA Telecommunications is a level 1 certified company.

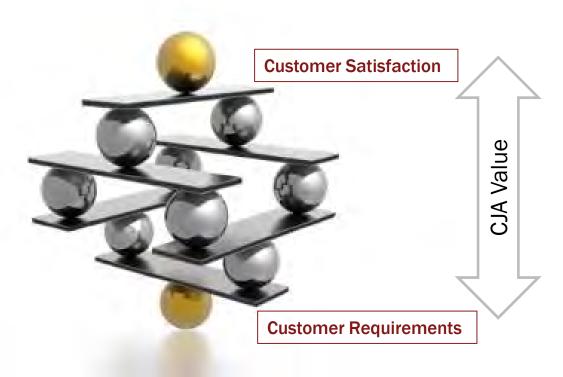
CJA PTY Ltd Registration - 2009/016657/07

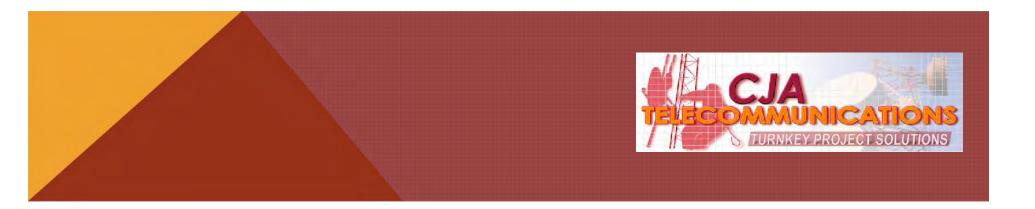
Company VAT number - 4090220080



Objectives

To continuously deliver professional quality services to our clients.





CIATELE COMPETENT COMPETENCY CSKILLS WIENT COMPETENCY

Design:

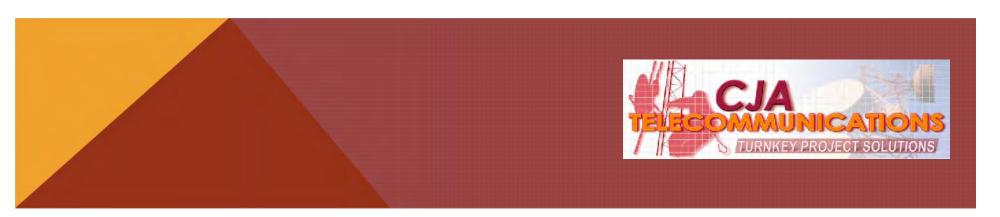
- TSS, LOS and Planning Surveys
- Planning
- Structural Engineering & Design
- Azimuth Verification & Drive Testing

Operate:

- FO (NOC Functions)
- BO (Performance management)
- Preventative maintenance
- Corrective maintenance
- Spares Management

Deploy/Built:

- Civils
- Container Reticulation
- Tower Rigging
- RF Installations and Upgrades
- MW Link Installations & Commissioning
- BTS Installations & Commissioning
- Fibre Optic Installations & Splicing
- Optimization
- Power Installations and Certification



Equipment Competency

- BTS Equipment

NSN Flexi & Multi-Radio Motorola, Huawei CDMA, ZTE

- Transmission Equipment

NSN Flexi-Packet

Ericsson Mini-Link E

Ceragon, SRAL, Nera, Siae,

Tellabs, Cisco

- Fibre Equipment

HiT 7025 to 7035

SDH SMA 1/4/16

PDH, FSP3000, FSP150

Rurtel, DRMass, Exicom

- Rectifier Equipment

CK Delta, Emerson

Grintek, ARP 48

FPMA Power System







































CELL-C MAINTENANCE

Managed Services - NSN Equipment Maintenance (2010-2013)

- Event Maintenance on Service Affecting Alarms.
- Routine Preventative Maintenance.
- 1391 Sites in Central and NER.
- 24 Teams Stationed Regionally.
- Reporting on KPI, Network performance, Trend analysis.
- Vandalized Site Re-Instatements.
- Quality Inspections and New Site Handovers.
- Network Optimization and Improving Cell Availability.
- Dedicated NOC.
- Spares Management.

Equipment Maintained:
NSN Flexi and Multi-Radio BTS
NSN Flexi Packet Transmission
NSN A-Series Hub
SRAL & Ceragon TX equipment
Delta Rectifier







NOKIA SIEMENS NETWORKS

NSN Roll-Out Projects (2009-2013)

- Flexi BTS Installations and Commissioning
- Multi-Radio Installations and Commissioning
- UMTS 2100 Layer Upgrades
- Capacity Expansions
- LTE upgrades
- Flexi-Packet Transmission Installations and Commissioning
- TSS and Line-of-Sight Surveys
- RF Installations
- RF and Transmission Optimization
- New Site Builds
- Delta Rectifier Installations
- Issuing of Certificate of Compliance
- Logistics







Nokia Siemens

Networks



TELKOM SOUTH-AFRICA

SDH and DWDM Services (2006-2014)

- SDH End to End Solution
 - Site Visits
 - Element Planning
 - Pre-Build Planning
 - Network Integration Planning
 - Element Build and Integration
- AVDA DWDM Installation and Commissioning
- Fibre Optic Installations and Splicing
- Spares Management









Equipment Used:
HiT 7025, 7030, 7050, 7065,
7070, 7080, 7300, 7500, 7035.
FSP3000, FSP150
IP Radio



TELKOM MOBILE – 8ta

Managed Services - Huawei Equipment Maintenance (2012-2015)

- Event Maintenance on Service Affecting Alarms.
- Full Site Routine Preventative Maintenance.
- 2544 Sites Across South-Africa.
- 60 Field Maintenance Engineers Stationed Regionally.
- CJA Representation in All Major Cities.
- Performance Review Reporting.
- Trend and Fault Analysis.
- Power, Cooling and Environmental Systems
- Air conditioner Service and Replacements
- Battery Rundown Tests and Servicing
- Dedicated NOC.
- Spares Management.

Equipment Maintained:
Huawei 2G/3G and LTE BTS
Enetel, Grintek and
ARP Rectifier Systems







HUAWEI – MTN (GC AND NER REGIONS)

Managed Services (2015- Current)

- Full Site Passive Preventative and Corrective Maintenance.
- Full Tower Maintenance
- Generator servicing
- GC: 602 Sites & NR:1582 Sites (Total 2184 Sites
- Field Maintenance Engineers Stationed Regionally.
- CJA Representation in All Major Cities.
- Performance Review Reporting.
- Trend and Fault Analysis.
- Power, Cooling and Environmental Systems
- Air conditioner Service and Replacements
- Battery Rundown Tests and Servicing
- Dedicated NOC.
- EMS and AD HOC repair services











ERICSSON – MTN (CENTRAL REGION)

Managed Services (2015- Current)

- Full Site Passive Preventative Maintenance.
- Full Tower Maintenance
- Generator servicing
- Generator dispatching and refuelling
- CR: 813 sites
- Field Maintenance Engineers Stationed Regionally.
- Performance Review Reporting.
- Trend and Fault Analysis.
- Power, Cooling and Environmental Systems
- Air conditioner Service and Replacements
- Battery Rundown Tests and Servicing
- EMS and AD HOC repair services









HUAWEI

Huawei Site Build Projects (2012-2013)

- BTS Installations & Commissioning
- Container Installation
- RF Installations and Swaps
- RFO Installations
- Ad-hoc Civil Works
- Power Connection and Installation
- TSS Surveys
- Air conditioner Installations
- New Site Builds
- Custom Signage Towers Erection
- RPG Site Builds









SAAB GRINTEK



Vodacom Self Provide Transmission Project (2009-2013)

- Line of Site Surveys.
- RFO Surveys and Installations.
- Site Work Instruction Documentation.
- Nera Microwave Installations and Commissioning.
- Siae Microwave Installations and Commissioning.
- Vodacom Business Microwave Installations.
- Cisco Installations and Commissioning.
- Tellabs Installations.
- UPS Installations.
- Link Soak Testing.
- Frequency Scans.





Equipment Used:

Tellabs

Cisco

Siae

Nera





LEO CELL-ONE NAMIBIA



Full Site and Equipment Maintenance for Leo Namibia (2008-2010)

- Event maintenance on service affecting alarms.
- Routine preventative maintenance.
- Generator Deployment.
- Solar Site Battery and Panel Maintenance.
- Ad-Hoc Civil Maintenance.
- Air-conditioner Service and Replacements.
- 8 Teams stationed regionally.
- New Site Surveys and Planning.
- New Site RF, Transmission and RFO Installations.
- Special Case Preventative and Rectification Actions.
- Property Owner Requested Variations.
- Event Mast Erection and Maintenance.
- Rectifier and Battery Maintenance.



Equipment Maintained:
NSN Flexi BTS
NSN Flexi-Packet Transmission
Motorola BTS
Emerson Rectifier
Kathrein RF Antenna, Draca Feeder



MTC NAMIBIA

mamibia telecom

MTC Roll-Out Projects (2006-2010)

- New Site RF, Transmission and RFO Installations.
- Container Reticulations.
- Ericson Mini-Link E Installations and Optimization.
- Backbone Link Network Optimization.
- Motorola BTS Installations.
- Coastal Preventative Maintenance.
- Air conditioner Service and Replacements.
- Drive Testing (NEMO)
- Quality Inspections.
- Abseiling Site Installations and Maintenance.

Telecom Namibia Roll-Out Projects

- Marconi BSC Equipment Installations.
- CDMA Base Station Installations.



Equipment Used:
Huawei CDMA BTS, Motorola BTS
Ericsson Mini-Link E
Tellabs TX Equipment
Emerson Rectifier
Marconi BSC Equipment



NEOTEL







Reutech MCT Neotel Projects (2009-2013)

- Container Reticulation
- Full Site Civil Works
- Plinth, Fencing, Tower, Manhole and Sleeving
- POP Site Erection
- CDMA RF Installations
- BTS Hardware Installations
- Fibre Route Planning and Installation
- Fibre Dome Splicing, Floating and Testing
- 7way Duct Installations







Equipment Used:
Huawei BTS
BBU
Neotel Optic Fibre



EURICO FERREIRA

Rooftop and Greenfield Installations (2013-2014)

- We specialise in the installation of Rooftops and Greenfield sites.
- We are fully trained to install Rooftop & Greenfield Mcwade.
- All our teams comply with all the Health and Safety requirements.
- We install AC /DC cables, AC/DC DB and change over boxes for Generators.
- Full installation of RF including Triplexers, RRU and optic cable.
- Anritsu site masters are used to do all the sweep test.
- As build documents are done in-house.









ATC SA CIVILS - CELL C SITES



Greenfield civils (2013-2015)

ATC SOUTH AFRICA

- We are fully trained and experience in complete scope involved in site builds
- Excavation, back filling, fixing of reinforcement, casting of concrete, levelling and securing of stubs
- Fitment of fence and gates
- Casting of plinths and tower stubs
- Retaining walls
- As build documents are done in-house.











CORIANT - BROADBAND INFRACO

DWDM Services HiT 7100 / 7300 (2013-2015)

- DWDM End to End Solution
 - Site Visits
 - Equipment Installation
 - Network Integration
 - Software Upgrades
 - Equipment Cut overs













ERICSSON - MTN WI-FI PROJECT

Wi-Fi Services in City/Courtyards Lodges (2014-2015)

ERICSSON

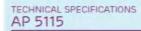




- Site Surveys
- Design and BOQ requirements
- Material supply to E/// (Cabinets/CAT6 Cable/Fibre/
- Equipment Installation
- Network Commissioning / Integration
- AP Software Upgrades
- Fibre installation / Splicing and Testing
- MTN NOC Helpdesk and Support on 24/7/365







ELECTRICAL SPECIFICATIONS

Fower supply: IEEE 802 Saffat (nominal 48 Vdc) 100 - 740 Vair a 1014, 50 - 80 Hz a 1014

Current consumption

Transmission.
IEEE 802-10 Bridging, IEEE 802-10 VLANs, IEEE 802-19
RSTP and IEEE 802-1p QoS
LZTP, LZVPN, GRE and PMIPN4 Tunneling.









HUAWEI – MTN WI-FI PROJECT

Wi-Fi Services in Road/Town Lodges (2014-2015)

HUAWEI



Wi-Fi End to End Solution

- Site Surveys
- Design and BOQ requirements
- Material supply to Huawei (Infrastructure)
- AP Installation
- Fibre installation / Splicing and Testing
- As Built documentation











ERICSSON - MTN DOT PROJECT

Radio DOT Service in Pick n Pay Cresta (2015)

Radio DOT / RBS / IRU Solution

- Site Survey
- Design and BOQ requirements
- Material supply to E/// (Cabinet/CAT6 Cable/Fibre/ODF)
- **Equipment Installation**
- Fibre installation / Splicing and Testing





- Ultra compact radio
- > Discreet and easy to install
- F Radio and power over LAN cable





Indoor Radio Unit (IRU)

- RBS 6000 radio with power and control for Radio Dots
- > Frequency independent
- > Software defined radio

Digital Unit (DU)

- Pooled baseband resources
- Features parity and 3GPP evolution with leading RBS 6000 baseband

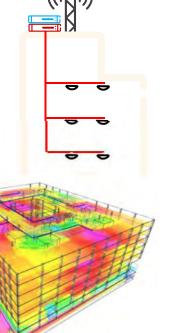






ERICSSON









CIATELE CONSTRUCTURES CHATELE CONSTRUCTURES

PRETORIA – HEAD OFFICE SILVERTON





PRETORIA - HEAD OFFICE















PRETORIA - HEAD OFFICE













CAPE TOWN - REGIONAL OFFICE

















DURBAN- REGIONAL OFFICE



Unit 9, 105 Brackenhill Road Inanda Business Park Waterfall, KZN













VEHICLES

















ARMED SECURITY& RAPID RESPONSE









GENERATOR DEPLOYMENT



TRAINED AND CERTIFIED STAFF







Test Equipment Competency

- Anritsu Site Master
- Bird Site Master
- Field Fox Spectrum Analyser
- Nemo Outdoor Drive Test Tool
- EXFO FTB-200 Optical Time Domain Reflectometer
- FUJIKURA Fusion Splicers
- Fluke Light Source Meter & Fibre Tester

Software Tools Competency

- Unibase
- BPM
- NAM Tool
- Netplan PNI and LNI
- Citrix
- eWAP
- SAP
- Telswitch Stac
- TX Ops
- EMOS
- TMNet
- SMNOS
- NSN BTS Manager 2G and 3G
- NSN Telnet
- Local Craft Terminal
- M2000
- Web-Force



CJATELE CONSERVICES CHANAGED SERVICES

CJA MANAGED SERVICES

CJA Telecoms is geared to provide a Comprehensive Maintenance Solution and we are proud of our successful Managed Services Projects across South-Africa and Namibia.

Over the last six years we have continually developed and diversified our skills in order to consistently deliver a quality service as required by our clients.

A uncompromising view on quality and delivery that instils pride down to the field level is the bases on how we approach Managed Services.

We customize our offered services to suite each projects needs and are able to provide:

- Armed Escorts to High Risk Sites
- Deployable Generators in case of power failures
- Year-round availability of skilled regionally located Field Maintenance Engineers
- High Level Technical Support to FME's
- Dedicated NOC personnel to dispatch
 FME's and track event tickets
- Specialized preventative maintenance actions to minimize future failures
- Customizable reports on network trends and performance
- Spares management and tracking
- Flexibility to expand and adapt as the network requires



Q-REPAIR FAULT MANAGEMENT TOOL

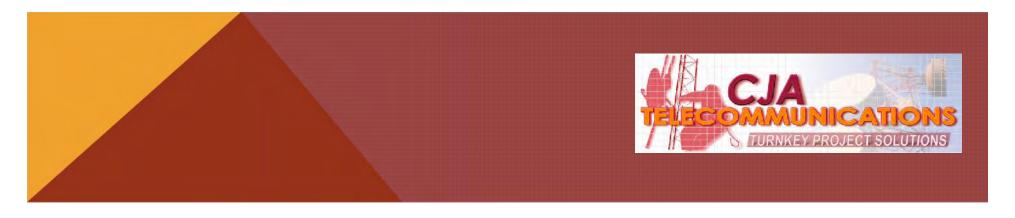
CJA has developed its own web based fault management tool Q-Repair.

This tool allows us to visually track tickets and retrieve info live from the field.

Our clients have access to Q-Repair and may freely inspect our performance and generate reports as needed.

Q-Repair builds a history of the network down to individual alarms on specific elements, this is helpful in forming trend analysis and preventing future failures to increase network performance.

Ref No.	Ext Ref No.	Site Vo.	Fault Type	Site Name	Description	Logged	Attended	Completed
TMS- 13/330- 2374	489,457	2301	PI	Monkinof MCN	Limit down due to transmission	Nompile Nitch 2013-03-30 09:13:02	Brandon Small 2013-03- 30 09:14:50	an Gravett 2013-03 30 09:48:15
IMS- 0130330- 0373	489,444	6355	P1	Sunnypark Mo- 2	WBTS6355 is down due to transmission affecting 1 site 6356	2013-03-30 05:28:43	Brandon Small 2013-03- 30 05:49:44	Ian Gravett 2013-03 30 09-48-48
T <u>AIS</u> 130329- 1372	-89,416	2687	P 2	Ellendale Deor Leikom	SITE1687 sector 1 is cown on 930 2G	2013-23-29-22:15:47	Trastan Wolmarans 2013- 05-07 11 56:55	Ian Gravett 2018-14 02 13:55:22
<u>130320-</u> 1371	459,456	6025	P1	Oakley Vz	PI WBTS 6055 2X Sites down due to Fainte in WCDMA WBTS C&M Connection WBTS6085 affects 2632	2013-23-29 20:40:50	Alain Classe 2013-13-30 08 19:07	Abe Modice 2013 30 09:25:10
T <u>MS-</u> 131320 371	20108	2:78	P1	Magaileaktum	P1 WBT\$2178 See down due to Fainte in WCDMA WBTS C&M Connection	2013 23 29 20:25:50	Brandon Small 2013-03- 20-2027:25	App. Modice 2013 (30/59:23:55
TMS- 135339 365	10,355	2190	Pi	Moreti Ve	PI WBTS2, 80 3N Sites down due to Fainte in WCDMA WBTS O.E./I Camsonian WBTS2180 affects 6135 and 2177	2013 03 29 20:18:01.	Tristan Wolfmarans 2013- 05-25-20 19:23	Apr. Modisc 2013-4 30 09:22: 1
TMS- 0130329- 0368	489,376	5982	P1	Mabopane 3	P1 WDTS5982 2X Sites down due to Faiture in WXCDMA WETS O&M Connection WBTS5982 affects 2328	2013-03-29 18:46:45	Brandon Small 2013-03- 29 18:50:15	Tam Gravett 2013-01 30 00:16:21
7 <u>MS-</u> 137329- 267	-89,358	2587	P1	Nebe Water Reserveir Mitt	Link down due to argusmission affecting 2156,2454 & 2677	Nontpile Ntell 2015-13-29 17/3227	Tristan Wolmarans 2013- 03-25 17 35:29	Anele Mieken, 201 03-25-19-30:17
TMS- 1171829- 1361	-89,306	2236	P1	Clubview Eas.	All securis are down 1, 2 & 3 & temperature alarm	Non-pil. 181. ll 2013-13-29 17:16:41	Paul Wilemse 2013-03- 29 18:58:25	Temia Nkiwate 20 04-02-10 37:56



KENTROX SITE MONITORING EQUIPMENT











Remote RMX-3200

Highly integrated site monitoring and control device (e.g. hub locations, central offices, mobile switching centers)

Remote RME-1000

Expansion shelf for additional port capacity (additional I/O for the Remote RMX-3200 or RMM-1400)

Remote RMM-1400

Monitoring and control device for small sites or limited integration (e.g. Edge locations, Cell sites, Distributed Antenna Systems)

Remote RMB-1

Expandable discrete, analog, and relay alarm panel for Remote suite of products

(Edge and hub locations with dry contact points)

Remote RMB-2

Expandable discrete, analog, and relay alarm panel for Remote suite of products

(Hub locations requiring wet contact points)



CIA TELECOMS WITH

Full Planning Solution for Telkom SA

From Customer request, engineering documents, sustainment of records, and traffic planning.

SOD - Service on Demand Planning ATN - Access Transport Network Planning LTN - Local Transport Network Planning NTN - National Transport Network Planning DCN, Sync and Element Planning

Planning the FSP 3000 ADVA DWDM
Planning of Equipment Type NSN SDH
SURPASS hiT7080, hiT7070, hiT7035,
hiT7025.
Planning System Integration on hiT7080,
hiT7070

Planning Cut-Over Traffic Integration from Legacy PDH Equipment.

Prepare SDH Traffic Integration Planning.

Planning and design of OSP Optic Fibre Cable Networks.

Plan Point to Multipoint Radio Systems.

Plan Point to Point Radio Systems.

GE Small-world (PNI & LNI).

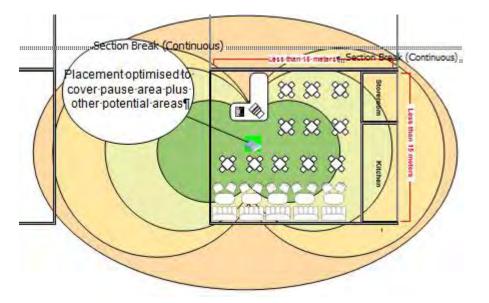
Creation of New TX STAC Codes. Line of Site Planning and Site Surveys.

Approvals of OTDR.



Wi-Fi Proposal

Item	Picture	Physical properties	Used for	Notes
Cisco 2600 Access Point		Power draw: 13W Temp: 0-40 °C Weight: 1.04kg Width: 221mm Length: 221mm Height: 54mm	Access at Merchant	



Ensure Wi-fi Coverage
Equipment to be Secured
Equipment to be Installed and Configured
Optimal Wi-fi Placement
Measurement
Single Access Point Reference Installation
Additional Access Points Reference
Installation

Physical Installation
Pre-check
Confirm AP Signals
Speed Test
Capture Information
Post-installation Check
Acceptance



CIATELE COMS ON SIBILITY CSOCIAL PRESPONSIBILITY







CJA Telecommunications is Proud to be Part of Various Social Responsibility Projects.

3% of Our Annual Income is Dedicated to Social Projects.

Food to Schools, Adopt a Child School Classroom Improvements and Maintenance

We are also Involved with On-going Internal Skills Development Programs to Enrich Our Employees





CIRERECOMS

Office 01 Ville Albe,247 Jean Avenue, Centurio Tel: 012 044 2307 JB1 735 0102



CJA Telecommunications (Pty) Ltd

Business Address: 224 Battery Street, Silverton, 0184

Verification Standard Applied: Codes of Good Practice on Black Economic Empowerment Issue of the rating standard rating applied: Section 9 of the B-BBEE Act of 2003 Scorecard Applied: Qualifying Small Enterprise Scorecard

Elements		Score	
Ownership	Weighting 25	27	
ManagementControl	25	26.95	
EmploymentEquity	25	0	
SkillsDevelopment	25	0	
PreferentialProcurement	25	0	
EnterpriseDevelopment	25	25	
SocioEconomicDevelopment	25	25	
OverallScore	100	103.95	

Registration no: 2009/016657/07

VAT no: 4090220080

BEE Procurement Recognition Level

Black Ownership

759

B/Women Ownership

Value Adding Supplier:

No

BEE Level

Victorious Chartered Accountants
RBA Practice no: 910836

Per-Thompson Zwingwe

B-BBEE Approved Registered Auditor Registration Number 509338B 21 April 2015

Date of Certification Validity period: 12 months

Certificatenumbe

Although the abovementioned is the current level of turnover/income and is closely related to the economic indicators. It may be more a less in future. Consequently, this Certificate does not serve as a guarantee that the income reflected will confirme at

The same levels in all material respects, in accordance with the Codes of Good Practice on Black Economic Empowerment gazetted an 9 February 2007 in terms of the Broad-Based Black Economic Empowerment paretted an 9 February 2007 in terms of the Broad-Based Black Economic Empowerment Act of South Africa. Our independent reasonable assurance report dated 21. April 2015 is available for inspection of the registered office of Victorious Charleted Accountants together with the accompanying Scarecard and should be referred to for an understanding of our assurance engagement. This Certificate has been determined, on the basis of information provided by management that may not be complete in all respects. We do not accept or assume responsibility to anyone other than CJA Telecommunications (Phy) Ltd for our work, for this report, or for the conclusion we have teached.







South African Revenue Service

Tax Clearance Certificate Number 0078/2/2015/0006948760

CALL CENTER NO: 0860 105 350

Compensation Fund

REG NO 990000007868 0123456789 FAX NO ISSUE DATE : 2015-05-04 **CERTIFICATE NO: 2014011196**

Enquiries 0800 00 7277 Approved Date 2015-03-20 **Expiry Date**

2016-03-19

C J A TELECOMMUNICATIONS PO BOX 48100 HERCULES

abour

REPUBLIC OF SOUTH AFRICA

Department: Labour

LETTER OF GOOD STANDING

COMPENSATION FOR OCCUPATIONAL INJURIES AND DISEASES ACT 130 of 1993 (AS AMENDED).

With reference to sections 80, 82, 86 and 89 of Compensation for Occupational Injuries and Diseases Act 130 of 1993 (As amended), I hereby certify that:

C J A TELECOMMUNICATIONS

has complied with the requirement of the above Act and is at in good standing with the Compensation Fund.

Nature of business&TELECOMMUNICATIONS & CONST Expiry date 2016-04-30

IMPORTANT NOTICE:

Any fraudulently obtained Letter of Good Standing shall constitute a criminal offence.

The Compensation Commissioner shall produce the criminal proceedings against any perpetrators who unlawfully after or deface this letter for intend to defraud or misrepresent facts contained therein.

PLEASE, use the Below link (Website Address) to check if the Letter of Good Standing is valid: https://cfonline.labour.gov.zwerifyLOGS

Yours faithfully

House. On Hamilton and Soutperstang Rose. PO Box 955. Protonia. 0501 Fax (012)357-1817 Website Hilp: New Interurgov as



It is hereby confirmed that, or mis basis of the information at my disposal, the above-mentioned taxpayer has as set out in section 256(3) of the Tax Administration Act.

period of 12 months unless otherwise communicated by SARS.

Tax Clearance Certificate - Good Standing

Verification of this certificate can be done at any SARS Revenue office nationwide.

Photo copies of this certificate are not valid.

SARS reserves the right to withdraw this certificate at any time should any taxes, levies or duties become due and outstanding by the above taxpayer during the one year period for which the certificate is valid.

This certificate is issued free of charge by SARS.

CODE OF ETICS

INDIVIDUAL COMMITMENT FORM

By completing this Individual Commitment form I agree to the Ethical guidelines as implemented within CJA Telecommunications. I also agree that if I do not abide within the Code of Ethics as stipulated below, I will be held accountable for such conduct by the CJA Management / Disciplinary procedures.

I commit:

- To be entirely truthful in all I say.
- To be faithful to my family and work relationships.
- To do nothing out of selfish ambition or conceit, but to look out for the interests of others.
- To refuse to elicit, accept or pay any bribes, and to report those who do.
- To be a diligent leader without being harsh and unfair to our suppliers and colleagues.
- To be a peacemaker.
- To do my work wholeheartedly.
- To submit myself to just and ethical governing authorities.
- To support my fellow colleagues whenever they are in need.
- To collaborate with my peers and colleagues to create a exciting working environment



CONTACT US

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Pretoria
South Africa
zirk.janssen@cjatelecoms.co.za

Hennie Diedericks

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Chris Swart

Cell: +27 82 558 5323 Fax: 021 853 8202

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Gant's Centre, Strand
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South Africa
chris@cjatelecoms.co.za

Ian Gravett

Nam Cell: +264 81 407 5377 SA Cell: +27 83 521 9534 Fax: +27 86 551 5286

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Pioneerspark, Ext 1
Windhoek
Namibia
ian.gravett@cjatelecoms.co.za

