

David Black – Director Tripwire Systems / Gripsystems.



Current Status

Director and designer of the Tripwire rapid apprehension micro cameras & the GPS GRIPSYSTEMS server graffiti database used in 3 countries by law enforcement in conjunction with their cities and infrastructure. Team currently analyse 200,000 graffiti images per annum for cities abroad and locally for city/Police sharing. His team conduct multiple city wide independent graffiti audits to provide a completely filled share able database for ongoing use in the cities abatement / enforcement program. David's group has field audited the equivalent of 50% of metro Melbourne and have field audited the 200+ klms of Queensland Rail metro network on 4 annual occasions. Over 60 whole of City or Shire graffiti audits have been completed to date. (July 2014)

Objectives – To provide a common server based GPS specialist database, serving both city and Law enforcement needs equally. To ensure that cities are properly audited and wherever possible guided to save funds on contractors, readily identify offenders, and look to apprehend same through rapid apprehension methods proven time and time again. To ensure that new “apps” flooding the market for graffiti can be recognized as potential resource killers both short and long term driven by non graffiti experienced operators.

Experience and background

17 years field experience, auditing, graffiti strategy design, Tripwire design and manufacture. Over 63 whole of city field audits completed.

Mass blanket removals of graffiti for city wide clean ups

Development of various anti graffiti coatings for American, Australian & UK markets.

Concept and design of the Tripwire instant apprehension micro camera system sold locally and exported to 3 countries.

9 years field experience in Tripwire deployments, analysis, Police brief preparation assistance

Concept and design of the GRIPSYSTEMS, GPS, graffiti / crime/gang tracking database for Law enforcement /Cities.

Data entry / analysis for 27 cities locally and abroad into the GRIP database. Specializing in Latino gang graffiti. Sth California Chapters.

Maintain Database for over 200 Shires/towns Suburbs and departments.

Ongoing deployment of Tripwire rapid apprehension cameras for multiple city clients

Guest speaker at the Saskatoon Canada graffiti Summit (300 attendees)

Guest Speaker at the Santa Rosa Ca Graffiti Conference (350 attendees)

Training of over 1500 law enforcement and city employees on Tripwire rapid apprehension systems / GRIP DATABASE. California Primarily

Post audit strategy enhancement, report and recommendations to cities engaging our audit services. Use of apps for contractors and in house removal teams.

Travels to the United states 2-3 times each year to train Gang suppression units, DEA and city staff. Tripwire / GRIP.

Current & New Projects

Design and concept of new “SENTINEL” anti social behavior deterrent unit. 2014 Release.

Establishment of Audit process, Grip database, Tripwire use and deployment packages

Development of stand alone GRIP version for non share use for Rail infrastructure group.

Current movement of Tripwire units for commercial quantity drug cultivation, anti social behavior, Rail asset damage.

Development of new V3 Tripwire module unit and remote sensor technology & micro infrared 940nm light up units.

Development of new infrared flood module for broad area live apprehension light enhancement.

Whole of city graffiti audits and bulk analysis and reporting for Nillumbik, Yarra Ranges.Knox

Whole of Shire clean up, mass tripwire camera flood project and complete reduction project – Nillumbik 2013/2014

City of Greater Geelong – GRIP database use for Graffiti, illegal dumping, Syringe use and other concerns.

Vicroads – M80 Freeway project commenced. Audit, tracking and camera works to reduce \$200,000 annual spend by up to 80%.

Gripsystems has evolved constantly over the past 15 years to a point where our in house equipment designs and build are revolutionizing how manage their anti social behavior and criminal issues.

Tripwire V3 in 2014 will be the first micro mobile unit that can shoot live video feed to a handset along with the ability to connect a live video feed call to an active Tripwire unit.

Our dedication to making law enforcements work simpler and the ability to deal with the root cause of issues has never become simpler.

Our plans for the latter half of 2014 are to reignite our export market potential and reach out to past clients with new options for crime detection at an affordable price.

Our works with local cities and law enforcement will continue as those who realize offender cessation is the key come on board and follow other success stories like Nillumbik, Knox and Cardinia.

RECENT NEWS – July 2014

Tripwire V3 released – Smaller, faster. Video transmit from site. Live video connect to site on battery only power.

New 3D printing of components, cases and hides

New Micro Infrared lamp units with a 80' & 120' range designed in house.

New triggering mechanism design for infrared lamp units and other needs. RF to target 80' rf to base 100'. Total 180' !!

Gripsystems complete gang injunction 30,000 image analysis for City of Coachella Ca. (Serenio, VCR)

Gripsystems conducts first audit for Vicroads M80 project office targeting mass offenders on noisewalls, infrastructure. M80 freeway.

Nillumbik sees a further drop in graffiti from \$120,000 per annum to an estimated \$30,000 due to Gripsystems model. (Audit 3)

Gripsystems database releases new module for self trimming of reporting outputs. (Self tailoring reports)

Gripsystems identifies 6 offenders in first week of audit against national trust property in Warburton. (Through Social media intelligence)

