Woodrock Newsletter – June 2019

Dear Woodrocker

Our long awaited planning for CAMERAS IN OUR AREA is coming to fruition – and for the near future CCJ have only one evening available for us – namely **MONDAY 24th JUNE 2019.**
The meeting will thus take place at CCJ Woodmead in the **KINGFISHER Room** (downstairs) at 18.00hrs – and is expected to last until 20.00/20.30hrs latest.
PLEASE MAKE EVERY EFFORT TO BE THERE !!!

Attached please find the Proposal from VumaCam for:

- **OVERVIEW CAMERAS** (for the streets)
- **STANDARD LPR CAMERAS** (Licence Plate Recognition for the entry/exit points . . . . i.e. "Boom areas")
- **THERMAL CAMERAS** (for our perimeters)

In addition there is the Proposal from 24/7 Security for:

- **MONITORING** of all cameras on a 24 hour basis.

Both VumaCam and 24/7 Security shall present these Proposals formally via Powerpoint to the Residents and be there to answer all the questions that will arise.
You may wish to bring specific pages of the attached in hardcopy format with you to the meeting for your own convenience.

WHY CAMERAS? WHY VUMACAM?
We have Vuma Fibre throughout the area – having agreed in general meeting in 2016 to supply EVERY HOUSEHOLD IN THE AREA with a fibre-optic point at their boundary.
In addition VumaCam now offers a large network so that every area can contribute in a meaningful manner to the fight against crime in the Northern Suburbs of Johannesburg.
Cameras and 'high-tech' options is the way to go in fighting crime in the future.

CRIME:
Although Woodrock is historically a low-crime area, we continually experience invasions along our Highway perimeter – and the greenbelt of CCJ needs to be supported with more than simple household fencing.
Crime (Residential burglaries, attempted burglaries and residential robberies) that we have recently experienced is January 2; February 0; March 2; April 2; May 3; June 7 = 16 incidents.

FINANCIAL IMPLICATION
Should we accept this solution, there is a possible **additional R54,500-00 per month** that we will need in expenditure.
Background:
Homes in gated complexes : 351 of which 206 currently contribute towards the WKRRA. Current fees due are R220 per month.
Stand-alone Homes: 129 of which 61 currently contriibute toards the WKRRA. Current fees due are R330 per month.
TOTAL Homes in Woodrock: 480 of which 267 currently conbtribute (varying amounts – not necessarily the above).
Current average Monthly INCOME: R70,300-00
Current average Monthly EXPENSES: R78,150-00

All Financial details are available monthly on our Website www.woodrock.co.za, including names/addresses of those residents and complexes that do contribute.

We apologise for the late notice of this meeting, but were only able to have confirmation of a venue this week. All residents have been aware of the preliminary negotiations taking place between WKRRA and VumaCam / 24-7 Security, so this meeting comes as no surprise.
We sincerely trust we will see everyone at this VERY IMPORTANT MEETING, so that we can move ahead with plans to better protect our neighbourhood.

Kind regards

Wendy M. Robertson
Director - WKRRA
Woodmead Khyber Rock Residents Association
P.O. Box 2719, Rivonia, 2128
email: info@woodrock.co.za
Facsimile: 086.691.6198
Mobile: 083.700.2401

WOODMEAD & KHYBER ROCK RESIDENTS ASSOCIATION

RESIDENTS MEETING

to consider the installation of CAMERAs in our PUBLIC SPACE

VENUE: **KINGFISHER ROOM (Downstairs), Country Club Johannesburg, WOODMEAD**

TIME/DATE: **Monday 24th June, 2019 at 18.00hrs (Meeting to close by 20.30hrs latest)**

AGENDA

1 **Signing & Completion of Attendance Register upon Entry**

2 **Welcome and Introduction of presenters**

3 **Background to the WKRRA decision to investigate CAMERAS in our Public Space**

4 **Presentation by VumaCam on proposed layout and solutions for varying sites**

5 **Presentation by 24-7 Security on the Monitoring Aspect of the Cameras**

6 **Questions from floor regarding the above.**

7 **Financial Implications relative to WKRRA / fees required from residents.**

8 **Open discussion around finances / questions from floor.**

9 **Decision on way forward – i.e. the ACCEPTANCEE or REJECTION of this Proposal**

10 **GENERAL (time permitting).**

24/7®

SECURITY SERVICES

Personal • Integrated • Effective

PROPOSAL

Johannesburg
PO Box 1229, Highlands North, 2037
8 Philo Road, Wynberg, Sandton, Johannesburg
Tel: 011 444 2237, Fax: 011 444 2238

Tshwane
PO Box 1229, Highlands North, 2037
1024 Pretorius Street, Hatfield, Pretoria
Tel: 012 451 8600, Fax: 012 342 7750

KwaZulu-Natal
PO Box 1229, Highlands North, 2037
Mobeni, Durban
Tel: 0861 247 SEC (732)

info@24-7security.co.za

011 444 2237
www.24-7security.co.za

WHISTLE BLOWERS PRIVATE & CONFIDENTIAL
0800 00 21 26
NETCARE 082 911 SAHR EMERGENCY MEDICAL ASSISTANCE
011 444 2237
www.24-7security.co.za

Khyber Rock Public space monitoring solution Option Two

Camera Point	Overview	LPR/ANPR
Pole 1	1	1
Pole 2	2	1
Pole 3	1	2
Pole 4	2	1
Pole 5	3	0
Pole 6	1	1
Pole 7	2	0
Pole 8	3	1
Total	15	7

24/7 SMART SURVEILLANCE SOLUTION AND BILLING	TOTALS
EVENT BASED & PRO-ACTIVE REMOTE OFF-SITE MONITORING - Event based CCTV monitoring - Pro-active monitoring - Daily system summary report - System management - 15 Overview Camera's - 7 LPR Cameras	R 10 000,00
Subtotal	**R 10 000,00**
VAT 15%	**R 1 500,00**
Total	**R 11 500,00**

Khyber Rock Public space monitoring solution Perimeter

Camera Point	Overview	LPR/ANPR
Pole 1	1	1
Pole 2	2	1
Pole 3	1	2
Pole 4	2	1
Pole 5	3	0
Pole 6	1	1
Pole 7	2	0
Pole 8	3	1
Total	15	7

24/7 SMART SURVEILLANCE SOLUTION AND BILLING	TOTALS
EVENT BASED & PRO-ACTIVE REMOTE OFF-SITE MONITORING - Event based CCTV monitoring - Pro-active monitoring - Daily system summary report - System management - 6 Overview Camera's	R 4 000,00
Subtotal	**R 4 000,00**
VAT 15%	**R 600,00**
Total	**R 4 600,00**

TERMS

All prices are **valid for 30 days after date of quotation.**

A 50% deposit is required with order and the balance of the price will be due on the completion of the installation.

1. Installation C.O.D. on complétion
1. Subject to signing of our standard service agreement
2. Payment monthly in advance
3. Errors & Omissions excluded
4. Client is responsible for electrical reticulation, shelter and ablution
5. Please refer to our company profile for more information on: alarms, armed response, CCTV, electric fencing and security officers
6. Please be advised that should any existing equipment be found faulty, this will be quoted on separately
7. Lightning strike: only once the system is powered up can any further damage be assessed. Damaged/faulty parts will be quoted on separately
8. Please be advised that we reserve the right to inspect/survey the premises before acceptance of the contract, posting of officers or installations
9. 24/7 Security Services reserves the right to perform a credit clearance check on all new, existing and potential clients

On behalf of:

LEE-ROY WYMAN
CCTV OFF-SITE MONITORING SPECIALIST
TEL 011 444 2237
FAX 011 444 2238
MOBILE 081 046 1356
EMAIL lee-royw@24-7security.co.za

ACCEPTANCE:

NAME AND SURNAME OF PERSON ACCEPTING: _____

NAME OF BUSINESS/BODY CORPORATE/OTHER: _____

POSSIBLE COMMENCEMENT DATE: _____

VUMA
CAM

VUMACAM

Khyber Rock- 24/7

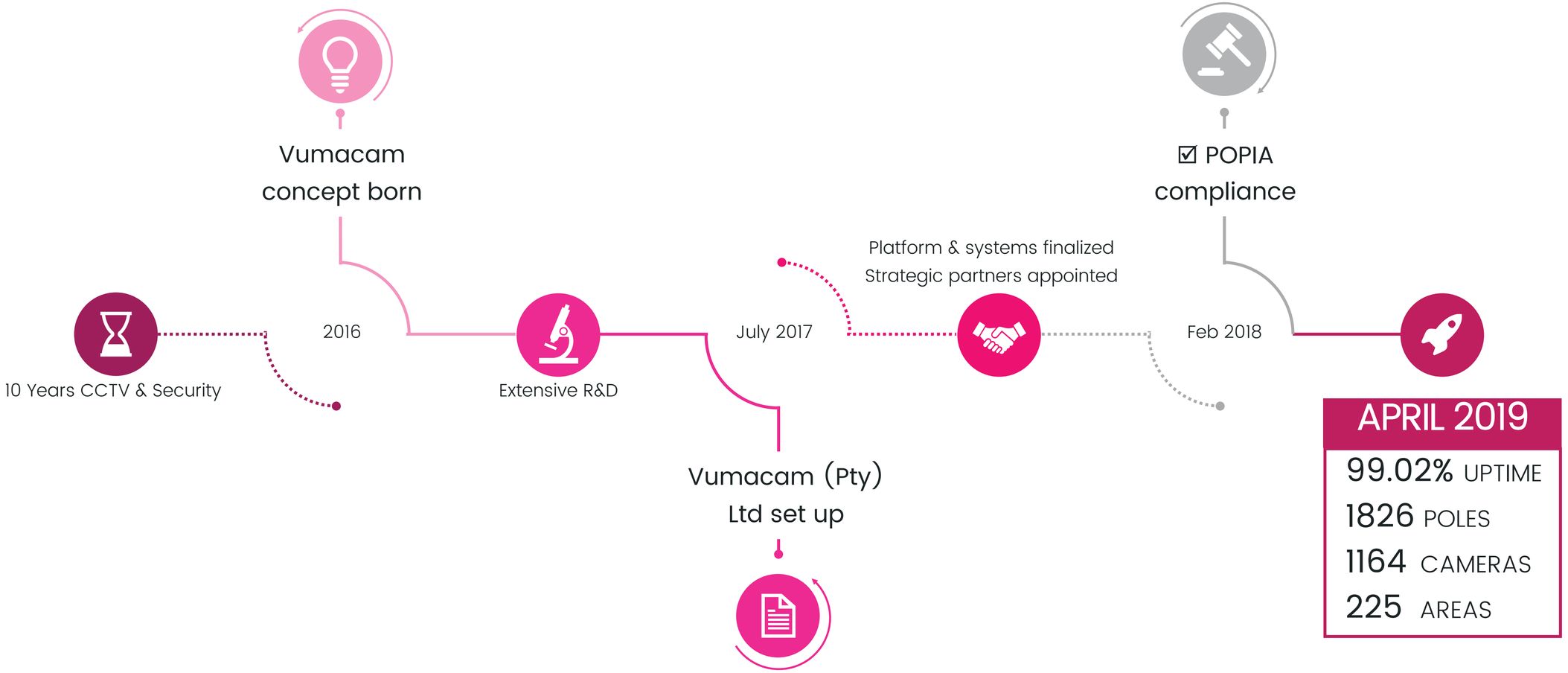
June 2019

What is Vumacam?

Vumacam provides a secure controlled access public space surveillance network for smarter, safer cities.

VUMACAM

our history from the beginning



VUMACAM

benefits

No Capital Outlay

Infrastructure, maintenance, insurance, replacement kit, monitoring, technical environnent, storage, support

Reliable Feed

Consistent reliable feed, monitored for multiple points of failure

Extensive Network Coverage

Reduced ‘blind spots’ of adjacent areas

Secure and Compliant

POPIA and regulatory compliance, secure

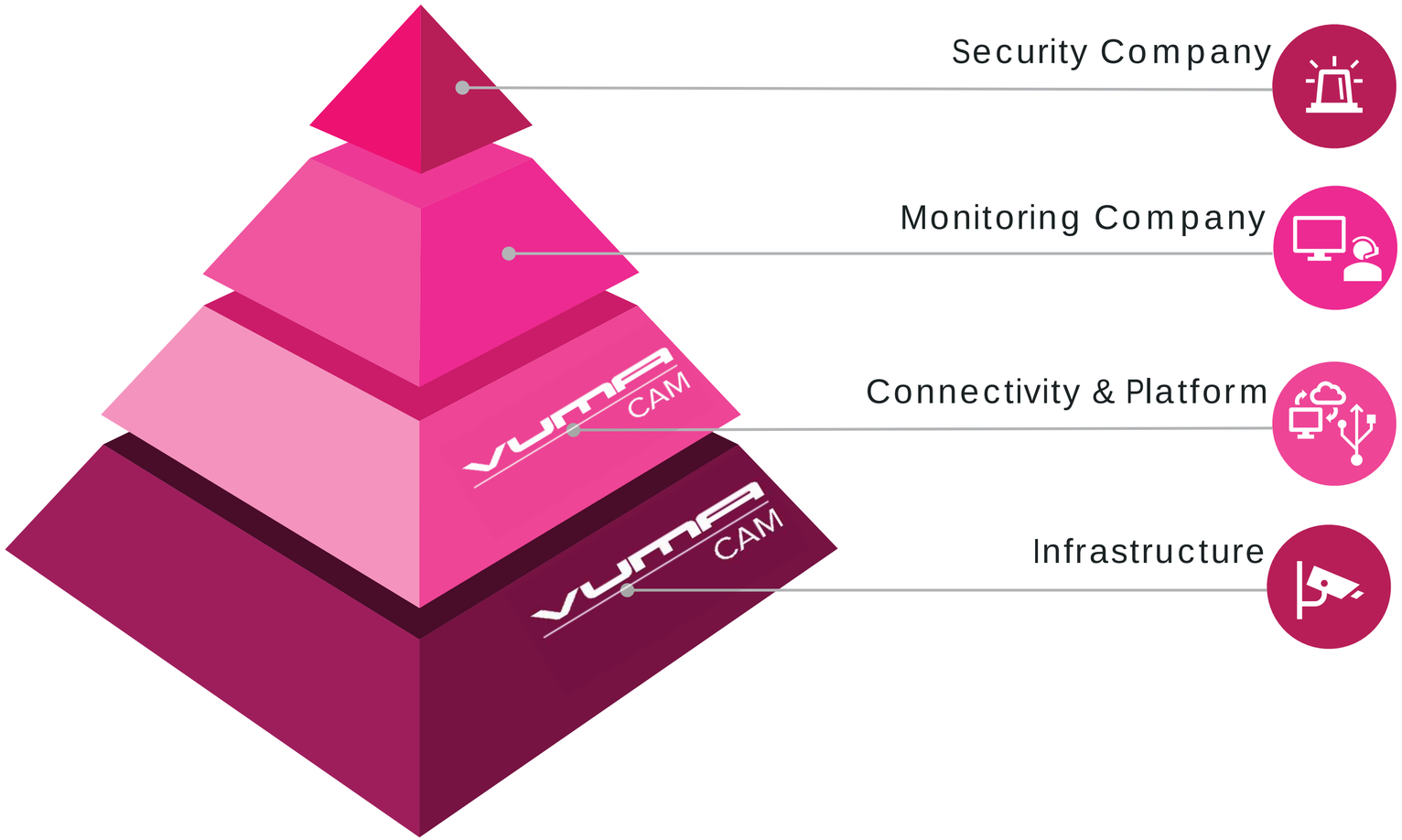
SLA

Service Level Agreement with penalty/credit system

APRIL 2019

VUMACAM

relationships



why vumacam

RESEARCH & DEVELOPMENT

~24 months of determining optimal specifications AND fine tuning model

EXISTING ECONOMIES OF SCALE

Connectivity, Storage, Hardware, Preferential Partners

CONNECTIVITY

Significant savings owing to strategic partners
Fibre connectivity ensuring reliable, consistent feed

STORAGE

Built & owned storage system, built to reduce cost per GB

GRANULAR DETAIL

Considerations of all requirements based on existing client feedback = superior client value, service efficiencies & minimised costs

INTRICATE UNDERSTANDING

Of optimal solution and maintenance cycles
allows ability to provide assistance & support with establishing and maintaining 3rd party relationships

UPTIME SLA

96% Commitment – Current 99.02%

REGULATORY COMPLIANCE

Security, Privacy, Legal Acts carefully considered

VUMACAM

services

WHAT YOU GET	VUMACAM	TRADITIONAL	WHY THIS IS IMPORTANT
Guaranteed camera uptime	Yes, 96% minimum	Normally not monitored	Know when your cameras are down, and trust that they are working when you need them to be
SLA	Yes	No	Know what you are paying for at all times
Reporting on uptime	Yes	No	Know monthly what performance is, and how you are tracking to SLA. Be notified of any downtime so you don't only find out when an incident occurs that the camera is not working
Maintenance and fixes	Included – Strict turnaround times to adhere to 96% SLA uptime. Replacement stock always on hand. Dedicated maintenance teams.	Days or weeks – including extra cost for replacement of faulty equipment	Extra cost involved in repairing/replacing equipment. Time delay in repairing = camera down – ordering extra stock, reconfiguring, resuming service
Insurance	Yes – Included	At your cost	For injuries and replacement kit in a disaster
LPR network	Vast	Access to only your cameras	LPR functionality, integrated with multiple databases, across an extensive network, allowing access to vehicles of interest across the entire network
Storage of Feed	Secure storage in a tier3 datacentre, built specifically for CCTV feed, best price point	Local	Datacentre storage is accessible from any connection is not subject to interference and is secure and not at risk of local disturbance (NVR being stolen, broken)
Consideration for regulatory compliance (privacy, POPIA, impact on ongoing investigations)	Yes	Seldom	Ensures strict compliance and adherence to regulations and privacy concerns
Connectivity to the camera pole	Fibre	Various	Consistent, reliable feed, no interruptions, good bandwidth – ensures efficient throughput and dependable service
Connection redundancy/Firewalls/Security	Yes	?	Compliance and access security, redundant connectivity to data centre
Server and software solutions	Managed and monitored server environment Milestone = world class video management system	Disparate systems	integrates with chosen analytics software all in one view (no need to move from system to system)
Sensor in pole	Yes	?	Know when power is down, when the temperature will impact outcome, when a pole moves = impact view
Battery backup	Yes	?	If power to a pole goes down, buffer to address the issue before feed is lost
Research & Development	Continuous	No	Continually determining optimal specifications AND fine tuning model and solution
Technology upgrades	Included at no extra cost	Extra cost	As technology advances you want your solution to keep up to date, and not have to incur extra cost to keep abreast
Footage Requests	Portal for requests	Manual	Ease and regulatory compliance of retrieval increase efficiency and usability in court
Capital Outlay	No – monthly cost for access to feed	Yes	Do you want to have the headache of raising capital, owning equipment, maintaining kit, ensuring you have extra cash on hand to pay for replacement cost?

VUMACAM

deployment

VUMACAM

rollout

Vumacam is currently deploying infrastructure across Johannesburg to enable to create safer smarter cities by driving collaboration between all stakeholders.

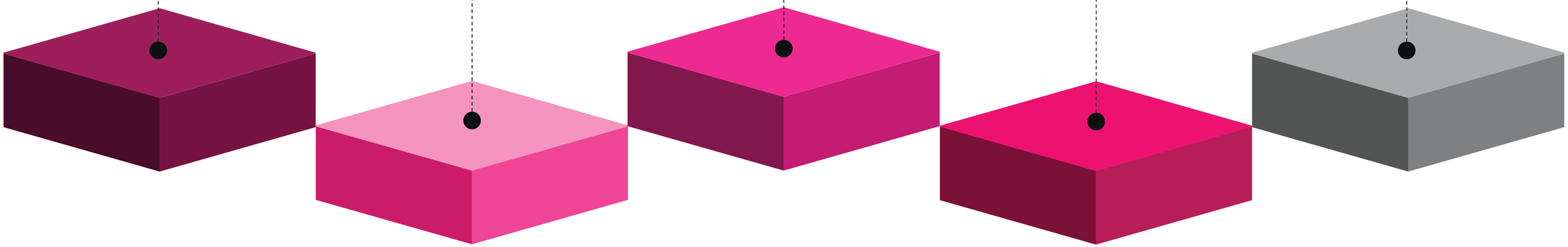
Consulting with security providers

Public engagement

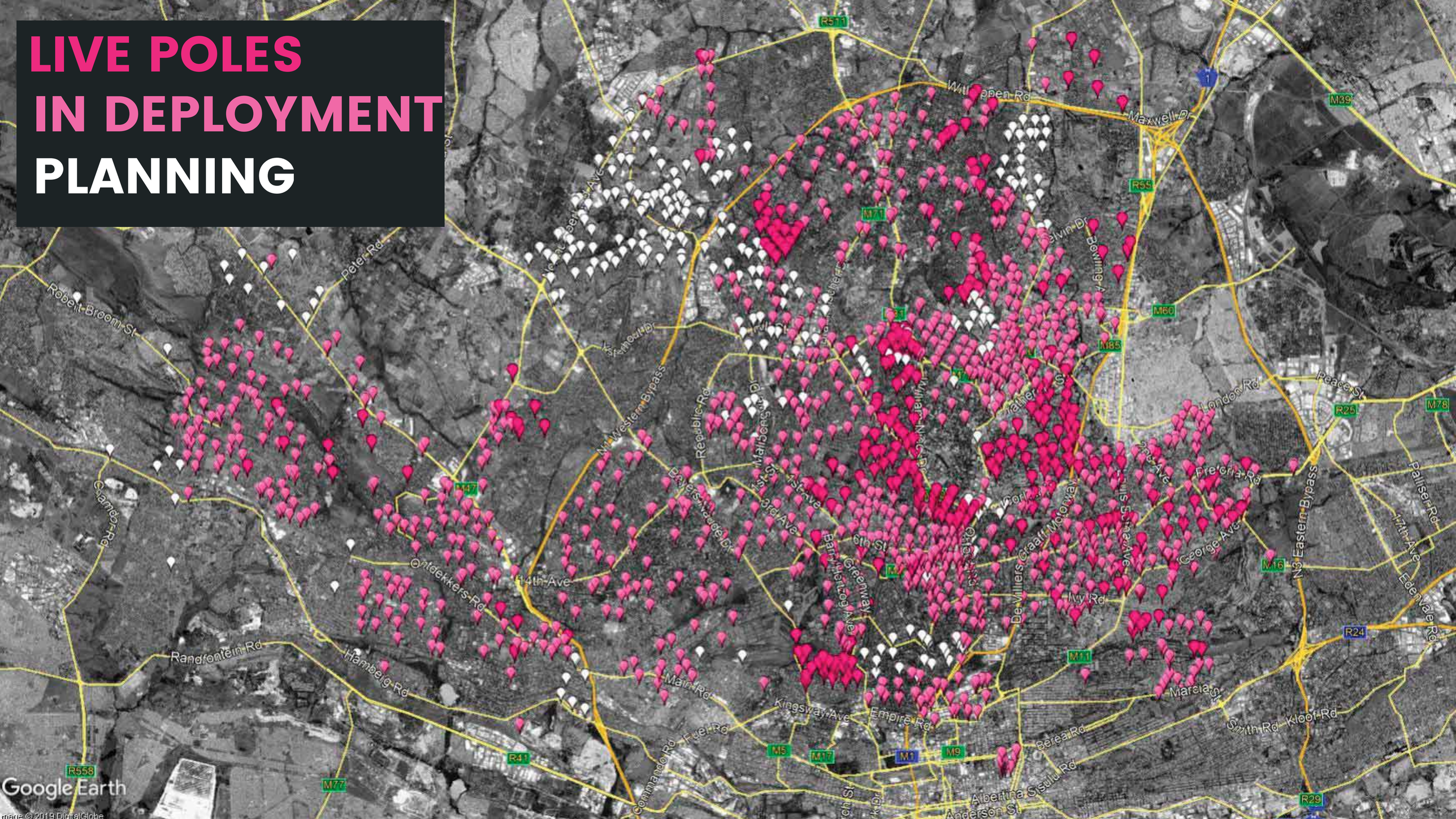
CPF and public office engagement

JRA wayleave application process

Supporting public demands to be safer



LIVE POLES IN DEPLOYMENT PLANNING



VUMACAM

Khyber Rock-proposed solution

Khyber Rock Internal proposed layout

VUMACAM

Commercials

Mapped Solution – 36 Month Contract

15	OVERVIEW CAMERAS
7	STANDARD LPR CAMERAS
0	MULTI CHECK POINT LPR CAMERAS
0	THERMAL CAMERAS
8	POLES
30	DAYS STORAGE
96	% UPTIME SLA COMMITTMENT

R18 920

Per month

Excludes:

- *VAT*
- *Connectivity to Teraco*
- *Analytics*

Costing subject to full Site Survey being conducted and wayleave approval.

Khyber Rock Perimeter proposed layout

VUMACAM

Commercials

Mapped Solution – 36 Month Contract

6	OVERVIEW CAMERAS
2	STANDARD LPR CAMERAS
0	MULTI CHECK POINT LPR CAMERAS
6	THERMAL CAMERAS
5	POLES
30	DAYS STORAGE
96	% UPTIME SLA COMMITTMENT

R24 000

Per month

Excludes:

- *VAT*
- *Connectivity to Teraco*
- *Analytics*

Costing subject to full Site Survey being conducted and wayleave approval.

VUMACAM

standard rate card

VUMACAM

infrastructure & software

VUMACAM

the technology

Vumacam supplies high quality, high availability video management as a service. This is done by:

01 FIBRE

Using a reliable fibre infrastructure network

02 SECURE

Data security by means of making use of a tier-3 datacentre accessed by a secure connection

03 VMS

World leading video management software (Milestone)

04 LPR DBs

Querying multiple databases to identify vehicles of interest from vast network of LPR reads.

05 HARDWARE

High tech, advanced CCTV hardware & platforms

06 R&D

Continuously researching and developing new technology

VUMACAM

camera options

HIKVISION

OVERVIEW

2 MP IR Vari-focal Bullet Network Camera

• 1/2.8" Progressive Scan CMOS
• 1920 × 1080 resolution
• 2.8 to 12 mm focal length
• Powered by Darkfighter
• H.265, H.265+, H.264+, H.264
• 120dB Wide Dynamic Range
• BLC/3D DNR/ROI
• IP67, IK10

HIKVISION

ANPR

2MP ANPR Ultra-Low Light Bullet Camera

• 1/1.8" Progressive Scan CMOS
• 1920 × 1080 @ 60fps
• Ultra-low light
• IR and white light, optional
• Auto-iris, support P-iris (-P)
• Capture rate>99% (certain countries and regions)
• Recognition rate>98% (certain countries and regions)
120dB WDR

HIKVISION

MULTI-CHECKPOINT

2MP Low Light Smart ANPR Unit

• DarkFighter ultra-low light License Plate Recognition* technology • 1 / 1.8" progressive scan CMOS sensor
• Full HD 1080p, up to 25fps
• 120 dB WDR
• Full set of smart features
• Up to 50 m IR range
• Up to 32GB on-board storage
• 3 hanging IR LED lamps

HIKVISION

LONG RANGE THERMAL

Thermal Network Bullet Camera

• Recognition Range: ~250m
• Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD < 40mk (@25°C,F#=1.0)
• Powerful behaviour analysis algorithm: Line crossing, Intrusion, Region Entrance & Exit
• Reliable temperature exception alarm function
• Advanced fire detection algorithm

HIKVISION

SHORT RANGE THERMAL

Thermal Network Bullet Camera

• Recognition Range: ~70m
• Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD < 40mk (@25°C,F#=1.0)
• Powerful behaviour analysis algorithm: Line crossing, Intrusion, Region Entrance & Exit
• Reliable temperature exception alarm function
• Advanced fire detection algorithm

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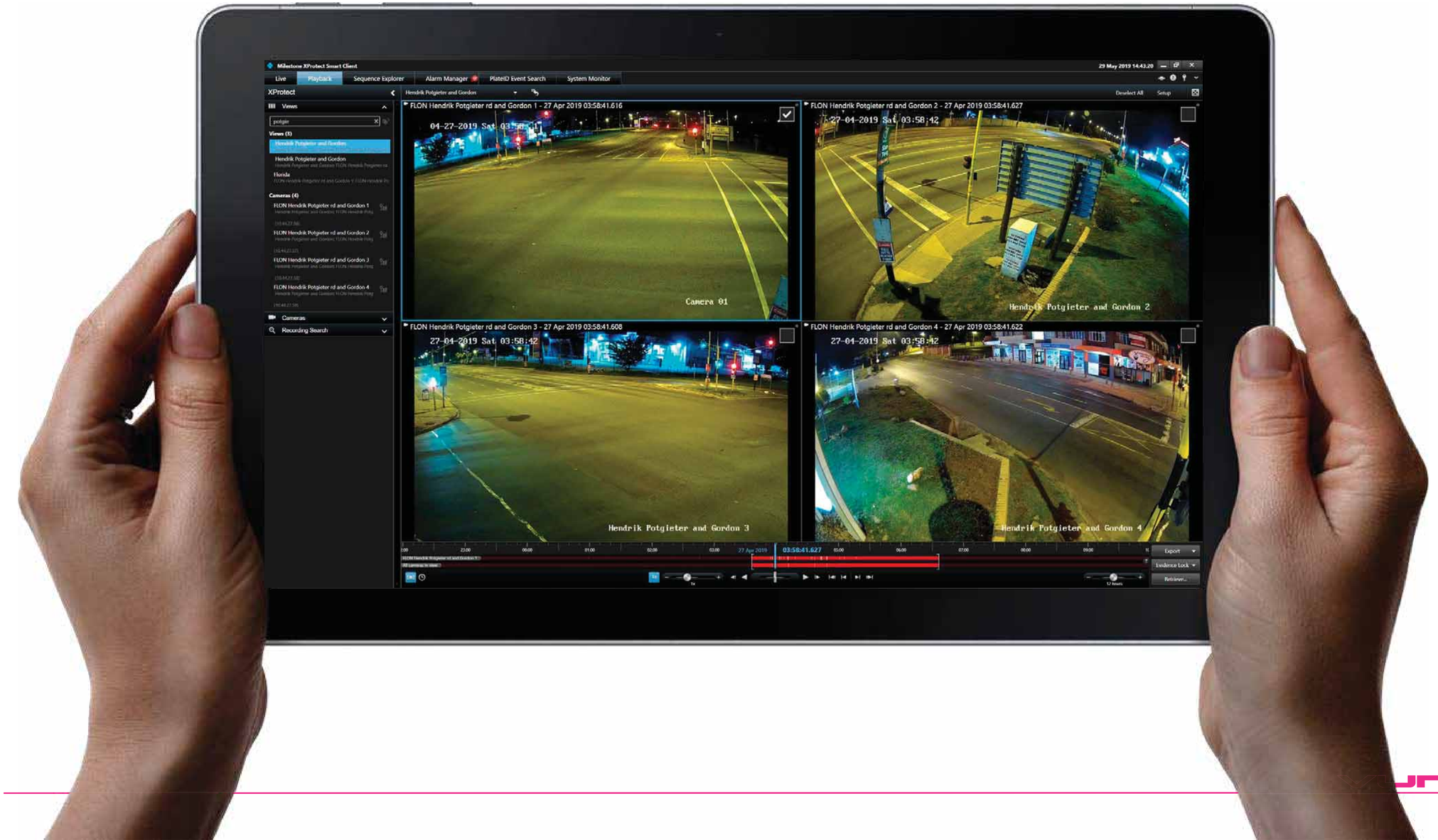
overview camera views



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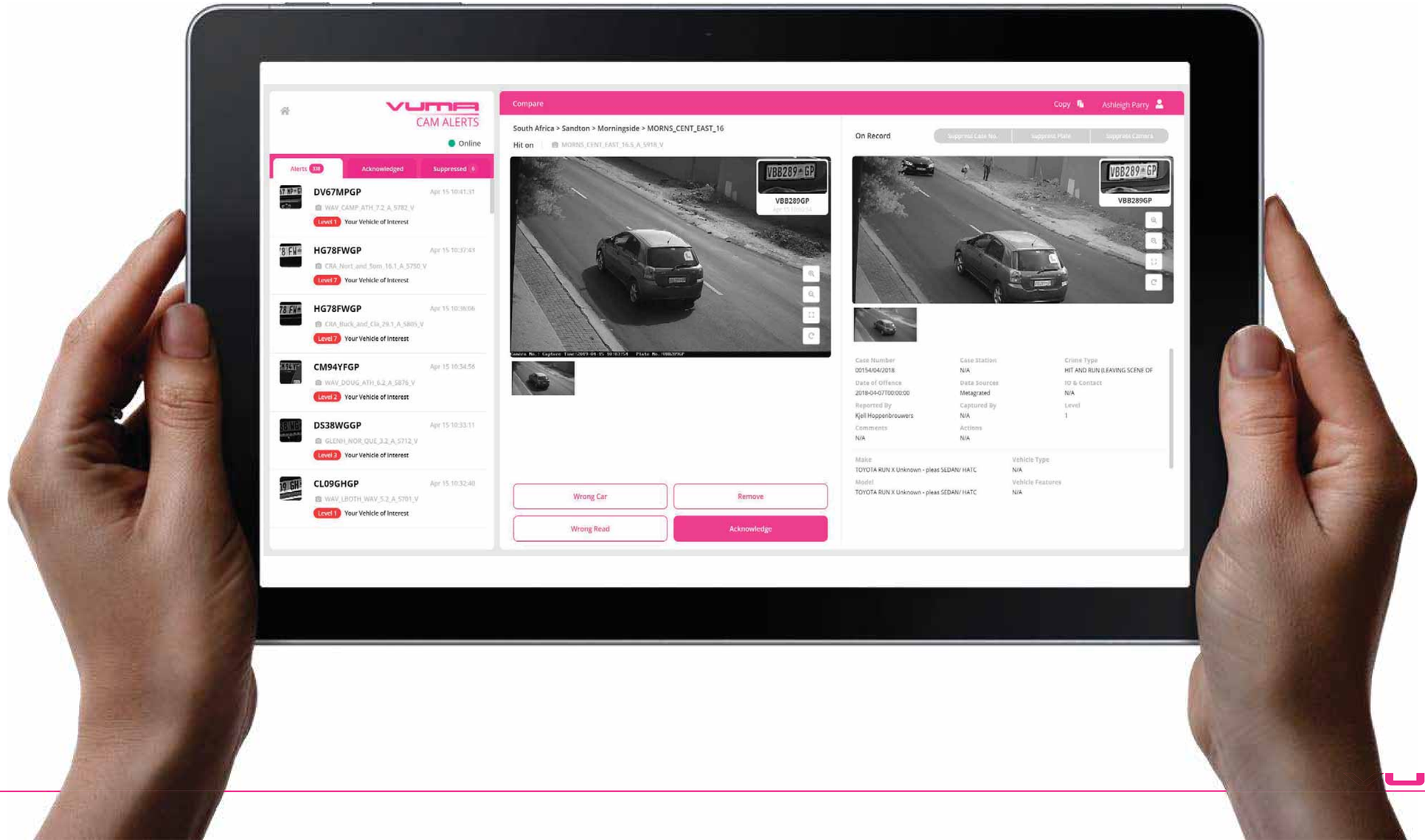
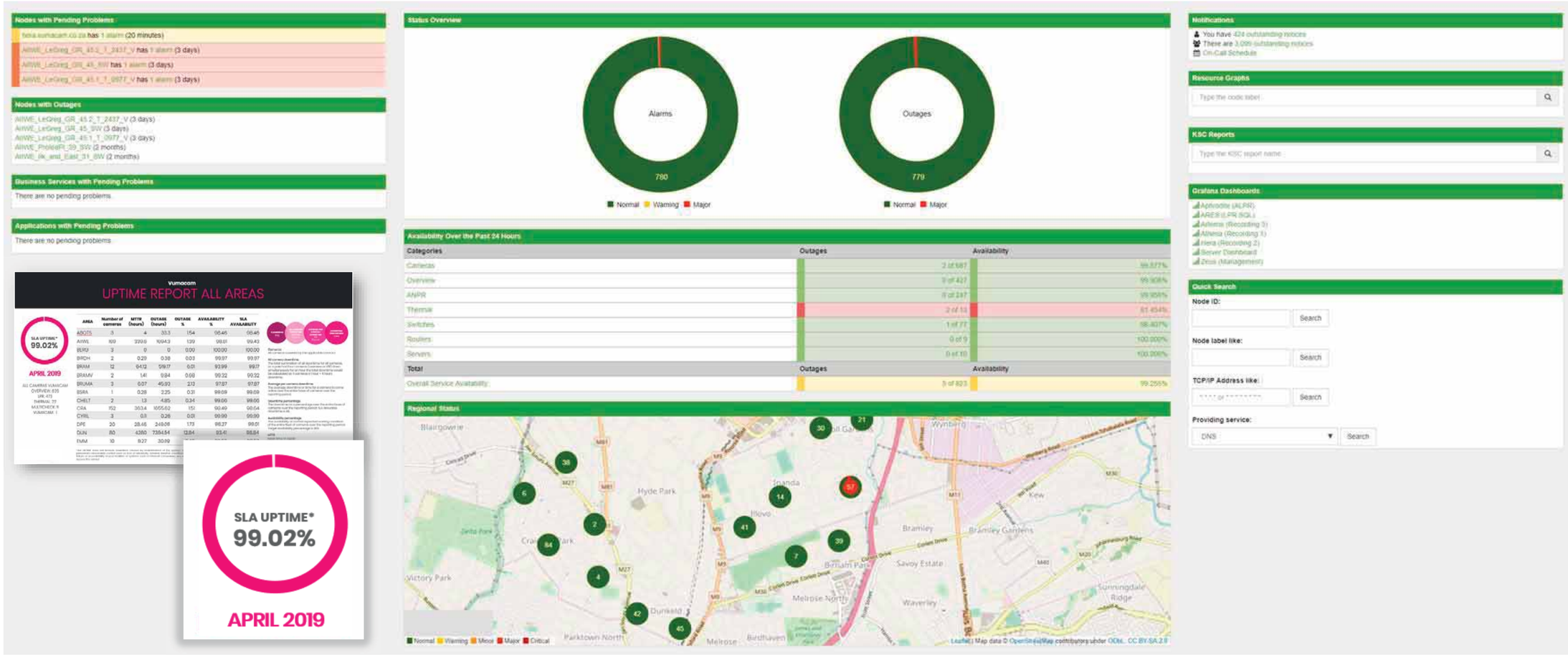
licence plate recognition



VUMACAM

network monitoring dashboard



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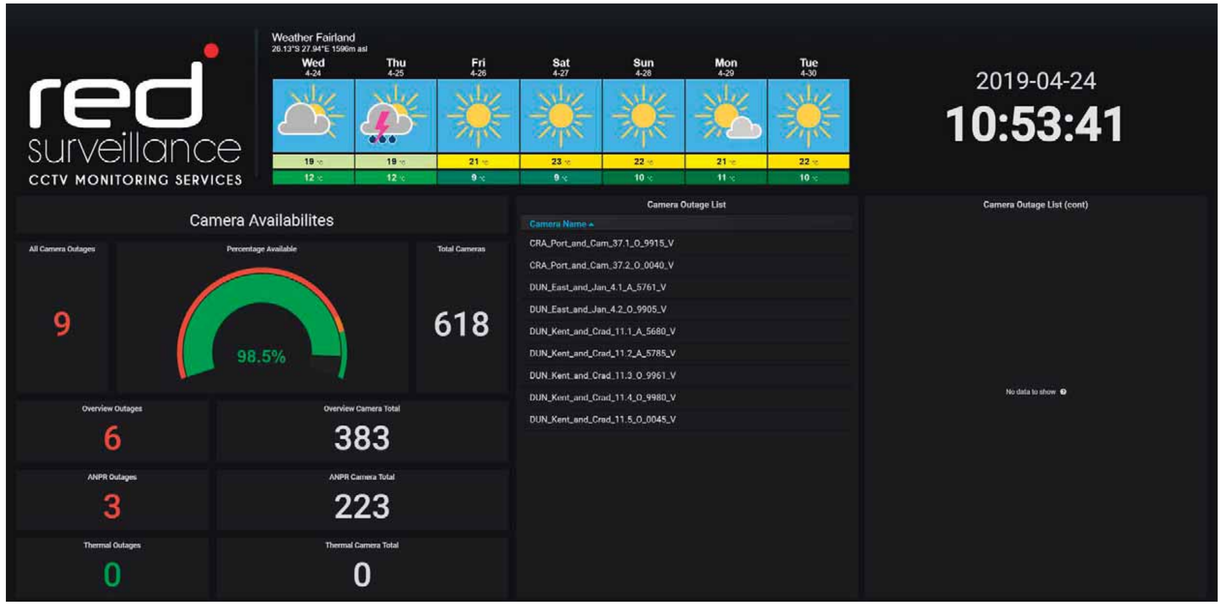
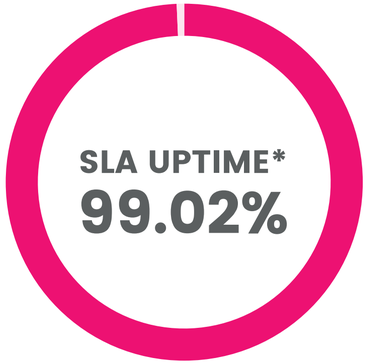
client monitoring dashboard



Vumacam

UPTIME REPORT ALL AREAS

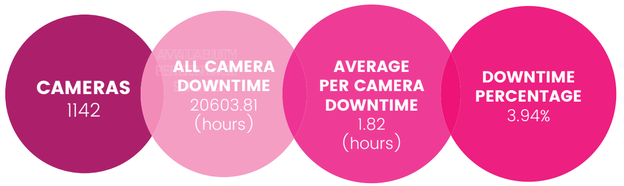


APRIL 2019

ALL CAMERAS VUMACAM
OVERVIEW: 635
LPR: 473
THERMAL: 22
MULTICHECK: 11
VUMACAM: 1

AREA	Number of cameras	MTTR (hours)	OUTAGE (hours)	OUTAGE %	AVAILABILITY %	SLA AVAILABILITY
ABOTS	3	4	33.3	1.54	98.46	98.46
AIIWE	169	339.6	1694.3	1.39	98.61	99.43
BERG	3	0	0	0.00	100.00	100.00
BIRDH	2	0.29	0.38	0.03	99.97	99.97
BRAM	12	64.12	519.17	6.01	93.99	99.17
BRAMV	2	1.41	9.84	0.68	99.32	99.32
BRUMA	3	6.07	45.93	2.13	97.87	97.87
BSRA	1	0.28	2.25	0.31	99.69	99.69
CHELT	2	1.3	4.85	0.34	99.66	99.66
CRA	152	363.4	1655.62	1.51	98.49	98.64
CYRIL	3	0.11	0.26	0.01	99.99	99.99
DPE	20	28.46	249.06	1.73	98.27	99.01
DUN	80	4280	7394.54	12.84	93.41	98.84
EMM	10	9.27	30.99	0.43	99.57	99.57

*SLA UPTIME does not include downtime caused by maintenance of the system; service unavailability caused by events outside our, or our personnel's reasonable control such as loss of electricity, adverse weather conditions, any fibre network outage or vandalism, and excludes the failure or unavailability of your facilities or systems such as internet connectivity, any other service or third-party used by you to use, connect to, or access the service



Cameras
All cameras covered by the applicable contract

All camera downtime
The total summation of all downtime for all cameras. i.e. a pole had four cameras (overview or LPR) down simultaneously for an hour the total downtime would be calculated as 4 cameras x 1 hour = 4 hours downtime.

Average per camera downtime
The average downtime or time for a camera to come online over the entire base of cameras over the reporting period.

Downtime percentage
The downtime as a percentage over the entire base of cameras over the reporting period. SLA allowable downtime is 4%.

Availability percentage
The availability or normal expected working condition of the entire fleet of cameras over the reporting period. Target availability percentage is 96%

MTTR
Mean time to repair

VUMACAM

Contact

VUMACAM (PTY) LTD
312 Kent Avenue, Randburg
2194, Gauteng, South Africa

Eitan Ash
082 824 9560
Eitan@vumacam.co.za

VUMACAM

acceptance

I hereby confirm acceptance and agreement of the Proposal:
Khyber Rock- 04.06.2019
and the content contained therein

By signing this document, I certify that I am duly authorised to make representation on behalf of the Company/Client
I certify that the information provided below is, to the best to my knowledge and belief, true, accurate and complete

Acceptance	
Signature	
Name	
Job Title	
Date	