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# Heruon

**ADVANCED OBSERVATION SOLUTIONS**

[heruon.com](http://heruon.com)





**We support police services** in preventing and detecting crime. Our systems can provide powerful evidence for securing prosecutions and manpower requirements can be reduced.

**We support prison and correctional services** in detecting illicit phones and other devices, frequently identifying the user of a phone in a particular time and place. We have technology that can make buildings and sites more secure both preventing crime and assisting in tracing criminals.

**Heruon specialises in observation technology:**

we track and recognise faces, objects and devices such as cellphones, car infotainment systems, EarPods, etc.

**For performance and security reasons Heruon is careful to use software and key hardware produced in house.**

Heruon, has developed its own proprietary technology for detecting ('sniffing') the presence of devices that emit Bluetooth, Wi-Fi and GSM signals. This technology uses Heruon hardware and software. (Where required, the hardware will be complemented by a suitable SDR device, which gives full capability for all levels of GSM signals and even Walkie-Talkies.)

In many situations Heruon device tracking technology will be utilised in conjunction with other Heruon technology including Heruon's proprietary face and object recognition technology to provide more valuable data and to reduce the number of false positives.



### **We know data handling is critical**

**for you:** data obtained from our products is clearly displayed on both our dashboards and the major evidence gathering dashboards allowing ease of interrogation by means of selected criteria.

Heruon technology can work in both built up and other areas. It can be used in underpopulated rural areas, remote border areas, maritime borders and conflict zones. Useful applications include detecting intruders, illegal immigrants, enemy personnel in conflict zones, preventing and apprehending thefts of valuable plant and machinery.

Combining our technologies ensures even greater accuracy, and information then can be obtained from a single application. It reduces the number of false positives.

## **Potential Applications of Heruon Technology**

There are numerous applications, and we have prepared separate briefing notes on some of the more notable ones.

### **Common uses include:**

identifying persons of interest (PoI) in real-time, detecting individuals in places and/or at times when such presence is unusual, rapid scanning of historic CCTV coverage with detection of PoI, Object recognition and detection of potential problems with equipment and machinery. Detection of devices such as cell-phones, with the potential to monitor past movements of, and traffic passing through, those phones.

Heruon will endeavour to customise its products to your needs and advise on other products that can usefully be used in combination with them. For key orders, Heruon can undertake further development to ensure that products will better meet those requirements. This reflects the complexity of some user's needs and takes account of all the relevant factors and conditions for the location(s) where the products are to be deployed.



## How can we assist?

- We support police services in preventing and detecting crime. Our systems can provide powerful evidence for securing prosecutions and manpower requirements can be reduced.
- We support prison and correctional services in detecting illicit phones and other devices, frequently identifying the user of a phone in a particular time and place.
- We can monitor the movements of offenders on probation or release to ensure compliance with the terms of their probation/release.
- We have technology that can make buildings and sites more secure both preventing crime and assisting in tracing criminals.
- We can save massive amounts of time and manpower in reviewing CCTV footage.

Heruon has developed its own proprietary, ethical technology for the detection of faces and objects. The Company has produced its own, fully secure, hardware and software for this product. Our hardware will be complemented by other suitable equipment, such as CCTV cameras and systems.

There are numerous applications for this product. In many cases, this product will be utilised in conjunction with other technology including Heruon's own proprietary technology for detecting the presence of devices that emit Bluetooth, Wi-Fi and GSM signals. This latter, again, uses both hardware and software produced by Heruon.



We know data handling is critical for you: data obtained from our products is clearly displayed on both our dashboards and the major evidence gathering dashboards allowing ease of interrogation by means of selected criteria.

Face recognition has many obvious uses and is already in increasing use in many parts of the world. This technology does, however, create issues, which have received considerable publicity. One issue is the ethicality of the assembly of the vast numbers of facial images needed to make face recognition work.

Many providers have been censured for using faces from Facebook or similar sources without obtaining permission from the

individuals concerned. Heruon has only used faces where either the individual concerned has explicitly granted permission, or, more often, where faces have been artificially created by using algorithms. Another issue is the compliance with the relevant local laws and regulations. Heruon's products are more likely to be legally compliant than most others.

The use of more than one appropriate technology in a combination provides better alerts and reduces false positives. This is a notion on which Heruon has placed a strong focus and which it continues to develop.

## **Potential Applications of Heruon Technology**

There are numerous applications, and we have prepared separate briefing notes on some of the more notable ones. Heruon will endeavour to customise its products to your needs and advise on other products that can usefully be used in combination with them. Common uses include identifying persons of interest (PoI) in real time with alerts, rapid processing of historic CCTV coverage to identify PoI. Monitoring known haunts of criminals. Monitoring equipment and machinery to provide alerts before failures occur. Monitoring sensitive sites such as embassies, government buildings. Providing security for buildings and sites.

Depending on needs, Heruon can undertake further development to ensure that products will better meet those requirements. This reflects the complexity of some user's needs and takes account of all the relevant factors and conditions for the location(s) where the products are to be deployed.

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**Specialised in:**

Facial recognition, Object detection,  
Device detection, Data analysis

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