



COMPANY PROFILE & CV

Inala Broadcast represents a number of leading international manufacturer's to the Broadcast markets.

Our partnership approach with these world leaders and innovators gives us access to their products, technical expertise and enables us to share this knowledge with our customers.

We have the experience of providing System Integration (SI) turnkey solutions to the broadcast markets. These include the transition to HD, Play-out systems, Production and News Production Studios, Multiscreen (IPTV / OTT) ,Head-end, IP and Cloud solutions.

At Inala Broadcast we regularly consult with our customers and assist broadcasters to migrate from tape to tapeless environments since the inception of file-based technology.

These solutions spread over the complete Production chain, from Ingest/Capture/Acquisition, transcoding and QC processes, Play-out, Multiscreen and Transmission.

Our team of sales consultants and project engineers is able to offer customers expert advice, assistance, and engineering support and furthermore to confirm a competitive realistic budget and timescale to improve facilities.

IP-based video workflow solutions are starting to be adopted in the broadcasting industry as more and more manufacturers invest in producing Software Applications that operates on standard IT blade technology. The design and clear understanding of Software Defined Networks (SDN) are crucial to the successful implementation of IP-based video workflows. Inala Broadcast has the internal skills, backed by some of the leading manufacturers in the world, to assist customers with the migration from baseband to IP-based infrastructure.

IP architecture addresses the complete range of contemporary and next-generation video services, from the global demand for HD content to the explosive growth of on-demand video delivery to mobile and web devices.

HD and SD compression, stream processing and media asset management solutions with native IP support allow operators to intelligently manage workflows across their networks while maximizing operational efficiencies. Fully virtualized platform unifies the entire media processing chain, from ingest to delivery. Operating on common hardware platforms in IT data centre environments, it gives video content and service providers the ability to simplify workflows, maximize flexibility, and gain unprecedented operational efficiency.

Through our partnership with leading edge manufacturers, Inala Broadcast has the ability of offering a comprehensive software application that transforms traditional video preparation and delivery architectures into fully integrated set of cloud-native functions,

We look forward to being of service to you.



SUPPLIERS



ALPERMANN & VELTE
Timecode Generators and Readers.



Arista Networks was founded to pioneer and deliver software-driven cloud networking solutions for large data center storage and computing environments. Arista's award-winning platforms, ranging in Ethernet speeds from 10 to 100 gigabits per second, redefine scalability, agility and resilience.



ENPS
Electronic News Production System



AVIWEST
The world's first pocket-size high definition live video transmission system for video professionals that can be used wherever there is cellular service.



AXON
Axon has pioneered new enabling technologies that empower customers. In each of its three core product areas: Synapse modular AV processing (including multiviewer, master control and routing), Cerebrum monitoring & control system. Axon has delivered new levels of performance by harnessing the latest technical innovations and maintaining a razor-sharp focus on customer needs, from live production to play-out and master control.



BLUEBELL OPTICOM
Fibre Optic Transmission Equipment for the Broadcast and Telecommunications Industries.



BROADPEAK
Broadpeak designs and manufactures video

delivery components (CDN solutions) for Network Service Providers deploying IPTV, Cable and OTT services.



CONVIVA
Conviva's Intelligent Control Platform puts QoE control back in the hands of publishers to increase engagement, build brand affinity and create a more profitable online video business.



ERICSSON TELEVISION AND MEDIA MANAGEMENT
Ericsson offers a complete TV solution, strategic collaboration; unmatched insights and adaptable pricing models support a new vision of multimedia. End-to-Endless Television. It brings their unique range of cross-segment expertise – combined with award-winning technology and solutions from Digital Video with Advanced Compression to On Demand and Interactive Technology.



EMBRIONIX
Future proof broadcast infrastructures start with an IP core deployment. It consists of a Spine and Leaf type architecture or a simple core switch achieving the signal distribution. As you still need to interface with surrounding source and destination media devices that are not yet IP native, you will need conversion devices to converge to your IP network. Embrionix provides a selection of products converting SDI to IP as well as other SFP modules with enhanced capabilities for native IP devices. By integrating the conversion and processing functions physically inside the IP switch, Embrionix makes the integration much simpler and cost effective in a zero-foot print.



EVS

EVS designs leading broadcast and media production systems for sports, news, TV entertainment and Dyvi a scalable Video Production Switcher brings the benefits of the latest IT-based technology to outside broadcast and studio-based live broadcast facility companies and broadcast networks. Fully modular, their solution is scalable for any size or type of production - from a small studio to a major live broadcasting event.



HARMONIC

Harmonic is recognised as the world leader in Digital Video Infrastructure Solutions and Networked Media Servers (Omneon). Harmonic provides the supply chain infrastructure — from production through delivery — that enables content producers and service providers to engage and prosper in today's multiscreen video economy.



i-movix

As the worldwide leader in extreme slow motion for broadcast, I-MOVIX provides camera solutions for every sports production, from 25 to 2,600 images/sec in HD resolution, or up to 1,000 images/sec in 4K, in Super Slow Motion and Ultra Slow Motion modes.



LAWO

Top quality and innovative technology have made Lawo what it is today: an internationally leading provider of digital mixing consoles, routing systems, video solutions and turnkey systems for the professional broadcast industry.



LINEAR ACOUSTIC

The company designs and manufactures the AERO™ range of real-time and file-based loudness managers, UPMAX® upmixing and downmixing solutions, and the

LQ™ series of loudness metering products. Linear Acoustic® continues to lead the industry towards high quality DTV audio that is naturally compliant.



MINNETONKA AUDIO SOFTWARE

Minnetonka Audio Software, (MASI) is the industry leadership with the development of the SurCode series of audio encoding products to support industry-standard formats including Dolby E, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, Dolby Pro Logic II, DTS and DTS-HD.



PEBBLE BEACH SYSTEMS

Pebble Beach Systems is a leading developer and supplier of automation, channel in a box and content management solutions for TV broadcasters, and satellite operators. Solutions are available for both large and small operations to manage acquisition, file based workflows, archiving and multichannel layout.



RIEDEL

Riedel Communications designs, manufactures and distributes the most pioneering real-time networks for video, audio and communications for broadcast, pro-audio, event, sports, theatre and security applications worldwide.



SDNsquare

SDNsquare guarantees performance, reliability and scalability for network, storage and data centres. Their solutions are designed to ensure your mission critical environment is always performing - despite the increasingly large files, bulk data transfers and rapidly growing traffic networks have to handle today.



STARFISH TECHNOLOGIES

Subtitling, Audio Description, Scheduling, Media Management, Special Projects and Teletext.



TE CONNECTIVITY

Patching Systems, Cable Management, Connectors, and Installation Tools.



TEDIAL

Tedral is a software company specialising in Media Asset Management (MAM), Hierarchical Storage Management (HSM), Business Process Management (BPM), transcoding and media distribution.



TEKTRONIX

Video and Television Test & Measurement equipment covering Baseband Video Test Solutions, MPEG Video Test Solutions, Video Quality and Service Assurance.



TSL

TSL Products has drawn on over two decades of TSL's international systems integration experience to develop and deliver a range of top-quality products from Audio Monitoring, Broadcast Control Systems, Power Management and SoundField Surround Microphones, that meet the needs of today's broadcasters.



TVLOGIC

TVLogic develops and manufactures reliable and high performing, high quality broadcasting HD LCD monitors.



VERIMATRIX

Verimatrix is the recognized leader in cardless revenue security solutions for progressive digital TV service providers; the company has leveraged its innovative 3-Dimensional Security approach to provide a harmonized rights platform for premium content delivery to a range of devices over new broadcast and IP hybrid network combinations. Verimatrix offers flexible layers of protection techniques to address evolving business needs and revenue threats.



VITEC

Vitec supplies the Broadcast & Video market with a variety of products and services to assist in the capture and transmission of video images. The products manufactured or sourced by Vitec are camera supports (pedestals, tripods and heads), robotic camera systems, bags, LED lighting, prompters, mobile power (batteries and chargers) and microwave systems.



VIZRT

Vizrt provides real-time 3D graphics, studio automation, sports analysis and asset management tools for the media and entertainment industry. This includes interactive and virtual solutions, animations, maps, weather, video editing, compositing, and playout tools



PROJECT HIGHLIGHTS:

1999/ 2000

Botswana Television

Inala Broadcast (as Broadcast Visions) supplied a complete JVC Professional D-9 system, including D-9 VTR Recorders and Players. We also supplied all the monitors to Botswana Televisions from the JVC Professional range.

2000

M-Net Final Control System

Inala Broadcast (as Broadcast Visions) has supplied around 15 x Master 21's and a 4 channel digital M-2100.

2001

Angola Television Training Facility

Inala Broadcast (as Broadcast Visions) supplied all the equipment for a Television Training Studio, which was built in Luanda. The equipment included the JVC Professional DV range of cameras, Recorders and Players, monitors and JVC Professional Projection equipment.

2002

Channel Africa

This is a 24-hour News Channel on the DSTV bouquet. Inala Broadcast (as Broadcast Visions) was instrumental in the design of the system, which includes a server-based Journalist News Editing System, Disk based News Payout System and Digital Final Control Switcher, together with the software design and control of the semi automatic Payout system.

2002

TV Africa

Inala Broadcast (as Broadcast Visions) was instrumental in the design, planning and installation of four new Digital Final Control Centers at TV Africa's new facilities. Inala Broadcast designed the system around a central Routing Switcher and Disk Recorder. Inala Broadcast also supplied all the Modular products, the Final Control switcher as well as the monitors and cameras for the TV Africa installation.

2003

Star TV Tanzania

Inala Broadcast (as Broadcast Visions) was contracted to plan, design and install a new Digital Final Control Center as well as a Production Studio at Star TV facilities in Mwanza – Tanzania. Inala Broadcast designed the system around a central Routing Switcher and Presentation Switcher. The turnkey installation included the supply of all the modular products, studio cameras, intercom system, monitors as well as the test and measurement equipment for the Star TV installation.

2003

Multichoice Africa

Inala Broadcast (as Broadcast Visions) was contracted by Nextream to install the Nextream MPEG encoders at Multichoice. The Nextream encoder was chosen as the replacement for their seven year old digital broadcasting platform. Multichoice broadcasts more than 60 channels and services which are received directly via satellite across Africa.

2003

Government Computer Bureau - Botswana

Inala Broadcast (as Broadcast Visions) was contracted by Dimension Data to supply video and data encapsulating equipment from Skystream for the Botswana Government Bureau. This includes installation, training, and a two-year support contract.

2003

Phumelela Gaming & Leisure Limited

Inala Broadcast (as Broadcast Visions) supplied and installed the first Thomson Grass Valley Zodiak Digital Production Switcher in South Africa at Phumelela Gaming & Leisure Limited. The Zodiak was installed in their OB van which broadcasts horse racing via the TellyTrack channel into Gauteng. The digital Zodiak was interfaced to their existing analogue equipment with Thomson Grass Valley modular converters. Inala Broadcast as part of the value-added package provided Commissioning and training to the customer.

2003

Namibia Broadcasting Corporation

Inala Broadcast (as Broadcast Visions) was awarded a tender to supply and install a Thomson Grass Valley Zodiak Digital Production Switcher at the Namibian Broadcasting Corporation (NBC) in Windhoek. This was the first real step by NBC towards digitization. The Zodiak was installed in their news studio. Inala Broadcast engineers also handled the commissioning and operational training.

2004

Namibian Broadcasting Corporation (NBC) - Final Control System

Inala Broadcast (as Broadcast Visions) was awarded an order to supply and commission a Thomson Grass Valley M2100 Master Control Switcher at NBC in Windhoek. Inala Broadcast engineers also handled the commissioning and operational training.

2004

M-NET Genesis - Final Control System

Inala Broadcast (as Broadcast Visions) was awarded an order to supply, install and commission Eight (8) Miranda Imagestore's, three 3 Master Control Switching and Channel Branding control panels, TSL Monitoring and Tektronix Video



Test and Measurement products, for the first phase of M-Net's Final Channel Control system upgrade to digital, and the consolidation of their FCC's into one control area.

2004
M-NET Genesis - Final Control System – Second Phase

Inala Broadcast (as Broadcast Visions) was awarded an order to supply, install and commission Twenty (20) Miranda Imagestore's and nine Master Control Switching and Channel Branding control panels, TSL Monitoring, JVC LCD monitors and Tektronix Video Test and Measurement products, for the second phase of M-Net's Final Channel Control system upgrade to digital, and the consolidation of their FCC's into one control area.

2005
MULTICHOICE – Video over ATM Installation

Inala Broadcast (as Broadcast Visions) through our principal Thomson Broadcast and Media Solutions –Nextream, was awarded the contract for the installation and commissioning of the Multichoice video over ATM network, throughout South Africa.

2005
UNISA

Inala Broadcast (as Broadcast Visions) was awarded the contract to design, supply, install and commission a complete production/broadcast facility for UNISA at their Sunnyside Campus in Pretoria. Lectures interviews and presentations are recorded or broadcasted live to various campuses. JVC Professional cameras and monitors make up the bulk of the equipment supplied. One of the major criteria was that the studio cameras had to be remotely controlled, positioning and levels, from the control room. After Inala Broadcast completed the integration and commissioning of the facility, training was provided on all the major equipment.

2006
M-Net Genesis – Final Control System – Third Phase

Inala Broadcast was awarded an order to supply, install and commission Six (6) Miranda Imagestore's, one Master Control Switching and Four (4) Intuition advanced graphics channel branding control panels, TSL Monitoring and Tektronix Video Test and Measurement products, for the third phase of M-Net's Final Channel Control system upgrade to digital, and the consolidation of their FCC's into one control area.

2006
E-TV Nigeria

Inala Broadcast received an order from E-TV for equipment to facilitate an FCC in Nigeria. The heart of the system consisted of a Miranda Presmaster, controlling a Grass Valley Router. Videotek Test and Measurement and JVC Monitors were included in the system. The complete system was installed and

commissioned in Johannesburg before being disassembled and shipped to Nigeria for final installation.

2006
M-Net & Dolby

M-Net has taken delivery of various Dolby products that are used to streamline their audio processing. Dolby E decoding, surround sound decoders as well as loudness meters were delivered.

2006
M-Net OBs

Inala Broadcast completed a project involving the supply, integration & commissioning of equipment for a small OB Vehicle for M-Net. The equipment supplied consisted of a Grass Valley Kayak DD1 Digital Production switcher, Concerto SDI routing switcher with Jupiter Control System and various modular products. A TSL under monitor display system was also supplied for all monitor identification as well as to distribute tally information.

2006
AFDA JHB

Inala Broadcast together with New Installation Company supplied a turnkey production studio to the film and drama school, AFDA. The studio consists of three JVC studio camera chains on Vinten pedestals, Broadcast Pix production switcher, and Riedel Communication system, Telescript prompting system, Sierra Video AV routing system, JVC monitors, test and measurement products as well as DTL modular products. Lectures from the film school were trained on-site after the installation and commissioning was completed.

2007
CNBC AFRICA

Inala Broadcast was contracted to supply a full turnkey system for the establishment of the CNBC Africa facility in Johannesburg. In addition to the main system build, regional bureaus in Cape Town, Nigeria and Kenya were also built so that coverage from an African business perspective can be provided.

CNBC Africa's system consists of running a 24-hour global business channel where local productions, covering domestic and regional business affairs, are broadcast. The system consists of an ENPS newsroom computer system, Pebble Beach automation, Miranda Imagestore, Grass Valley router, cameras, production switcher and modular products, an Omneon video server, Apple Final Cut Pro NLE's, Barco video wall, VizRT graphics, JVC Professional, Tektronix, TSL, and ADC products plus a StorageTek robotic archive library. Commissioning, operational and technical training were conducted on site.



2008

M-Net Playout

Inala Broadcast was awarded an order to supply, install and commission an M-Net HD Playout expansion with Omneon server for ingest and Play Out, Miranda Imagestore's, Master Control Switcher, Kaleido X Multiviewer, TSL Monitoring and Tektronix Video Test and Measurement products.

2008

Lesotho Broadcast Corporation

Inala Broadcast won a tender to supply an "Ingest and Play-out" turnkey solution for Lesotho TV.

The system consists of, an Omneon server with associated hardware and software (Media Controller, RecordTool, PlayTool and NLE Conform tools), Thomson Grass Valley modular products, Indigo productions switcher and video and audio router and JVC HD/SD LCD Monitors. It was designed to integrate with the existing tape based infrastructure. Commissioning as well as operational and technical training was conducted on site.

2008

Earth-Touch – Transfer & Final Compliance Facility

Earth-Touch provides film quality wildlife footage in High Definition from the most spectacular locations around the world. They provide the material in different formats with the required level of quality to broadcasters.

The system implemented consists of a Thomson Grass Valley Acapella 16x16 HD/SD (embedded audio) router, a reference distribution system, Tektronix HD waveform rasteriser, and a Miranda multiformat engine/universal signal processor.

The system provides a Miranda up/down/cross/ARC and HD/SD standard conversion, which is capable of normalizing 1080i 50 or 1080i 59.94 incoming feeds to the facility standard, including converting SD 625 to 525, or 1080i 59.94 to 1080i 50. The project was based on a turnkey solution, which includes installation, integration, commissioning and training.

2008

Caught on Safari Live – National Geographic World Channel

National Geographic World Channel goes on safari in a weeklong special filmed live from the Kruger National Park, beginning on 09 November 2008, National Geographic Channel broadcast four hours of live coverage from the reserve for seven straight days, offering viewers 28 hours of once in a lifetime, one-on-one encounters with Africa's most majestic creatures. On location at Nwanetsi Concession at Singita, one of Africa's pre-eminent safari game reserve housed inside Kruger National Park.

Inala Broadcast was contracted by Aquavision to designed and built a fly- away system to cope with the harsh conditions of the

Kruger National Park, that can be easily deployed to provide mobile HD video link and back-haul HD video link (supplied by Global Microwave Systems) necessary for getting the live pictures from the game drive vehicle back to the fly-away final control centre, where the feed is captured on an Omneon HD server used for capturing live content for highlights and later playback. The final playout centre consists of a Miranda HD final control switcher, multi-viewer and all the necessary fibre converters, frame stores, audio embedders together with a Tektronix HD waveform monitor, TV Logic multi-format LCD monitors, TSL audio monitoring and Alpermann+Velte time code generators.

The highlight editing is achieved with the tight integration of the Omneon server with Apple Final Cut Pro (FCP)

The system was integrated by Inala Broadcast project engineers together with BSI and Case Connection who provided the system cabling and flight cases respectively.

2008 / 2009

South African Broadcasting Corporation Limited (SABC)

Supply, Integration and Upgrade of Final Control Centre Short Form to Long Form Server and Omnibus Automation Upgrade.

Inala Broadcast was awarded a turnkey contract by the South African Broadcasting Corporation Limited (SABC) for the supply, integration and upgrade of Final Control Centres (FCC), Short Form to Long Form Server and Omnibus Automation Upgrade. The contract was implemented over a period of a year where the fourth (4) standby FCC was first upgraded to act as a redundant FCC, to accommodate the installation of the three new (3) FCC's, thereby alleviating the prospect of the South African Broadcasting Corporation Limited (SABC) ever being off air, while the installation was being implemented. Omneon Spectrum was chosen as the Long Form Server, which consists of three components, 1) Main and backup 2) Transmission Server and 3) Ingest Server. Each Server component has its own multiple Play/Record MediaPorts and separate MediaStores, 7TB for the Main, Backup and Transmission Servers and 17TB for the Ingest Server. The various Server components are controlled by the upgraded Omnibus Colossus automation system.

Only after the completion of the acceptance of the installation, the training of the operational and technical staff of that specific FCC, were they moved out of FCC 4 into the new facility, before work began on the upgrade of the next FCC.

2009

Stark Studios

Inala Broadcast was awarded a turnkey contract for the design, integration, installation and training for the new Stark Studios HD project. Two mirror image control rooms were designed with three (3) Grass Valley LDK 4000 HD cameras, Grass Valley 1 ME Kayak switcher, TVLogic LCD monitors, Riedel intercom, TSL audio monitoring units ADC patch and jack fields, Tektronix test and measurement equipment per control room, with a



central Grass Valley router and modular products. The design is such that the control room operate individually per studio or one can take control of a single studio that can be configured to have up to six (6) cameras at any one stage.

2009
M-Net – Server System

Inala Broadcast was awarded a contract to provide 24 Serial Digital (SD) channels of an Omneon Server and MediaGrid system which includes 3000 hours of storage.

2009
M-Net – HD Final Control

Inala Broadcast was awarded an order to supply, install and commission an additional 3 x HD Final Control Channels which includes; Miranda Imagestore's, Master Control Switcher, Kaleido X Multiviewer, TSL Monitoring and Tektronix Video Test and Measurement products.

2010
M-Net – Server System

Inala Broadcast was awarded a contract to provide an additional 64 Serial Digital (SD) channels of an Omneon Server system which includes an expansion of an extra 3000 hours of storage.

2010
M-Net – HD Omneon Server

Inala Broadcast was awarded an order to supply, install and commission 16 HD channels of an Omneon server, which includes 8 ingest and 8 play out channels with a total of 357 hours of storage (21T Bytes)

2010
M-Net – HD Final Control

Inala Broadcast was awarded an order to supply, install and commission an additional 3 x HD Final Control Channels which includes: Miranda Imagestore's, Master Control Switcher, TSL Monitoring and Tektronix Video Test and Measurement products.

2010
ODM – Network Monitoring Room (NMR)

Inala Broadcast was awarded an order to supply, install and commission a Network Monitoring Room which includes: Miranda Kaleido X Dual Head Multiviewer, Miranda Densite modular and converters, Dolby, TSL Monitoring and Tektronix Video Test and Measurement products.

2010
Star Television – Play-out system

Inala Broadcast was awarded a turnkey contract (phase 2) to supply, install, and train and commission a second play-out

channel at Star Television in Mwanza, Tanzania. The equipment supplied includes Miranda Imagestore's, Master Control Switcher and Graphics Processor, Grass Valley Modular and Routing Switcher products.

2011
SuperSport – Omneon Server

Inala Broadcast was awarded an order for two (2) additional HD servers, one (1) SD server and the upgrade of the existing SD servers with additional ports and storage.

2011
South African Broadcasting Corporation (SABC) - Newsroom

Inala Broadcast together with our principal ENPS were awarded an order as a subcontractor to Questek /ATG for an ENPS NewsRoom Computer System (NRCS). SABC will deploy ENPS nationwide and across both TV and Radio – an installation which will encompass 15 sites in total.

ATG sub contacted Inala Broadcast to act as their local Project Manager for the South African implementation of the project.

2011
South African Broadcasting Corporation (SABC) –Final Control Centres (FCC)

Inala Broadcast was awarded a turnkey contract for the implementation of four (4) FCC's. The project comprises of four (4) Miranda IS 750 playout platforms, Miranda (Omnibus) automation upgrade, Miranda modular products, Miranda Kaleido Multiviewer, Tektronix waveform monitors, TSL audio monitoring units, TSL Tally control system, TVLogic monitors, and Ultimate Chroma keyers.

2011
South African Broadcasting Corporation (SABC) –News Craft and Playout Server

Inala Broadcast was awarded a contract for the implementation of a News Craft and Playout server system. This turnkey project comprises of five (5) Miranda iTX IT based automation playout platforms, Miranda routing switcher, Omneon MediaGrid storage system, TVLogic monitors, Tektronix waveform monitors, TSL audio monitoring units, Amberfin ingest transcoders and four (4) Apple Final Cut Pro edit suits.

2012
SuperSport – Argus Project (Phase 1A)

Inala Broadcast was awarded an order to supply and, commission equipment for 20 services comprising of: Omneon Spectrum Servers, Miranda Imagestore's and LGK Modules, TSL Monitoring, Tektronix Video Test and Measurement products and TE Connectivity Patch Panels and Jack Fields, in their "Green Field" play-out centre.



2013
SuperSport – Argus Project (Phase 1B)

Inala Broadcast was awarded an order to supply, and commission equipment for an additional 12 services comprising of: Omneon Spectrum Servers, Miranda Imagestores and LGK Modules, TSL Monitoring, Tektronix Video Test and Measurement products and TE Connectivity Patch Panels and Jack Fields, in their “Green Field” play-out centre.

2013
South African Broadcasting Corporation (SABC) DTT Upgrade Project

Inala Broadcast was awarded a turkey order to complete the South African Broadcasting Corporation (SABC) DTT upgrade to their Omneon ingest and play-out server, Miranda -Omnibus automation upgrade together with branding, ALC and modular products.

2014
CNBC Africa JSE Studio Project

Inala Broadcast was awarded a turkey order to complete the CNBC Africa Johannesburg Stock Exchange (JSE) Studio. The studio comprises of a standard control surface, with a video switcher, automated camera and audio control. The signals from the studio are sent to CNBC Africa broadcast centre via fibre using Riedel MedioNet.

2014
Multichoice (Samrand Phase 1)

Inala Broadcast was awarded an order to supply and commission equipment for an additional 16 services comprising of: Harmonic Spectrum Servers, Miranda Imagestores and LGK Modules, TSL Monitoring, Tektronix Video Test and Measurement products and TE Connectivity Patch Panels and Jack Fields, for their Samrand phase 1 project.

2014
Multichoice (Samrand Phase 2)

Inala Broadcast was awarded an order to supply and commission equipment for an additional 8 services comprising of: Harmonic Spectrum Servers, Miranda LGK Modules, TSL Monitoring, Tektronix Video Test and Measurement products and TE Connectivity Patch Panels and Jack Fields, for their Samrand phase 2 project.

2014
SuperSport

Inala Broadcast was awarded an order to supply and commission equipment for an additional 8 services comprising of: Harmonic Spectrum Servers, Miranda LGK Modules, TSL Monitoring, Tektronix Video Test and Measurement products and TE Connectivity Patch Panels and Jack Fields.

2014
Dagbreek / Stark Studios

Inala Broadcast was awarded an order to complete the Dagbreek ENPS NCRS, together with the upgrade of Stark Studio’s facilities to provide the resources to playout Dagbreek’s daily news bulletin’s, with Grass Valley cameras, video switcher, Harmonic MediaCenter storage and Clip jockey control all through a MOS interface.

2015
Multichoice (Samrand Phase 3)

Inala Broadcast was awarded an order to supply and commission equipment for an additional 16 services comprising of: Harmonic Spectrum Servers, TSL Monitoring, Tektronix Video Test and Measurement products and TE Connectivity Patch Panels and Jack Fields, for their Samrand phase 3 project.

2015
Multichoice

Inala Broadcast was awarded an order to supply and commission equipment for an additional 20 ingest services comprising of: Harmonic Spectrum Servers, TSL Monitoring, Tektronix Video Test and Measurement products and TE Connectivity Patch Panels and Jack Fields.

2015
E-TV

Inala Broadcast was awarded an order for the supply and commission a Multichannel TX, News Production and MediaGrid Central Storage, Harmonic Server System, together with a Content Bridge, for files transfers, for their relocation project

2015
Sasani Studios

Inala Broadcast was awarded an order for a Utah Scientific router and Axon Cerebrum for their new studio.

2016
South African Broadcasting Corporation

Inala Broadcast was awarded an order for the replacement of the Spectrum servers Main, Backup & DR site to the latest Spectrun X server.

10 Channels - Main, 10 Channels - Backup and 10 Channels DR were used for Play-out.

10 Channels –Main, 2 Channels DR were used for Ingest.

The South African Broadcasting Corporation MediaGrid storage was also increased. Polaris Play for control of play-out at the DR site.



**2016
NIC**

Inala Broadcast provided NIC with equipment and services for the South African Broadcasting Corporation HDOC tender that they were awarded. The equipment was initially used for the local government elections prior to the HDOC build.

Equipment supplied consisted of Axon Riedel and Tektronix

**2016
Multichoice**

Inala Broadcast were awarded an order to provide 2 x 10 ChannelPort servers for the Multichoice Samrand site and 2 x 16 ChannelPort servers for the Randburg site.

SERVICE AND SUPPORT CONTRACTS

**SABC News Room
24 Years of Continued Support**

In 1992, Inala Broadcast (as Broadcast Visions) supplied the complete iNEWS (formally NewsStar) Newsroom Computer System to the SABC. This comprises of 250 complete journalist workstations. For the past 24 years, Inala Broadcast has provided a yearly Service and Maintenance contract to the South African Broadcasting Corporation which has been upgraded to 1100 journalist workstation ENPS NCRS system.

**Multichoice Harmonic SLA
6 Years of Continued SLA Support**

Since 2010 Inala Broadcast has been providing Multichoice with a Platinum and Advanced Level SLA service and support.

**South African Broadcasting Corporation Harmonic SLA
4 Years of Continued SLA Support**

Since 2012 Inala Broadcast has been providing the South African Broadcasting Corporation with a Platinum and Advanced Level SLA service and support

**E-TV Harmonic SLA
4 Years of Continued SLA Support**

Since 2012 Inala Broadcast has been providing E-TV with a Platinum and Advanced Level SLA service and support

**Service and Support Differentiator
Inala Broadcast resources and focused expertise;**

- | | |
|--------------------|-------------|
| Consulting | Documenting |
| Program Management | Training |
| Installation | Operate |
| Test | Support |
| Commissioning | |

MEET THE TEAM

**Colin Wainer
(CEO)**

After qualifying as a Professional Technologist-Engineer, at the Technicon Witwatersrand (University of Johannesburg) in 1970, Colin started his career with Philips as a technician in the CCTV and Broadcast Video Division. He attained to the position of Divisional Sales Manager for the broadcast division.

In 1981, he joined Protea Technology as Divisional and Product Manager. This position was held until 1996 when he joined Inala Technology Investments as Managing Director of Broadcast Visions. During Inala Technologies (Pty) Ltd. BEE transaction, Colin became General Manager of Inala Broadcast a division of Inala Technologies (Pty) Ltd.

**Antony Bijsters
(Executive Broadcast Engineer and Project Manager)**

Antony completed his T4 Electrical Engineering (Light Current) at Technikon Witwatersrand. He joined the SABC as trainee technician in 1984 where he gained technical experience in Radio production, Television production and transmission.

He joined Specitec in 1989 as technician, focussing on the range of equipment manufactured by the Dynatech Broadcast group of companies, which included NewStar, ColourGraphics and da Vinci Systems. A division: Professional Video Products was formed to manage these products when SABC purchased a NewStar news automation system in 1992.

Antony was responsible for the implementation and support of the NewStar system, and received extensive training, which included IT systems. This news system is in daily use and the service contract is still current. In 1996 Specitec joined the Inala group of companies and the Professional Products Division was merged with Inala Broadcast.

**Anton van Staden
(Executive Broadcast Engineer)**

Anton joined the SABC in 1984 and completed his T4 Electrical Engineering (Light Current) through the Technikon Witwatersrand. He is registered as a Technician with the Engineering Council of South Africa. During his career, Anton has worked in the capacity of Senior Technician at SABC on their Video Editing systems. He was also appointed to the position of Technology Supervisor: Video Editing, Graphics and Titles while at the SABC.

In 1997, Anton left the SABC to run his own business providing a technical support service to broadcast companies, including SABC's Outside Broadcasting Unit (Airtime). Anton joined Inala Broadcast in 1999.



Zakariyah Shaikh
(Consulting and Project Engineer)

Zak was previously employed as Support Engineer dedicated to servicing and supporting the Inala Broadcast portfolio of products. The experience that Zak has gained in the past 6 years has allowed Inala to promote him to a Consulting and Project Engineer. Previously Zak worked at the South African Broadcasting Corporation (SABC) News Technology Department, as a service and support technician. Through this medium he has gained an extensive experience in the broadcasting industry in the operation of broadcast facilities with first hand service and support experience of broadcast equipment in live situations. Zak joined Inala Broadcast in 2010.

Anneline Smit
(Financial Operations Manager)

Anneline is employed as Financial Operations Manager. She is responsible for the accounting and administration team, management reports and the conduit to the board, auditors and tax consultants. Anneline joined Inala Broadcast in 2018

Rena Bryson
(Financial Manager & Sales co-ordinator)

Rena is employed as Financial Manager. She is responsible for the general accounting and administration.

Contact the team (Johannesburg):

Colin Wainer (CEO)

Antony Bijsters (Executive Broadcast Engineer)

Anton van Staden (Executive Broadcast Engineer)

Zak Shaikh (Consulting & Project Engineer)

Anneline Smit (Financial Operations Manager)

Rena Bryson (Financial Manager)

Viwe Gantsho (Executive: Service and Support Engineering)

Goodman Siwela (Service and Support Technician)

She is also responsible for the processing of orders, shipments, and deliveries to Inala Broadcast customers. Her work also includes the management of launches, functions and exhibitions. Rena joined Inala Broadcast in 2016

Viwe Gantsho
(Executive Service and Support)

Viwe is employed as an Executive Service and Support Manager dedicated to servicing and supporting the Inala Broadcast portfolio of products. Viwe experience has been working at the South African Broadcasting Corporation (SABC) Outside Broadcast Department, as a service and support technician. Through this medium he has gained an extensive experience in the broadcasting industry in the operation of broadcast facilities with first hand service and support experience of broadcast equipment in live situations. Viwe joined Inala Broadcast in 2008.

Goodman Siwela
(Service and Support Technician)

Goodman is employed as a Support Engineer dedicated to providing backup servicing and supporting the Inala Broadcast portfolio of products. Goodman joined Inala Broadcast from the Inala Service centre to gain experience in the broadcast industry. Working closely with the Inala Broadcast service and support team Goodman will gain extensive experience in the broadcasting industry

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