

Lazarus Motor Company

Digital Surveillance Solution



Organization :

Lazarus Motor Company

Location :

South Africa, Gauteng, Centurion

Industry Segment :

Motor Industry

Solution :

Mainconsole, CMS

About Lazarus Motor Company

Lazarus Motor Company is located in Centurion south of Pretoria, easily accessible from the major highways around Gauteng. Situated next to the N1 highway, the company is highly viable due to its modern design, prime location and state of the art building.

- Lazarus Motor Company has approximately 31000 m3 under roof
- Lazarus Motor Company is the biggest Ford and Mazda Dealer in Southern Africa.
- Lazarus Motor Company is also the biggest Land Rover Dealer in South Africa (2003).
- Lazarus Motor Company is one of the Top 3 dealers of Jaguar in South Africa.
- We have workshop facilities to service 300 vehicles per day.
- Our parts department distributes Nationally.
- Our Customers Service Index levels are consistently in the Top 5 in South Africa

History

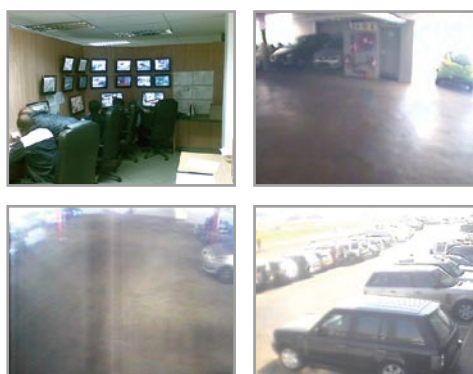
- 1957 - R Lazarus & Sons opened in Bronkhorstspuit
- 1961 - Obtained Lazarus Ford Dealership
- 1992 - Opened Lazarus Ford Centurion
- 1993 - Obtained Lazarus Mazda Dealership
- 1996 - Obtained Jaguar dealership in Pretoria
- 2000 - Lazarus Motor Company was formed
- 2000 - Lazarus Motor Company was formed
- 2001 - Obtained Land Rover Dealership
- 2004 - Opened Lazarus Car Hire division
- 2008 - Obtained Volvo Dealership
- 2009 - Obtained Kia dealership

Previous System Information

- 115 CCTV Cameras
- 102 Fixed Cameras
- 13 Dome/PTZ Cameras
- 8 PC Based Digital Video Recorders
- 25 Video Monitors

Limitations

- High Cost of Expandability & Replacement
- Infrastructure Costs is High and prone to lightning
- Cable Routes and space is limited and costly to replace
- Poor quality images & recordings
- 80% of Cameras had no backup power



New Digital System

Why Network Video ?

- Higher Image quality with HDTV and Megapixel
- More functionality than an analog cameras
- Extensive application support and ease of integration
- Extensive networking functionality and security
- Power over Ethernet
- Distributed Intelligence

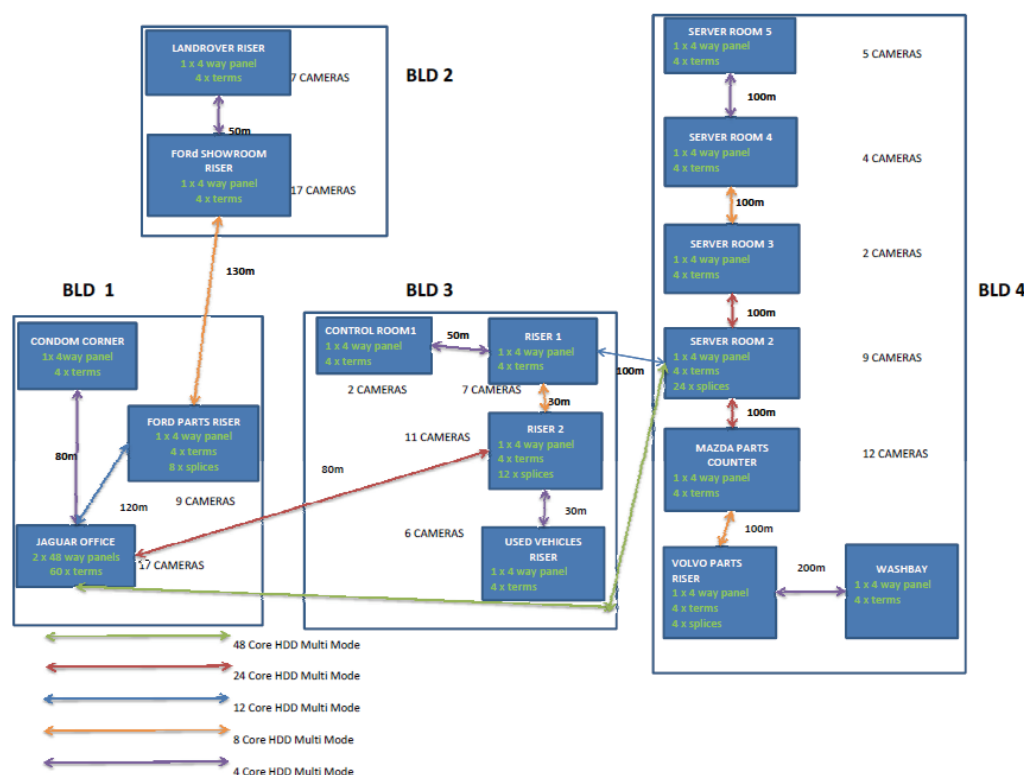
Total 138 Fixed Digital HD 1MP Cameras

Total 6 High Speed Digital HD 1MP PTZ Dome Cameras



NUUO Mainconsloe

Fibre Infrastructure Implemented



Network Cameras Used

AXIS P1344

- Superb image quality with 1MP/ HI
- Day/night functionality
- Multiple H.264 streams
- Digital PTZ
- Easy installation with remote back
- Local storage



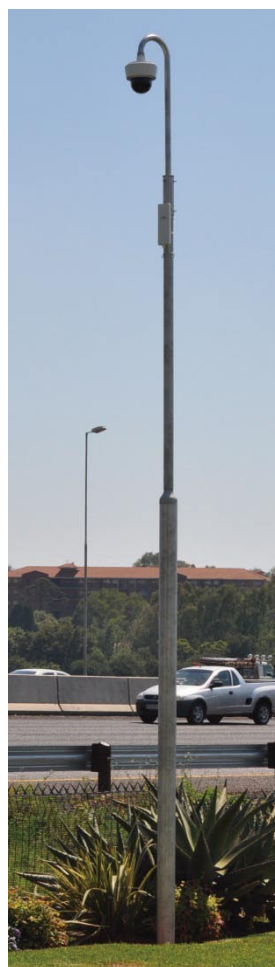
AXIS P5534

- HDTV 720p and H.264
- IP51-rated protection against dust and dripping water
- High Power over Ethernet, compliance with IEEE 802.3at
- 18x optical zoom
- Advanced Gatekeeper functionality



AXIS P3304

- Superior image quality
- Multiple H.264 streams
- Unobtrusive and compact design
- Intelligent video capabilities
- Power over Ethernet



Accessories Used

AXIS P7701

The AXIS P7701 Video Decoder provides a simple monitoring solution by enabling analog or digital monitors/projectors to connect to and display live video from Axis network cameras and video encoders.



AXIS P7701

AXIS T8311 Video Surveillance Joystick gives responsive and accurate control of all Axis PTZ and PTZ dome network cameras.



Recording Servers & Matrix

- 36 Channel NVR's
- 6 TB RAID 5 Storage per NVR
- 3 Months of Data Storage per NVR
- Recording 10Fps @ 1280 x 800 1 MP/720p
- CMS 144 Cameras with Two Operators
- Three Remote Viewing Stations
- Eight 42" HD LCD Matrix Monitors

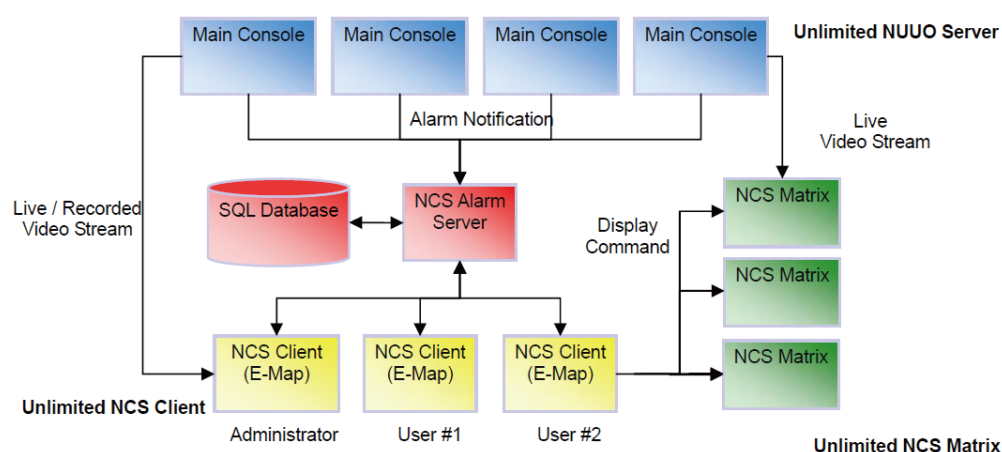


Network Video Recoding

- Quantity: 115 Cameras, 8 PC Based NUUO NVR Machines
- Support Megapixel cameras, IP cameras and video servers.
- PTZ reaction presets and distance operations
- Digital PTZ and Multi-dynamics viewer
- Triple Monitor Display (two for live video and one for playback recording video)
- Smart detection of 6 different camera events
- 10 Immediate reaction for event detection
- Counting Application
- I/O Devices Integration
- Multifunctional Playback System with Intelligent Search
- Remote live viewer, playback backup, IO control, desktop configuration
- Alarm source of NUUO Central Management system
- Compatible with Joystick
- Most Friendly Graphic User Interface
- E-Map
- Database rebuild tool
- With NUUO SCB-C31 box to integrate POS and Cash Registers.



Control Room Monitoring



Control Room



Camera Images

