



 SWISS INNOVATION

# Main monitoring modes and related products

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## Home custody

Ensures that the offender remains at home and is in compliance with a predetermined schedule (curfew)



Electronic bracelet



Mobile charger



Home station

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## Restricted zone

The offender is required to remain in a predefined area as part of compliance monitoring



Electronic bracelet



Mobile charger

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## Forbidden zone

The offender is restricted from entering a predefined area as part of compliance monitoring



Electronic bracelet



Mobile charger

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## Victim protection

The offender must maintain the required separation distance from a person wearing a victim device



Electronic bracelet



Mobile charger



Victim device

**Geosatis offers a modular and configurable solution. Our monitoring and management platform provides the opportunity to combine different modes of surveillance. Please contact us for further information.**



## Electronic ankle bracelet

With its rigid structure, the Geosatis bracelet is particularly robust and less prone to being removed voluntarily or accidentally.

The GPS bracelet can be used as a standalone device and additionally as an RF device.

A hybrid mode can also be activated, this allows the bracelet to communicate using RF and change to GPS when an alarm is triggered.



Easy and fast locking / unlocking



GPS or LBS (GSM) location



Tampering detection



Light weight: 180g / 6.35 oz



Wireless charging

## Home station

When in proximity to the home station, the bracelet disables GPS and GPRS telecommunications and relies solely on RF to communicate through the home station.

Proximity to the home station is constantly monitored and reported. If the bracelet moves out of range, it will re-enable GSM and GPS for localization and telecommunication.



Home station: inside location



Mobile charger charging station



Interactive: color touch screen



Motion detection





## Beacon

As with the base station, the bracelet detects the beacon when it is in close proximity. The beacon is mainly used for an indoor localization (where GPS position is not available).

Water resistant, the beacon may also be installed outside in some specific cases.



Indoor location



Battery : 2 years autonomy



Water resistant: IP 67



Motion & tampering detection

## Victim device

The offender wearing an electronic ankle bracelet cannot approach the victim without generating an alarm. The device allows the victims to feel safe wherever they are.

By pressing the «panic button», the user sends an alarm to the monitoring station and the device provides its position.

The victim can register emergency contacts who will be notified if an alarm is triggered.

the camera switches on automatically and pictures are directly transferred to the monitoring station as evidence in a critical situation.



GPS or LBS (GSM) location



Taking pictures



Panic button



Voice communication



## Head office

Rue Saint-Hubert 7  
2340 Le Noirmont  
SWITZERLAND



## Laboratory

EPFL Innovation Park, D  
1015 Lausanne  
SWITZERLAND



+41 32 513 42 94



+41 32 513 42 51



[www.geo-satis.com](http://www.geo-satis.com)



[info@geo-satis.com](mailto:info@geo-satis.com)



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