

# Safer Communities

Increased safety support with ANPR

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A circular logo with a white background and a red border. The number '24' is in black and the number '7' is in red, with a red diagonal slash between them, indicating 24/7 availability.

**24/7**

# About NAVIC

NAVIC (Pty) Ltd was formed in 2016 to provide a security platform for communities, businesses and the government in the fight against crime in South Africa. The company has evolved into a complete ANPR and object analytic ecosystem with over 1.4 billion licence plate reads at a currently increasing average of over 100 million new image reads per month.

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As one of the first ANPR providers in the country, NAVIC has built the largest unified licence plate recognition database in the country and continues to innovate and lead from the front. Our mission is to support communities, businesses and the government with a full services ecosystem in vehicle analytics in an exceedingly demanding security industry.

NAVIC commits to honesty and fair play, adhering to business and technology best practices, and complying with the law, specifically the protection of citizens' rights.



NAVIC is a business process driven organisation. It is therefore not unexpected to see that NAVIC is the only ANPR (also known as LPR) provider to meet the following standards:

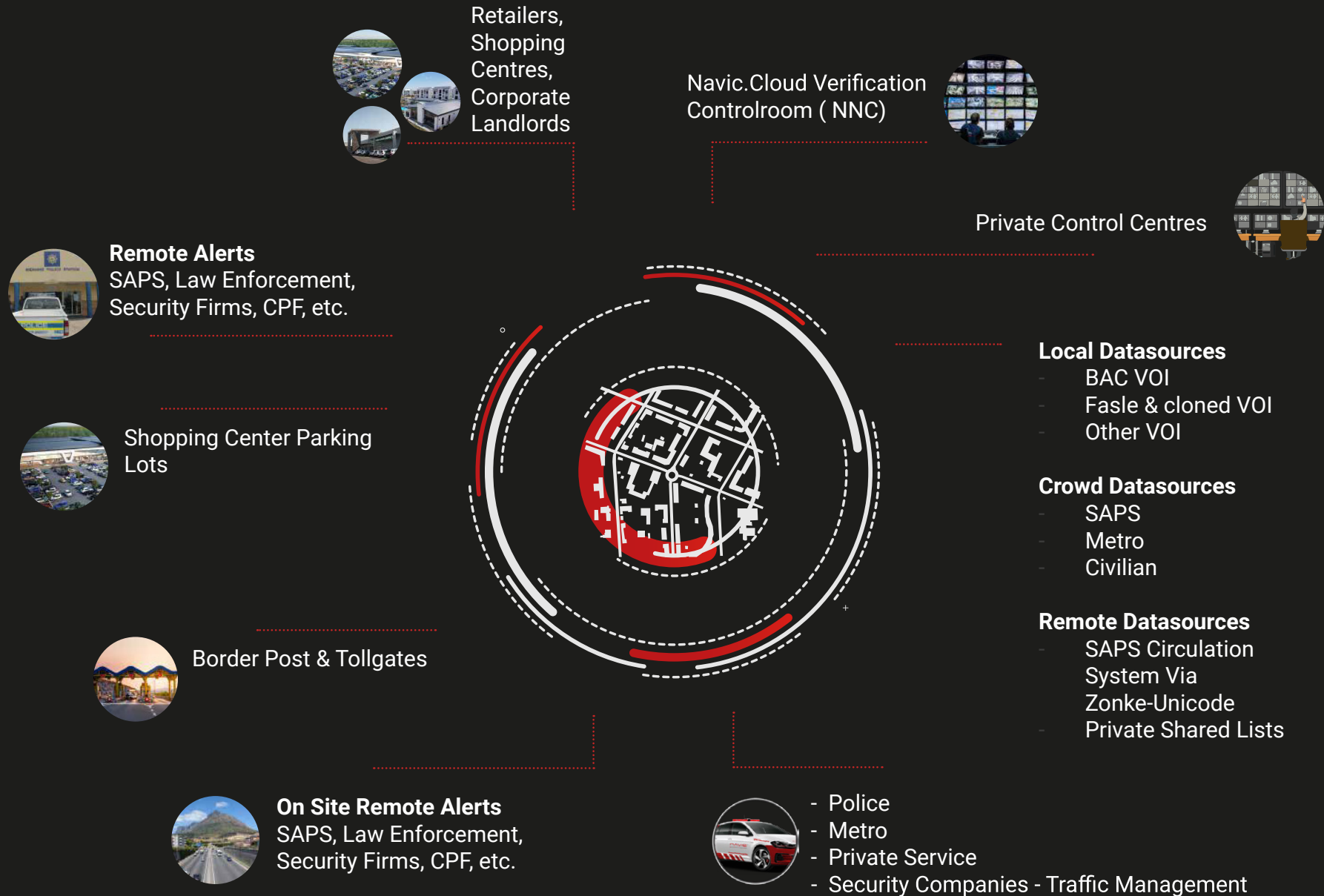
- ✓ PSIRA Registered
- ✓ SASSETA Accredited
- ✓ NQF L5 Accredited Training

The ecosystem has been conceptualised and designed by the brightest minds, with a strong operational management team delivering on the vision of safer communities. Our management team has collectively over 80 years of specialised investigations, policing and law enforcement experience, which has been instrumental in NAVIC's ability to develop and deploy practical community policing tools that make a difference in our communities.

Proudly a **Level 4 BEE contributor** in accordance with the DTI's BEE code of good practice.  
(100% BEE procurement recognition level)



# NAVIC cloud ecosystem



# Crime prevention

NAVIC is passionate about crime prevention and works strictly according to MISS (Minimum Information Security Standard) being the Act approved by parliament on the 4<sup>th</sup> of December 1996. NAVIC provides the only independent ANPR/LPR platform that complies with this act. (see <https://navic.cloud/ncmiss/>)

Our technology and investigations tools are deployed nationally within:

- ✓ Policing Structures
- ✓ Law Enforcement Structures
- ✓ Insurers and Financial Institutions
- ✓ Corporations
- ✓ Multi-tenanted Landlords
- ✓ Critical Facilities
- ✓ CPFs (Community Policing Forums)
- ✓ NHWs (Neighbourhood Watches)
- ✓ Entire Towns/Cities



# Our mission

NAVIC commits to honesty and fair play, adhere to business and technology best practices, and comply with the law specifically the protection of citizens' rights. Should you feel that we have failed to achieve this please contact us immediately so we can address any issue.

Delivering on a promise:

- ✓ To make a sustainable and meaningful impact.
- ✓ Providing the most appropriate solutions using technology advancements.
- ✓ Continuously improve and secure NAVIC.Cloud and the complete ecosystem.
- ✓ Provide techniques for the integration of third-party tools and services that improve the ecosystem and break down "data silos" all while protecting the data.
- ✓ Remain diligent and fierce protectors of the NAVIC.Cloud and the associate data we manage.



# The core

Security is like mowing the lawn; the job is never finished. It is with that in mind that we continuously develop the next generation system and structure with security and privacy as its core requirement such that we can move our PoPI Act compliant (Protection of Personal Information) system to GDPR (Data Protection Act to the EU General Data Protection Regulation) compliance. Our approach sets the bar for adherence to Standards and compliance :

- ✔ Designed and supported by advanced Ai Algorithms to understand, learn and proactively manage and escalate incidents.
- ✔ Intelligence driven and verified database integration
- ✔ Real time incident verification and distribution to business dependent operations
- ✔ Alert information and escalation in line with data protection and POPI act
- ✔ Innovation based hardware and software integration

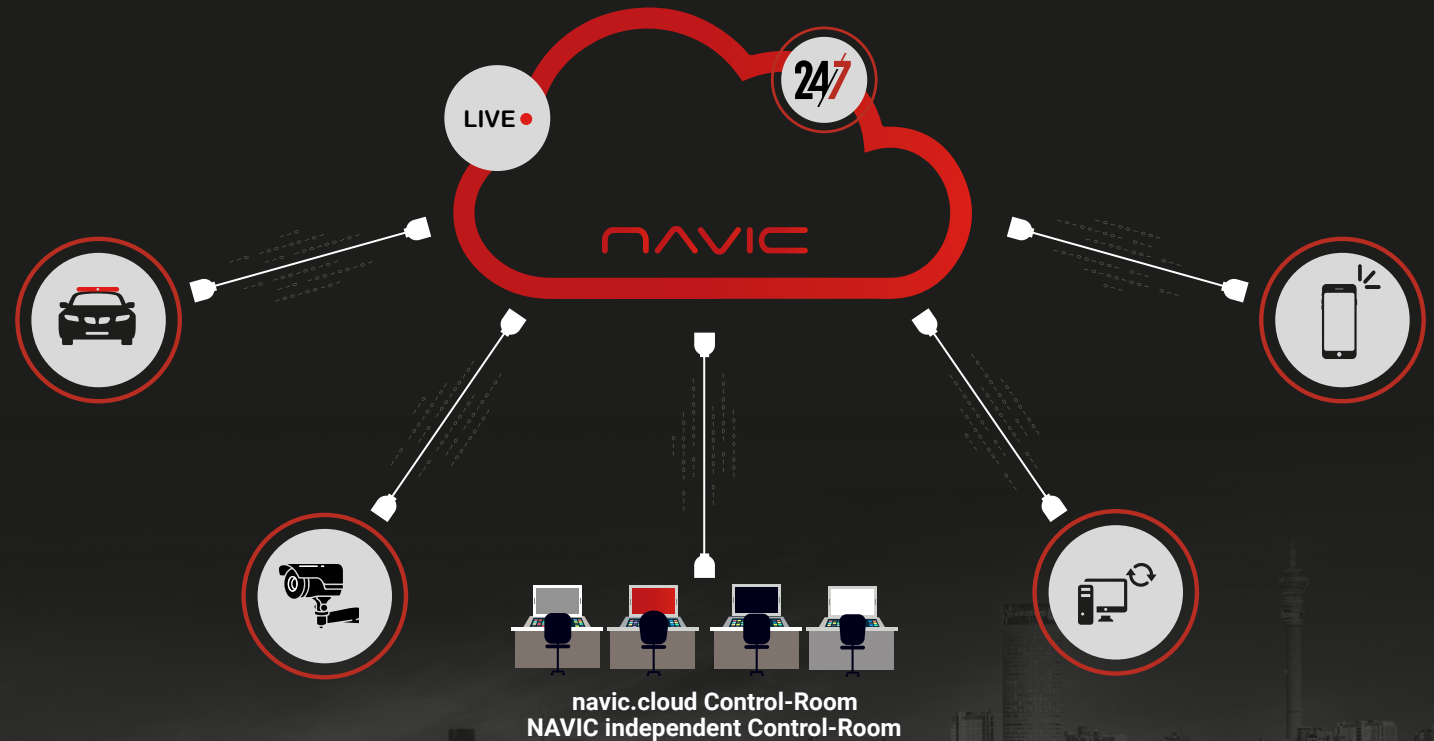
The platform has been conceptualised and designed by the brightest minds with the goal of delivering a transactional, trusted service to multiple sectors globally through integration into a secure real-time environment.



# How it works

NAVIC's technology and investigations tools are deployed nationally in residential, commercial and Law-Enforcement structures: NAVIC's ANPR works by analyzing the camera data, which is then processed through a series of intelligent algorithms / ai.

All encrypted data is untampered and securely stored on the Navic Cloud. Access depends on users credentials.



# 24/7 Verification

STEP  
**1**



Vehicle or object drives past ANPR camera or sensor

STEP  
**2**



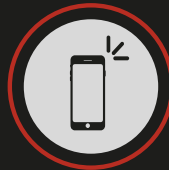
Camera sends Licence Plate information to Navic Cloud which holds a VOI (vehicle of interest) data base of suspect/wanted vehicles

STEP  
**3**



If the Licence Plate matches a Vehicle of Interest (VOI) in the cloud, the alert gets sent to the control room

STEP  
**4**



The operator verifies the information before sending the alert out to operational groups



# Solutions



## ✓ Safer Farms

### Safety againts:

- Farm attack
- Stock theft
- Poaching
- Theft
- Land invasion

## ✓ Improved Security Services

### Safety againts:

- Assets in transit
- Early warning system
- Burglaries
- Investigations
- Operation management



## Mobile ANPR lightbar



## Navic ecosystem

## ✓ Safer Shopping Centres

### Safety againts:

- Armed robberies
- ATM fraud
- Shoplifting
- Human trafficking
- Theft out of vehicles

## ✓ Improved Neighbourhood Watches

### Safety againts:

- Law enforcement lightbar
- Security lightbar
- Real-time alerts
- Plug and play installation
- Rental option available



# Mobile ANPR lightbar

Increased footprint with ANPR mobility



## Automated proactive alert system

- ✓ The NAVIC ANPR lightbar delivers on mobility with a direct live system link.
- ✓ Onboard camera alerts are paired to the local Mobile Alert Room App to support proactive crime fighting.
- ✓ Seamless systems integration delivers alerts checked against SAPS circulation and the ICB database.
- ✓ Plug and play solution with complete hardware integration.
- ✓ Internet ready and securely linked to the national vehicle intelligence cloud.
- ✓ Transform your reaction vehicle into a mobile control centre.

- Law enforcement lightbar
- Security lightbar
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By receiving alerts, you can act proactively.

The image features a dark, almost black background. In the upper half, there are several overlapping, angular shapes in various shades of red, from a bright, vibrant red to a darker, more muted red. These shapes create a sense of depth and movement, resembling a stylized landscape or a series of overlapping planes. The shapes are primarily located in the upper left and upper right areas, with some extending towards the center.

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