

## Woodrock Newsletter – July 2019

Dear Woodrocker

As a follow-up to the 'Camera Meeting' which we held at CCJ on Monday 24<sup>th</sup> June 2019 we have further negotiated with VumaCam and 24/7 Monitoring so that the 'Camera solution' can be phased in to allow for an easier Financial approach and also allow us to evaluate the feasibility of continuing along this camera / electronic route.

We have now broken this down into **FIVE Phases**:

- 1) Licence Recognition Cameras at both boom entries and exits plus a few Overview cameras to be able to readily track any suspicious vehicles.
- 2) Thermal Cameras along the SANRAL / HIGHWAY / Packard Street boundary.
- 3) Thermal Cameras along the CCJ / Hillman Street boundary.
- 4) Overview cameras at intersections within the internal spaces of both Woodmead & Khyber Rock (corners & intersections along Chrysler, Singer, Packard, Barbet, Heide, Suring, GolfView).
- 5) Thermal cameras along the CCJ / Complexes boundary (Khyber Court / Onyx / Garnet / Topaz / Khyber Rock Village / The Boulders / The Pass + relative Plymouth street residences).

The prices for the remaining Phases were all contained in the overall proposal of 24<sup>th</sup> June but shall be re-negotiated when / if we decide to go with these in the future.

### **Phase One:**

#### **VumaCam proposal:**

This will consist of 4 Poles . . . . . Lincoln boom + Riley boom + Plymouth/Hillman corner + Plymouth/Lincoln intersection.

We will have 2x Multi Check point Licence Recognition cameras as well as 9x Overview cameras.

The 4 poles will house the following:

- One MULTI-CHECKPOINT LPR camera at each boom area – recording both incoming and outgoing motor vehicle registration plates.  
These work extremely well no matter what lighting is supplied and can handle slow and/or fast moving traffic.
- 2 Overview cameras at each boom area – facing inwards and outwards and also covering the actual boom area itself.
- 2 Overview cameras at the Plymouth / Hillman corner – facing up Plymouth and down Hillman - monitoring where suspicious vehicles are travelling within the suburb.
- 3 Overview cameras at the Plymouth / Lincoln intersection – facing down Plymouth and both up and down Lincoln – monitoring where suspicious vehicles are headed within the suburb.
- 30 day storage of all recordings.
- Commitment to 96% uptime of all cameras.
- 12 month contract (as opposed to previous 36 months).
- **Total cost of R9660 per month, excluding VAT.**

VumaCam will liaise with relative persons on supply of power, fibre, etc.

WKRRRA will need to Insure these cameras – we are still negotiating price with our current Broker.

#### **24/7 Monitoring proposal:**

Smart Surveillance 'Event-based' CCTV monitoring.

- Surveillance of 9 Overview cameras = **R4500** per month.
- Surveillance of 2 Licence Plate Recognition cameras = **R1600** per month.
- 12 hour turn-around on response and 5-7 days turnaround for repair (loan equipment to be supplied in interim).
- **Total cost of R6100 per month, excluding VAT.**

Once-off set-up costs = **R2600** and the above also based on a 12 month contract.

**PHASE ONE - BASIC MONTHLY COSTS:      R9,660 + R4,500 = R14,160 + 15% VAT = R16,284**

Obviously we need to get in extra funding for this as we are currently not covering our expenses. In Woodrock 69% of the residents contribute towards the Maintenance of the area and the Public Space security.

WKRRRA shall continue to appeal to those who do not contribute to come on board, but none-the-less we have to increase our fees to meet our developing needs.

I believe that the stand-alone homes should increase their contribution to R400 per month (R70 increase), and the Complexes pay R250 a month – which is a mere R30 p.m. additional.

We appeal to EVERYONE to contribute financially, and to approach us directly at [info@woodrock.co.za](mailto:info@woodrock.co.za) if one needs to negotiate a 'special offer' due to personal circumstances.

Finally, as instructed by the majority of residents at the Monday meeting of 24<sup>th</sup> June, the What's App Groups have been corrected to now only hold those residents who are contributing to the WKRRRA.

In addition, 'WKRRRA Membership' boards have been ordered and received and shall be distributed to those contributing members from next week on.

Owen Gwangwa, Manager 24/7, shall be arranging to affix the boards to the perimeter walls of the contributing members – contact him on 083.235.8340 with any queries.

**Please revert via email with your ACCEPTANCE or REJECTION of this PHASE ONE of the Camera Project.**

Please also feel free to comment on ways and means of increasing our monthly financial income so that we can adequately meet our expenses.

History shows an increase in July 2016 – followed by a 10% increase in March 2018.

We have not had annual increases even though our suppliers all subscribe to same – is this something that should be done in the future ?



24/7 Monitoring -  
Woodmead Khy...



VUMA-CAM  
Khyber Rock, 24...



Cash Book  
Website Jul.1.pdf



WKRRRA  
Contributions Jul...

Kind regards

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

<b>SUMMARY OF CONTRIBUTERS AS AT JULY 2019</b>						
Chrysler (20)	11	Annapurna	38		1	
Hillman (21)	13	Bernardino	42	WKRRRA	42	
Lincoln (39)	23	Boulders	14	WKRRRA	10	not 6 + 10
Packard (11)	6	Forest Lea	10	WKRRRA	10	
Plymouth (17)	11	Garnet	17	WKRRRA	17	
Singer (17)	7	KRE.N	12	WKRRRA	12	
Suring (3)	3	KRE.S	12		0	
Wolsley (2)	2	KRE.E	12	WKRRRA	12	
<b>Total stand-alone houses (131)</b>	<b>62</b>	KRE.W	12	WKRRRA	12	
		Khyber Court	38	WKRRRA	36	
<b>Total Homes in Complexes (351)</b>	<b>271</b>	Khyber Fountains	13	WKRRRA	13	
		Khyber Rock Village	18	WKRRRA	11	
		Khyber Royale	21	WKRRRA	4	
<b>TOTAL HOUSEHOLDS (482) - those that pay</b>	<b>333</b>	Onyx	7	WKRRRA	7	
		Paddock - apartments (Body Corp)	32	WKRRRA	32	
		Paddock - houses (Cluster - HOA)	19	WKRRRA	19	
		Pass	13	WKRRRA	13	
		Rockleigh	14	WKRRRA	13	
		Topaz	7	WKRRRA	7	
		<b>Total gated residences</b>	<b>351</b>		<b>271</b>	



**Contributions Received**

Amount outstanding or no payment received  
 Not on board prior

Surname and Initials	Street / Complex	No	Mar	Apr	May	Jun	Jul	Year to Date
Day John	Hillman	13	330.00	330.00	330.00	330.00	330.00	1,650.00
Lamberti Hayden	Hillman	15	330.00	330.00	330.00	330.00	330.00	1,650.00
Lambert-Porter George	Hillman	17	330.00	330.00	330.00	330.00	330.00	1,650.00
Evans Patrick	Khyber Court	20	100.00	100.00	100.00	100.00	100.00	500.00
<b>Khyber Court (38 units)</b>	<b>Khyber Court</b>		<b>3,500.00</b>	<b>7,000.00</b>	<b>Paid</b>	<b>3,400.00</b>	<b>3,400.00</b>	17,300.00
<b>Khyber Fountains (14 units)</b>	<b>Khyber Fountains</b>		<b>2,800.00</b>	<b>2,800.00</b>	<b>2,800.00</b>	<b>2,800.00</b>	<b>2,800.00</b>	14,000.00
Klerck Sue	Khyber Rock Village	1	330.00	330.00	330.00	330.00	330.00	1,650.00
Von Ruben Tandi	Khyber Rock Village	2				220.00		220.00
du Plessis (S J) Fanie	Khyber Rock Village	4	330.00	330.00	330.00	330.00	330.00	1,650.00
Steinhuis Rolf	Khyber Rock Village	5	Paid	Paid	Paid	1,000.00	1,640.00	2,640.00
Agnew B / Prentice J	Khyber Rock Village	8	330.00	330.00	330.00	330.00	330.00	1,650.00
Bennett - Miles	Khyber Rock Village	9	330.00	330.00	330.00	330.00	330.00	1,650.00
Boorman D R E / Morgan	Khyber Rock Village	10	330.00	330.00	330.00	330.00	330.00	1,650.00
Bartram Jo	Khyber Rock Village	11	330.00	330.00	330.00	330.00	330.00	1,650.00
Bartram Rob	Khyber Rock Village	11	220.00	220.00	220.00	220.00	220.00	1,100.00
Barry Wendi	Khyber Rock Village	12	330.00	330.00	330.00	330.00	330.00	1,650.00
Gurry Neville	Khyber Rock Village	13	Paid	Paid	Paid	2,500.00	Paid	2,500.00
Gallagher Judy & Pat	Khyber Rock Village	14	200.00	200.00	200.00	200.00	200.00	1,000.00
Girdwood Rob & Di	Khyber Rock Village	16	Paid	Paid	Paid	1,320.00	330.00	1,650.00
Lord Tim	Khyber Rock Village	17	330.00	330.00	330.00	330.00	330.00	1,650.00
Nash Paul	Khyber Rock Village	18	330.00	330.00	330.00	330.00	330.00	1,650.00
Arthur Margaret	Khyber Royale	1	330.00	330.00	330.00	330.00	330.00	1,650.00
Du Preez Wesley	Khyber Royale	4	300.00	300.00	300.00	300.00		1,200.00
Fentie Brad & Nicole	Khyber Royale	5	220.00	220.00	220.00			660.00
Morrell John (special agreement)	Khyber Royale	34	150.00	150.00	150.00	150.00	150.00	750.00
Barrow Terri	KRE.E	6	200.00	now KREE	now KREE	now KREE	now KREE	200.00
Barrow Terri	KRE.E	11	200.00	now KREE	now KREE	now KREE	now KREE	200.00

**Contributions Received**

Amount outstanding or no payment received  
 Not on board prior

Surname and Initials	Street / Complex	No	Mar	Apr	May	Jun	Jul	Year to Date
<b>Khyber Rock Est.East (12 units)</b>	<b>KRE.E (Apex)</b>		<b>Paid</b>	<b>Paid</b>	<b>9,600.00</b>	<b>2,400.00</b>	<b>Paid</b>	12,000.00
<b>Khyber Rock Est.North (12 units)</b>	<b>KRE.N (Everest)</b>		<b>2,400.00</b>	<b>2,400.00</b>	<b>2,400.00</b>	<b>2,400.00</b>	<b>2,400.00</b>	12,000.00
Rayner John	KRE.S	6				200.00	200.00	400.00
<b>Khyber Rock Est.West(12 units)</b>	<b>KRE.W (Andes)</b>		<b>2,400.00</b>	<b>2,400.00</b>	<b>4,800.00</b>	<b>6,480.00</b>	<b>Paid</b>	16,080.00
Hooper / Logan (special agreement)	Lincoln	17	100.00		100.00	100.00	100.00	400.00
Barrow Andrew & Mel	Lincoln	18	330.00	330.00	330.00	330.00		1,320.00
Fitzhenry Anthony	Lincoln	22	330.00	330.00	330.00	330.00	330.00	1,650.00
Chalumbira Isaac	Lincoln	24	330.00	330.00	330.00	330.00	330.00	1,650.00
Chalumbira Isaac	Lincoln	24					2,000.00	2,000.00
Zluhan Lothar	Lincoln	26	330.00	330.00	330.00	330.00		1,320.00
Rael-Del-Sarte Marjan	Lincoln	27	330.00	330.00	330.00	330.00	330.00	1,650.00
Spark Ellis	Lincoln	31	330.00	330.00	330.00	330.00		1,320.00
Briggs Jocelyn	Lincoln	33	Paid	330.00	660.00	Paid	330.00	1,320.00
Knight Fiona	Lincoln	34	350.00	350.00	350.00	350.00	350.00	1,750.00
Mokhare Tumi	Lincoln	38	Paid	Paid	Paid	Paid	4,000.00	4,000.00
Scrivens Mark	Lincoln	40	220.00	220.00	220.00	220.00		880.00
Barrow Brian H	Lincoln	41	330.00	330.00	330.00	330.00	330.00	1,650.00
Callaway Greg	Lincoln	42					330.00	330.00
Nicolaus Ingrid	Lincoln	42	Paid	3,600.00	Paid	Paid	Paid	3,600.00
Meldau Stella	Lincoln	45	330.00	330.00	330.00	330.00		1,320.00
Gaizley Jayson	Lincoln	46	330.00	330.00	330.00	330.00	330.00	1,650.00
Sehoole Ignatius	Lincoln	49			220.00	220.00	220.00	660.00
Hinson Jacob	Lincoln	52	300.00	300.00	300.00	750.00	330.00	1,980.00
Kabi Vusi	Lincoln	34a	330.00	330.00	330.00	330.00	330.00	1,650.00
Horn Tian	Lincoln	39a	330.00	330.00	330.00	330.00	330.00	1,650.00
Vilakazi Leanda	Lincoln	43	330.00	330.00	330.00	330.00	330.00	1,650.00
Miller Jenny (special agreement)	Lincoln	50	200.00	400.00	Paid	200.00	200.00	1,000.00









TO: Wendy Robertson  
 FOR: Internal solution  
 TEL/MOBILE: 0837002401  
 EMAIL: [info@woodrock.co.za](mailto:info@woodrock.co.za)  
 CONSULTANT: Anthony Klein

**INTERNET CONNECTIVITY (TO BE SUPPLIED BY CLIENT)**

**Quantity**

**Total**

**SMART SURVEILLANCE EVENT-BASED CCTV SOLUTION 12 - MONTHS**

Supply and install of strategically placed intelligent detection cameras		
Supply and install of pro-active audio system in static locations		
Integration of internal detection devices		
Smart detection recorder and transmitter		
Proposal excludes power reticulation		
Overview CCTV cameras	9	R4 500,00
License plate recognition	2	R1 600,00
Once off Setup Cost	4	R2 600,00

**SMART SURVEILLANCE EQUIPMENT EVENT-BASED CCTV SOLUTION 36 - MONTH SOLUTION**

**Capex Incl Vat**

**Opex**

Supply and install of strategically placed intelligent detection cameras		
Supply and install of pro-active audio system in static locations		
Integration of internal detection devices		
Smart detection recorder and transmitter		
Proposal excludes power reticulation		R0,00

**SMART SURVEILLANCE EQUIPMENT MAINTENANCE /SLA**

12 hour working hour turn around period in relation to site attendance from fault reported (excluding weekends). Equipment failure: Five to seven working days to repair equipment (a loan unit on site will be provided if possible). Hikvision Dahua CCTV has a 3-year warrantee. Client must ensure that all technology installed is insured in relation to acts of GOD, power surges and theft. All major damage to the CCTV exceeding R1000-00 will be quoted before repaired. A maximum of four (6) call outs per month - thereafter each call with be at a standard call out rate charged at R550,00 per call out quarterly preventive system health check to test of the equipment 12 Working hours to repair from site attendance and if required client authorisation In the event that a fault has been caused by a third part intervention a call out fee will be charged for the response and rectification of such fault Insurance excess will be payable by the client in the event that the system is damaged due to electrical serge or reticulation		R0,00
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**EXCLUSIONS:**

- Internet connectivity
- Power reticulation

**Sub Total**

**R7 100,00**

**Vat 15%**

**R1 065,00**

**Total**

**R8 165,00**

VUNFA



CAM

VUMACAM

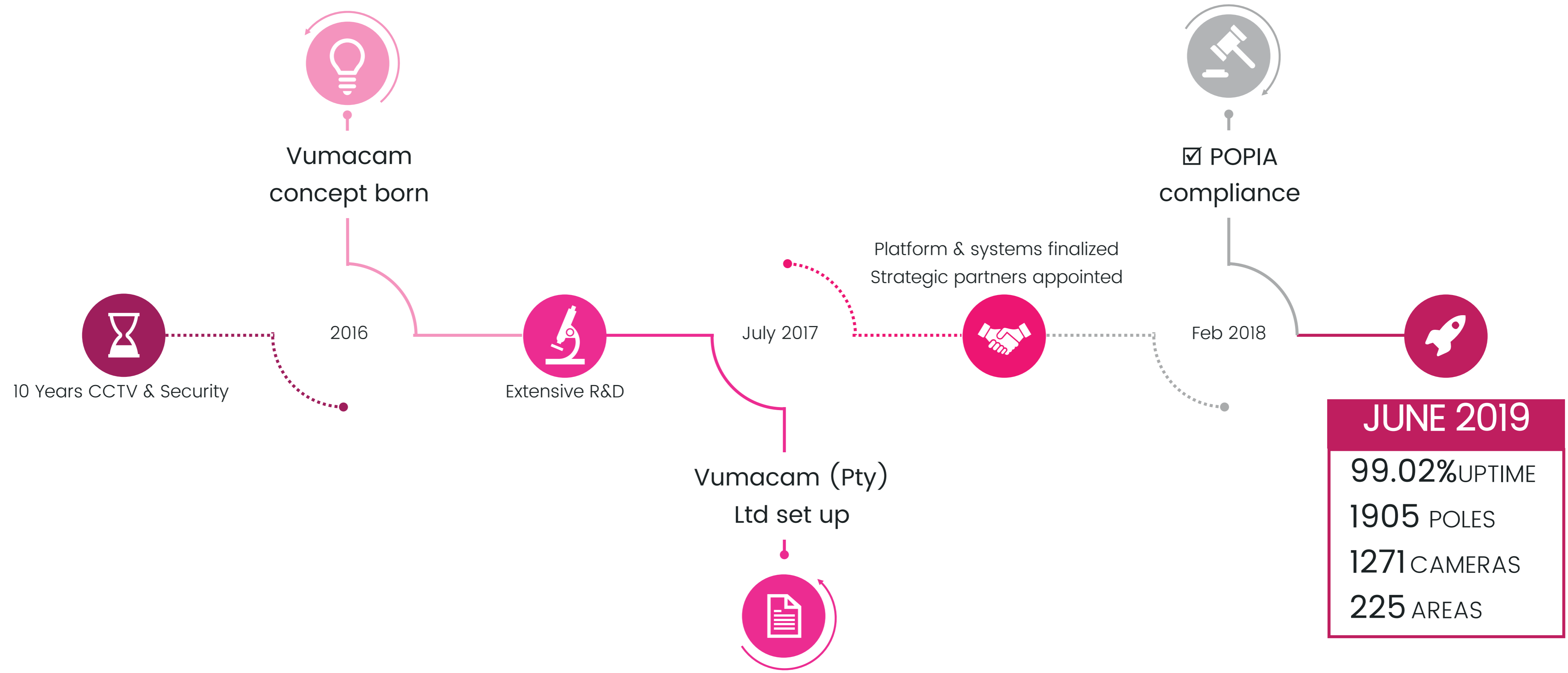
# Khyber Rock- 24/7

JULY 2019

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

# VUMACAM our journey

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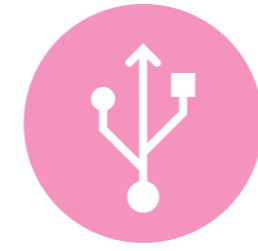


# VUMACAM benefits



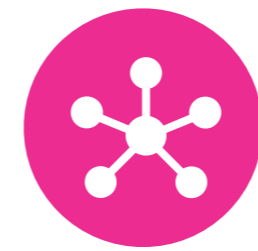
## No Capital Outlay

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



## Reliable Feed

Consistent reliable feed, monitored for multiple points of failure



## Extensive Network Coverage

Reduced 'blind spots' of adjacent areas



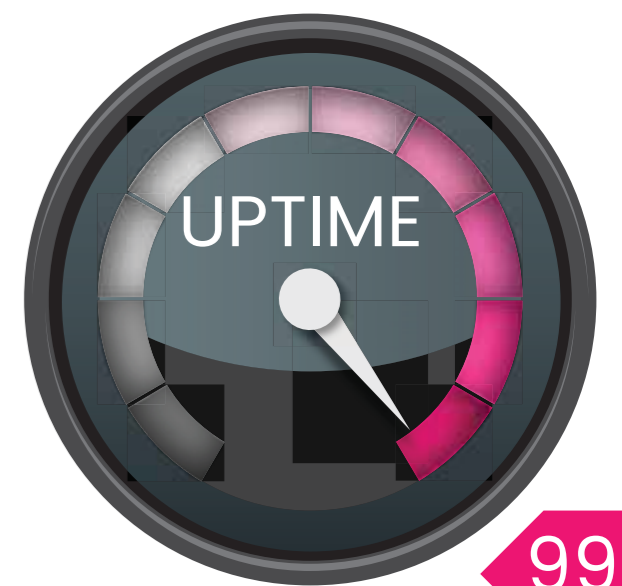
## Secure and Compliant

POPIA and regulatory compliance, secure



## SLA

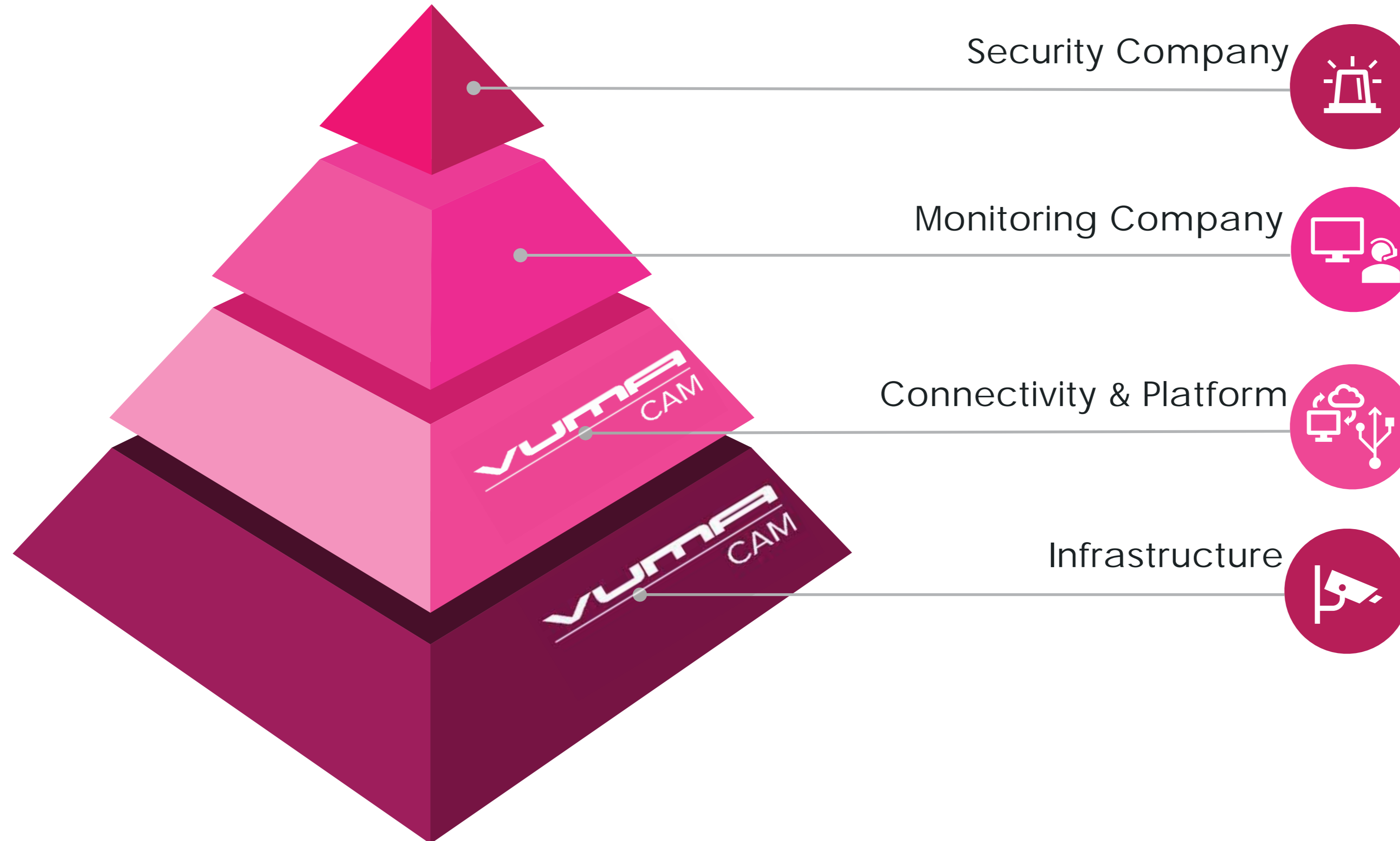
Service Level Agreement with penalty/credit system



99.02%

JUNE 2019

# VUMACAM relationships



# why vumacam



## RESEARCH & DEVELOPMENT

Years 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



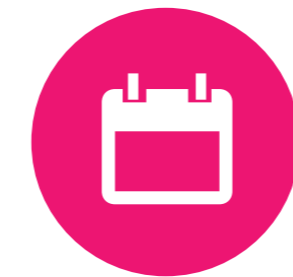
## STORAGE

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 3<sup>rd</sup> 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?

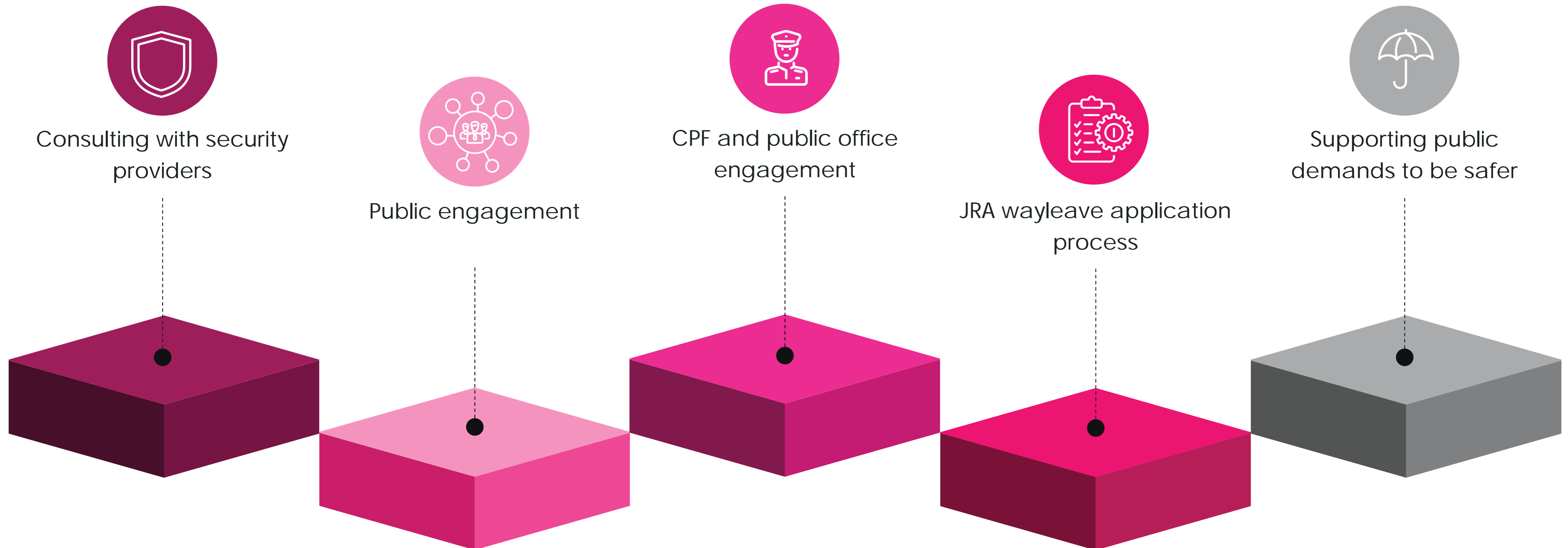
VUMACAM

**deployment**

# VUMACAM rollout

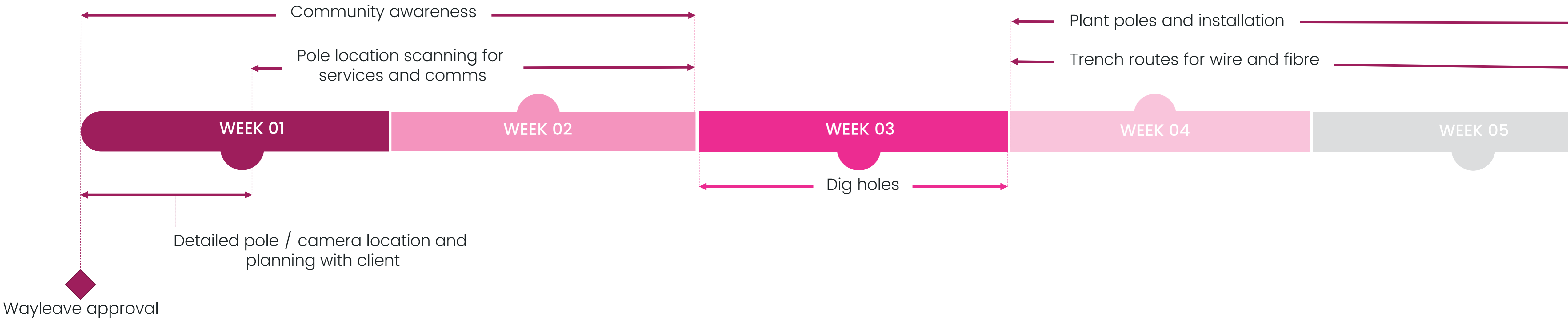


**Vumacam is currently deploying infrastructure across Johannesburg to enable safer, smarter cities by driving collaboration between all stakeholders.**



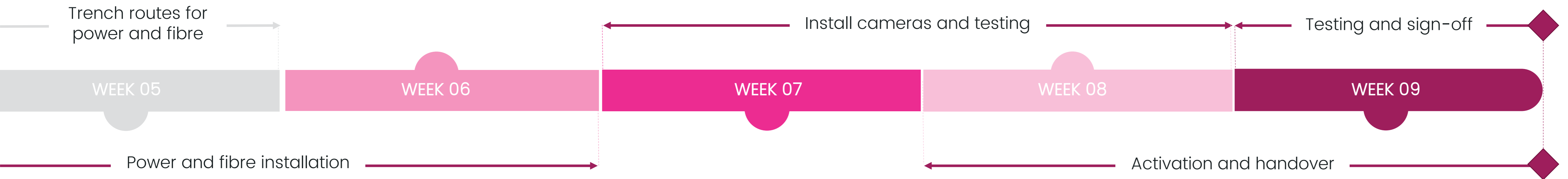
VUMACAM

# standard deployment timeline



\* Timeline subject to wayleave application, site survey, underground services and solution complexity

# standard deployment timeline (ctd.)



\* Timeline subject to wayleave application, site survey, underground services and solution complexity



-  LIVE POLES
-  IN DEPLOYMENT
-  PLANNING

Fourways

Woodmead

Krugersdorp

We've got you covered

Linksfield

Roodepoort

Braamfontein



VUMACAM

**proposed solution**



# Khyber Rock proposed layout

VUMACAM

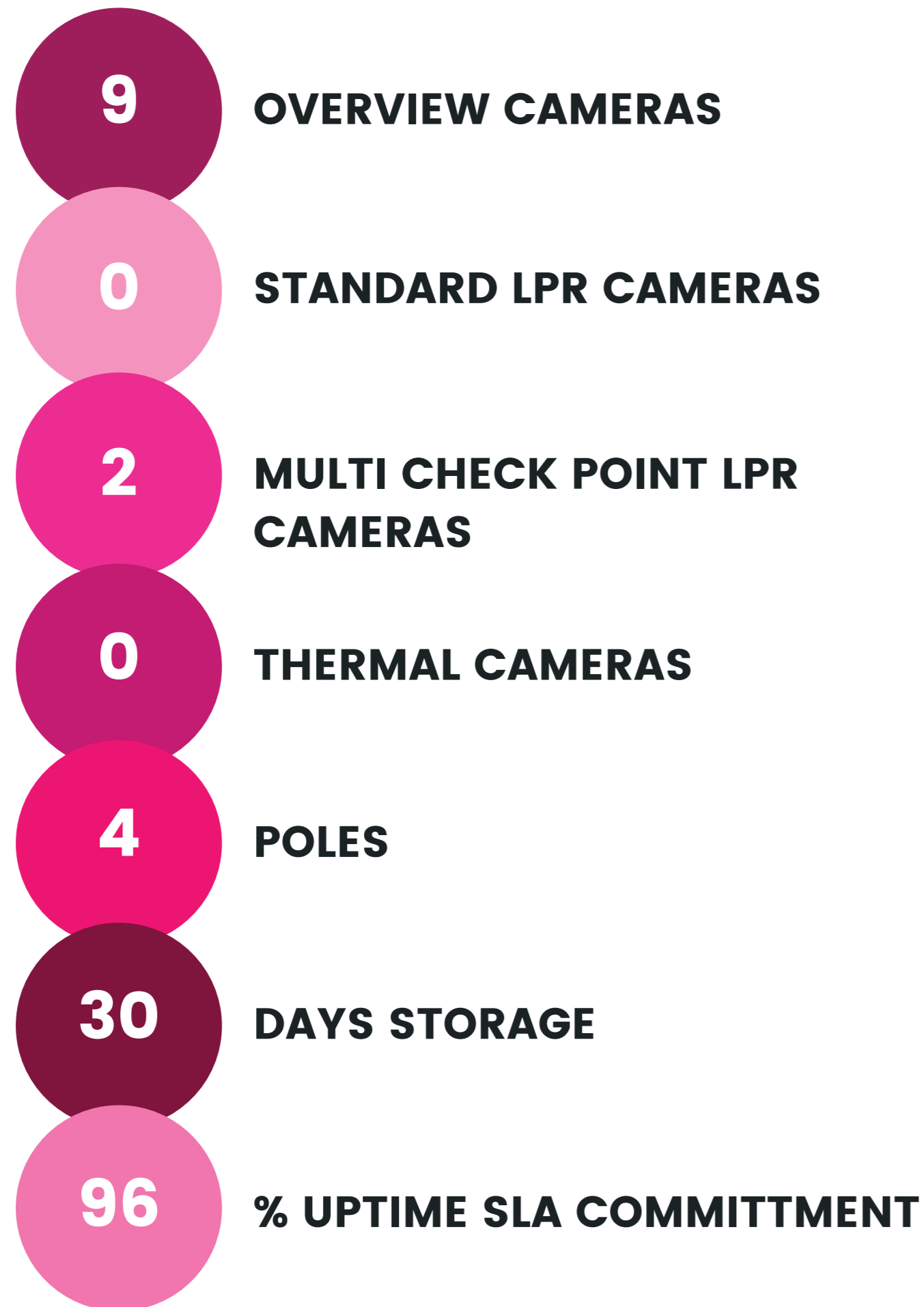




# commercial overview



Mapped Solution – 12 Month Contract



# R9 660

Per month

Excludes:

- VAT
- Connectivity to Teraco
- Analytics
- Control Room Monitoring

Costing subject to full site survey being conducted and wayleave approval.

VUMACAM

**infrastructure & software**

VUMACAM

# the technology

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



# VUMACAM camera options



## 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



## STANDARD LPR

### 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



## MULTI-LANE LPR

### 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



## 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



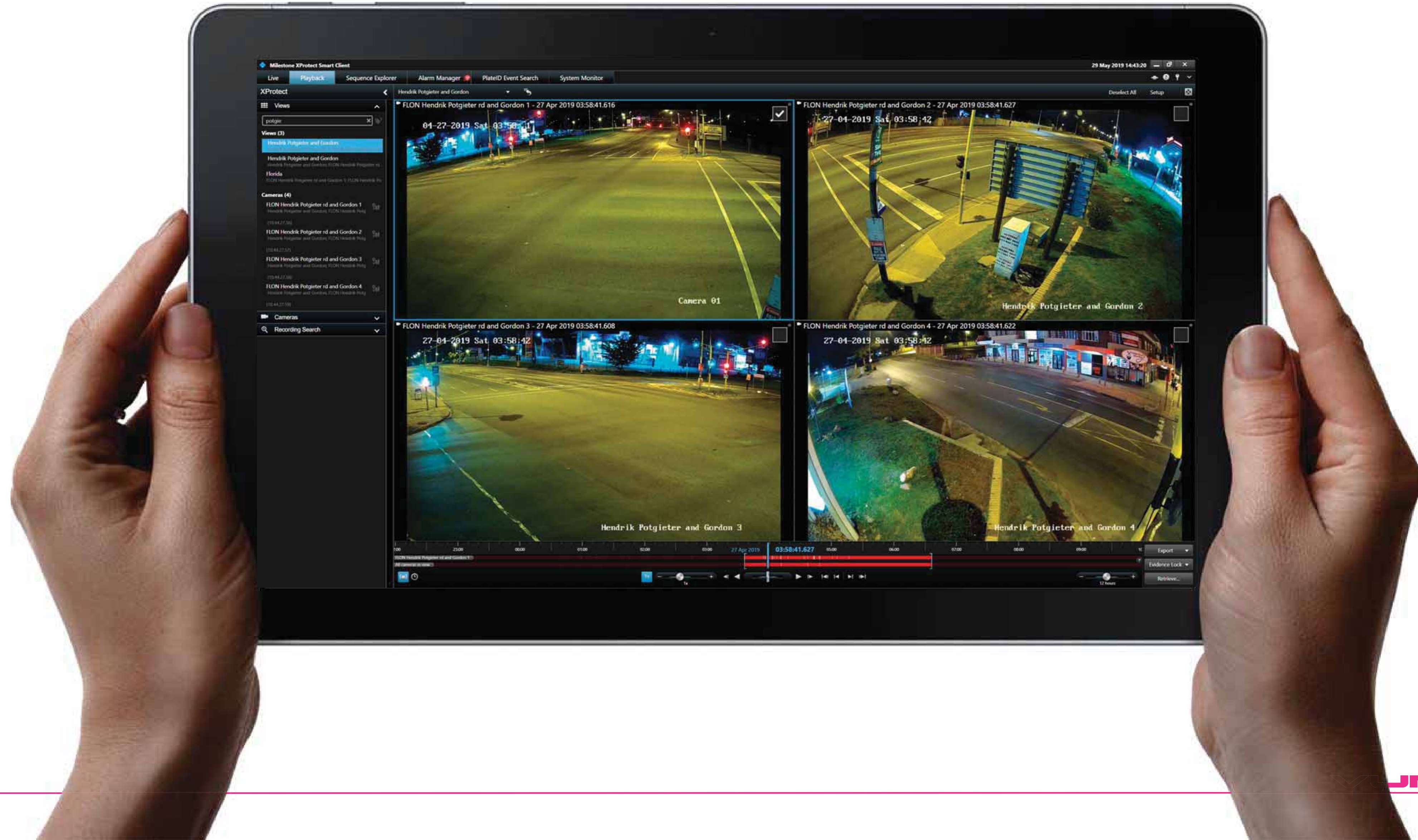
## SHORT RANGE THERMAL

### 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

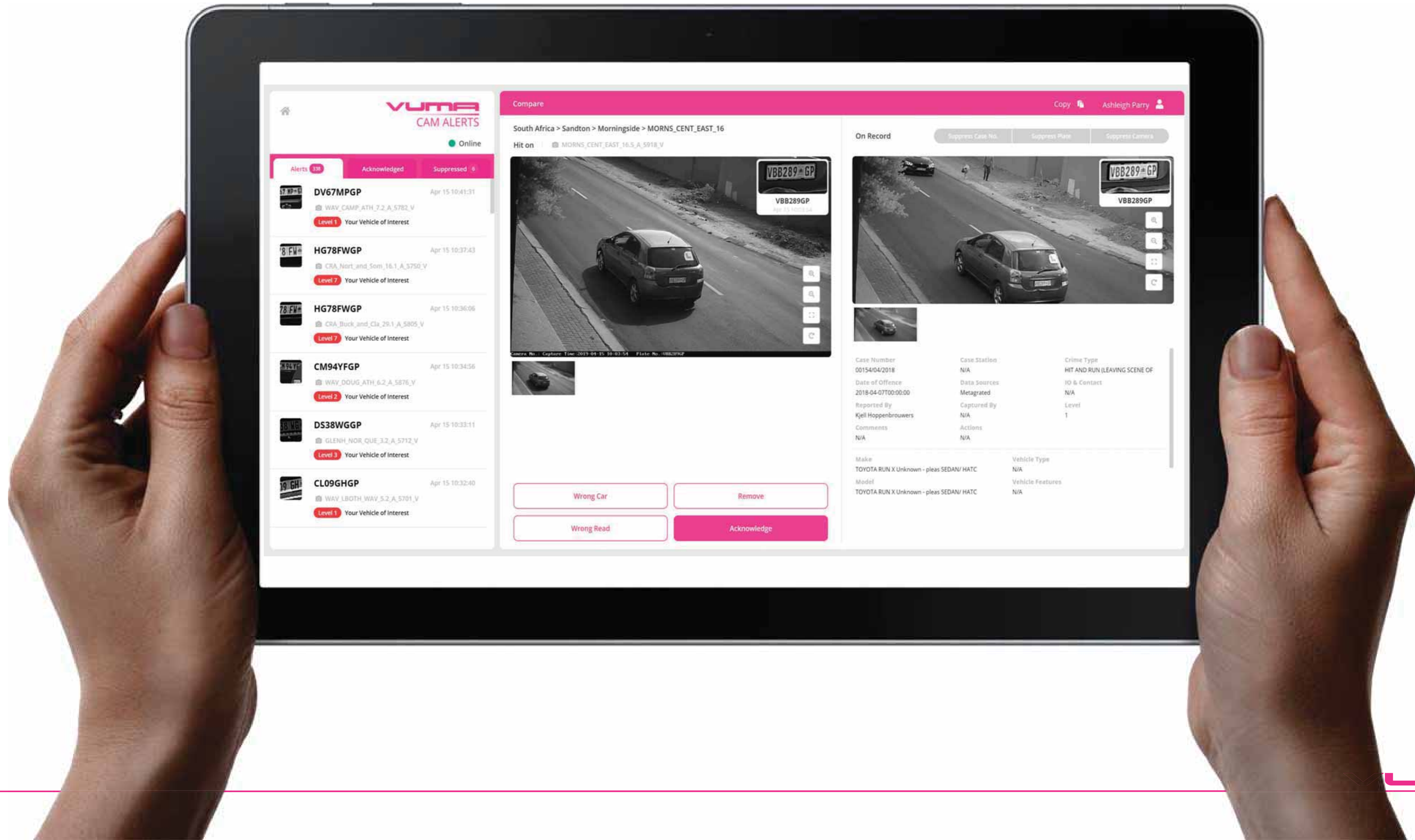


# VUMACAM overview camera views





# VUMACAM licence plate recognition





# VUMACAM network monitoring dashboard



### Nodes with Pending Problems

- 1001.comcast.co.za has 1 alarm (20 minutes)
- AIWV\_LeGrog\_GR\_45.2\_T\_2437\_V has 1 alarm (3 days)
- AIWV\_LeGrog\_GR\_45.8W has 1 alarm (3 days)
- AIWV\_LeGrog\_GR\_45.1\_T\_0977\_V has 1 alarm (3 days)

### Nodes with Outages

- AIWV\_LeGrog\_GR\_45.2\_T\_2437\_V (3 days)
- AIWV\_LeGrog\_GR\_45.8W (3 days)
- AIWV\_LeGrog\_GR\_45.1\_T\_0977\_V (3 days)
- AIWV\_Phoenix\_39\_39V (2 months)
- AIWV\_ik\_ami\_East\_31\_8W (2 months)

### Business Services with Pending Problems

There are no pending problems.

### Applications with Pending Problems

There are no pending problems.

### Status Overview

Alarms  
790

Outages  
779

Legend: Normal (Green), Warning (Yellow), Major (Red)

### Availability Over the Past 24 Hours

Categories	Outages	Availability	Availability %
Categories	2 of 187	185 of 187	99.47%
Overview	2 of 427	425 of 427	99.53%
ANPR	0 of 217	217 of 217	100.00%
Thermal	2 of 18	16 of 18	88.89%
Switches	1 of 77	76 of 77	98.70%
Routers	0 of 9	9 of 9	100.00%
Servers	0 of 10	10 of 10	100.00%
<b>Total</b>	<b>5 of 823</b>	<b>818 of 823</b>	<b>99.28%</b>

### Regional Status

Legend: Normal (Green), Warning (Yellow), Minor (Orange), Major (Red), Critical (Dark Red)

### Notifications

- You have 424 outstanding notices
- There are 3,009 outstanding notices
- On-Call Schedule

### Resource Graphs

Type the code label

### K&C Reports

Type the K&C report name

### Grafana Dashboards

- Approxim (L&P)
- AREP (L&P)
- Altera (Recording 1)
- Altera (Recording 2)
- Server Dashboard
- Zenoss (Management)

### Quick Search

Node ID:  Search

Node label like:  Search

TCP/IP Address like:  Search

Providing service:  Search

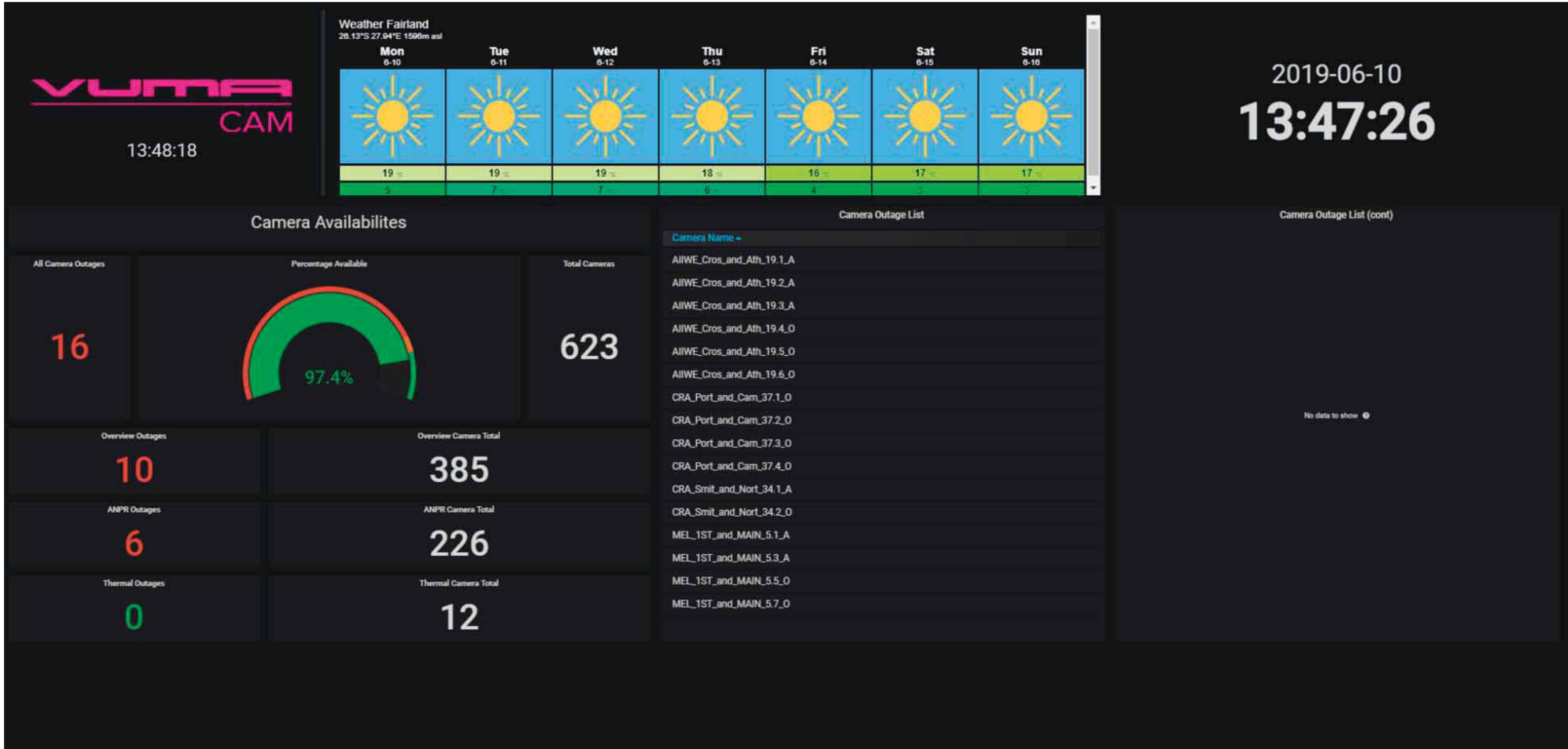
### Vumacam UPTIME REPORT ALL AREAS

AREA	Number of cameras	MTTR (hours)	OUTAGE (hours)	OUTAGE %	AVAILABILITY %	SLA AVAILABILITY
ABOTS	9	35.42	48.35	0.75	99.25	99.25
ATHL	60	10.6	502.84	1.16	98.84	98.84
BERO	3	4.2	15.09	0.70	99.30	99.30
BROH	2	7.43	7.43	0.52	99.48	99.48
BRN	4	0.02	1.04	0.06	99.94	99.94
BORDS	2	2.66	7.96	0.55	99.45	99.45
BRAM	12	25.74	47.06	0.54	99.46	99.46
BRAMP	6	2.16	2.16	0.05	99.95	99.95
BRAMV	2	1.83	8.93	0.02	99.38	99.38
BRUMA	6	5.47	16.17	0.37	99.63	99.63
BRY	20	90.27	265.04	1.84	98.16	98.82
CHELT	2	3.72	7.43	0.52	99.48	99.48
CONSK	3	2.28	26.56	1.23	98.77	98.77
CRA	152	4120	9344.63	8.54	91.46	98.62

## SLA UPTIME\* 99.02%

### JUNE 2019

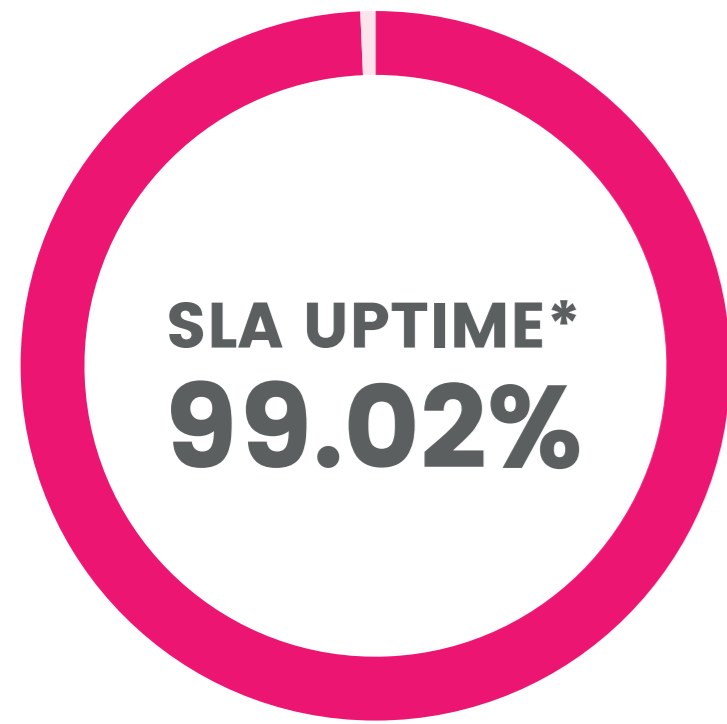
# VUMACAM client monitoring dashboard



Available at extra monthly charge



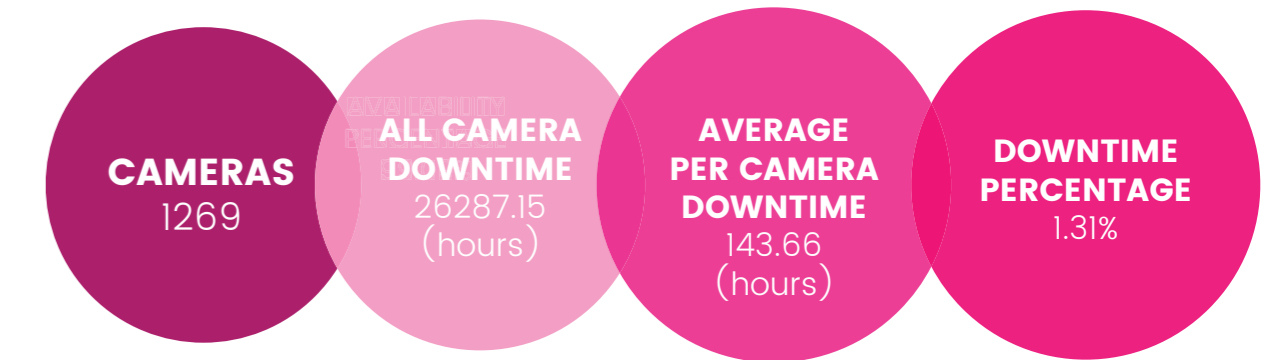
# UPTIME REPORT ALL AREAS



**JUNE 2019**

ALL CAMERAS VUMACAM  
OVERVIEW: 768  
LPR: 455  
THERMAL: 24  
MULTICHECK: 21  
VUMACAM: 1

AREA	Number of cameras	MTTR (hours)	OUTAGE (hours)	OUTAGE %	AVAILABILITY %	SLA AVAILABILITY
ABOTS	9	35.42	48.35	0.75	99.25	99.25
ATHL	60	110.6	502.84	1.16	98.84	98.84
BERG	3	4.2	15.09	0.70	99.30	99.30
BIRDH	2	7.43	7.43	0.52	99.48	99.48
BIRN	4	0.62	1.64	0.06	99.94	99.94
BORDS	2	2.66	7.96	0.55	99.45	99.45
BRAM	12	25.74	47.06	0.54	99.46	99.46
BRAMP	6	2.16	2.16	0.05	99.95	99.95
BRAMV	2	1.83	8.93	0.62	99.38	99.38
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CRA	152	4120	9344.63	8.54	91.46	98.62



**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**

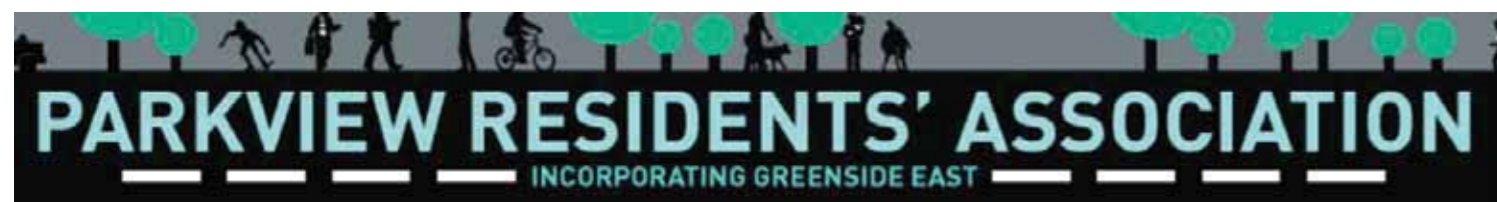
Mean time to repair

\*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 fiber 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

VUMACAM

# stakeholders & engagements





Bramley Village Society

FUTURE CITY™  
FOURWAYS



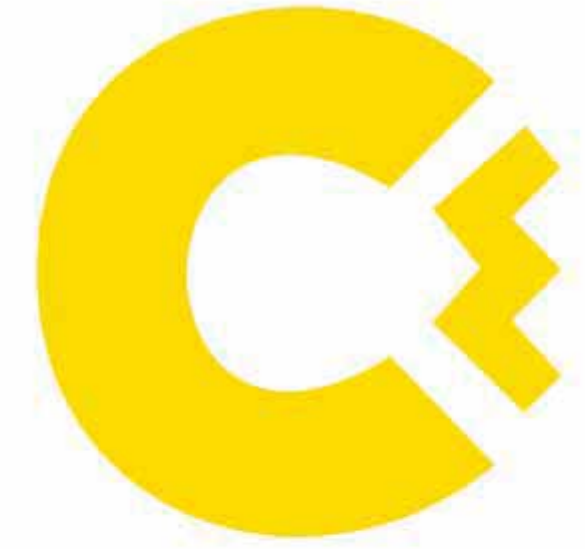
Emmarentia Residents Association



Emmarentia Residents Association



BIRDHAVEN Rate Payers Association



AIWE

Melville Security Initiative



Vorna Valley Residents Association (VVRA)

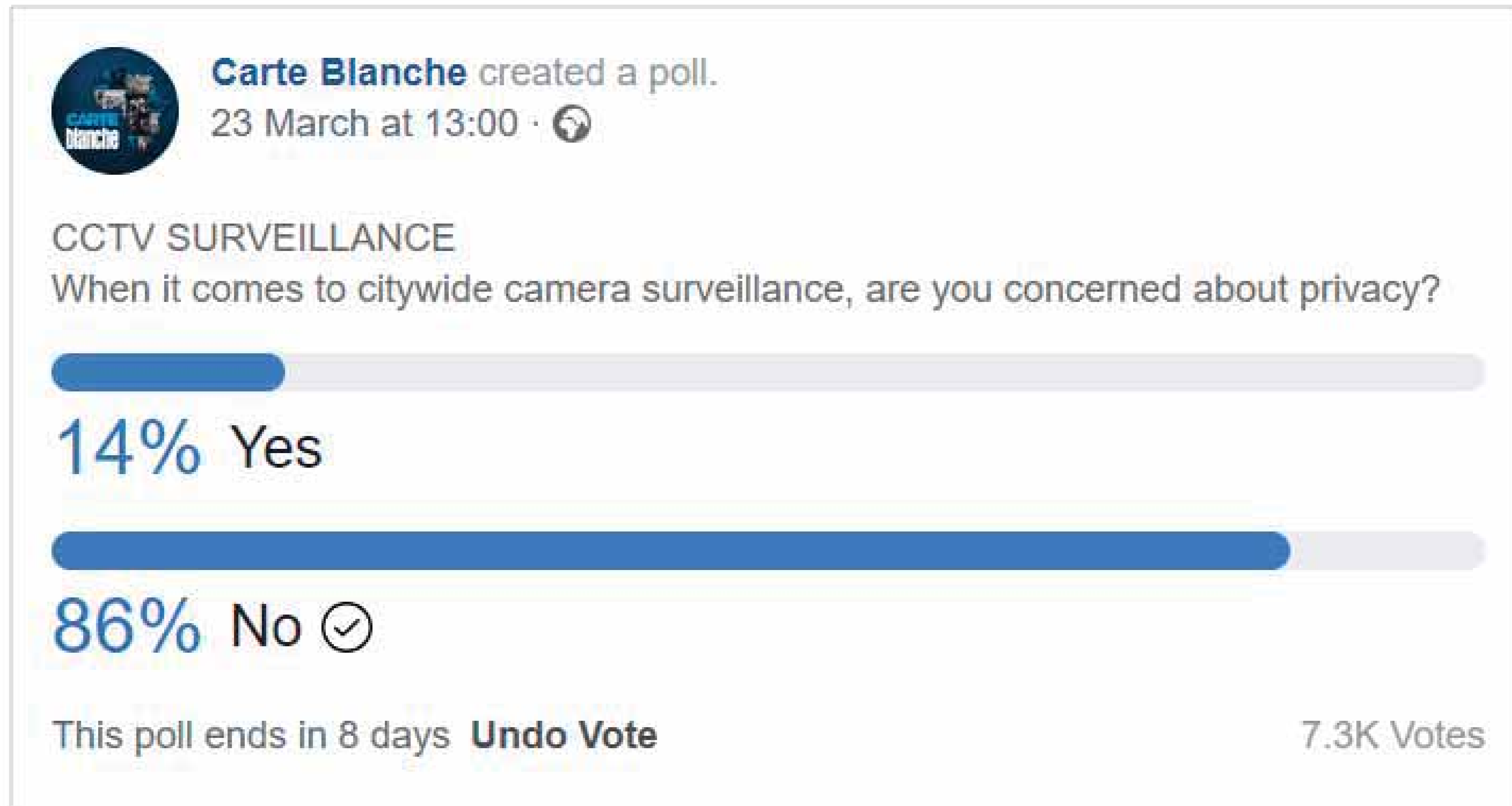






# carte blanche (facebook)

POLL



POLL

# eblockwatch



**Andre Snyman** created a poll.

 Admin · 3 hrs

I am asking my eblockwatch members if the would like us to assist VumaCam nail criminals by installing cameras on every street corner. Yes or No





# carte blanche (twitter)

POLL



↻ Carte Blanche Retweeted

 **Carte Blanche**  @carteblanchetv · Mar 23

When it comes to citywide camera #surveillance, are you concerned about privacy? #CarteBlanche

16% Yes

84% No 

802 votes • 1 day left

VUMACAM

# Additional information

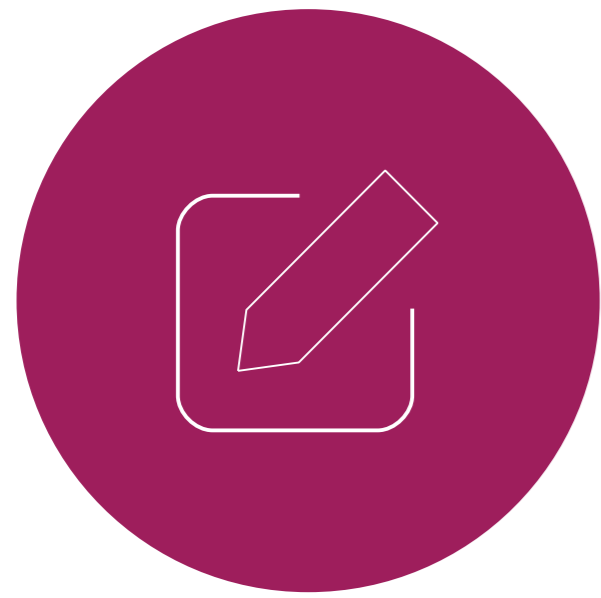
...

**This proposal does not commit the Client to pay any costs incurred in the preparation or submission of any proposal or any costs incurred by Vumacam in connection with the negotiation and execution of a contract with the Client.**

**The pricing proposal and offering submitted herein shall remain in effect for a period of 30 days.**



# acceptance



I hereby confirm acceptance and agreement of the Proposal:  
Khyber Rock- 24/7 209.07.04  
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	

VUMACAM

# Contact



## **VUMACAM (PTY) LTD**

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