

Data-driven, predictive urban and public safety management

Downtown Achievement Awards
Public Space Management & Operations



VOORTREKKER ROAD
CORRIDOR IMPROVEMENT DISTRICT



Innovation

- Behavioural analytics inform and support predictive policing
- Harnessing technology to streamline monitoring and management.
- Data analysis ensures more accurate resource deployment on the ground.





Execution

■ Increased surveillance

72 cameras

15 licence-plate recognition cameras

■ Centralized reporting

Control centre receives all urban management, social and security reports, collated to a centralized database

■ Fast response

Teams on the ground are sent to investigate faster and more accurately

■ Analyze and deploy

Analyse trends to predict needs; deploy teams accordingly

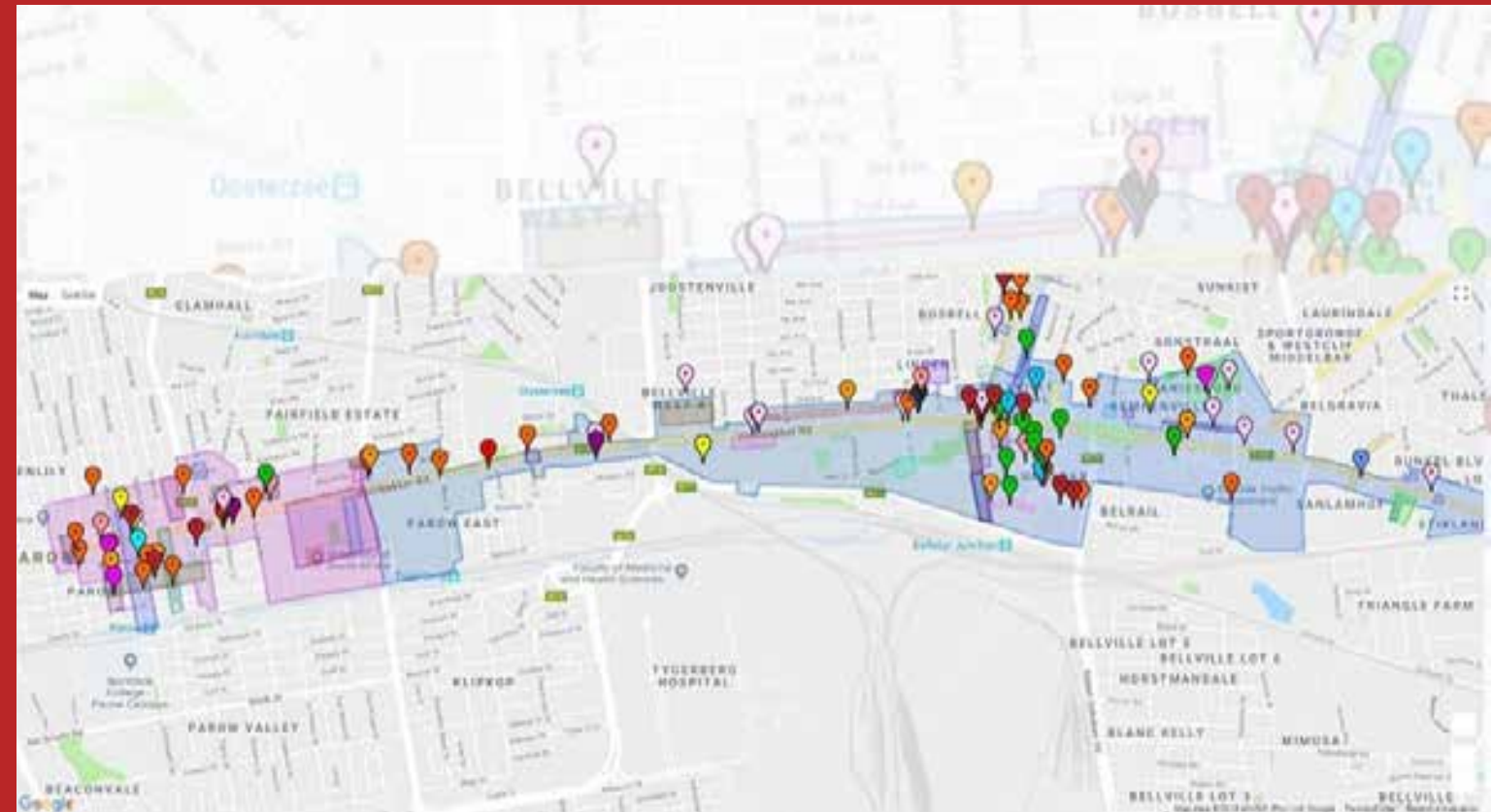
Outcome

- Real reporting increased statistics by 100%
- Human error and inaccurate reports dramatically reduced
- Tech-enabled monitoring and reporting led to more arrests
- Improved partner relationships



Outcome

- More proactive responses
- More comprehensive report follow-up
- Public has a direct reporting channel
- Better interactions with primary responders (police and law enforcement)
- More effective resource deployment





247

VRCID assisted arrests



283

Graffiti signage removed



2721

Traffic fines issued
R 1 509 800.00
Value of traffic fines



36 630 MES
103 825 VRCID

Litter collected - bags



146 520 MES
415 300 VRCID

Litter collected - KGs



417 336 532

Vehicles through LPR's
as from 18 Febr. 2019



36

People assisted with recycling project



11

People assisted with wheelchairs/beds



483

Motor vehicle accidents attended



3 520

C3 notifications



130

MES workers - Job creation



7983

Vagrancy issues attended to



1 438

Substance abuse call outs



1022

Storm water drains cleaned



1 221

MES Shifts paid for by VRCID

Representation

- Joint approach with partners:
- VRCID
- Securitas
- City of Cape Town
- South African Police Service
- Law Enforcement Agencies
- Job creation NGOs
- Commercial property owners



Replication

- Centralized control room, with monitors and radio connectivity
- Trained shift managers and surveillance staff
- Digitized incident data capturing with centralized database
- 24/7/365 emergency phone number and WhatsApp reporting
- Higher grade officers
- Visible, fast, fully equipped rapid response vehicles



Complexity

- Fear of change -> extensive consultation
- Global research -> demonstrating precedent
- Unreliable power security -> alternative power sources





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in partnership with



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