

A stylized, light blue map of a city grid with a winding river or canal. The map is composed of thin lines representing streets and water bodies, with some areas shaded in a slightly darker blue.

# GEOSATIS

Company & Solutions

## GEOSATIS

GEOSATIS is the world's leading maker of end-to-end electronic monitoring and predictive analytics solutions for the criminal justice system. The company was founded in 2011 as a spin-off from the renowned technical university of EPFL in Lausanne, Switzerland – and has been focused ever since at revolutionizing the electronic monitoring industry.



### Our mission

WE CONTRIBUTE TO A MORE HUMANE AND SAFER SOCIETY

GEOSATIS offers a secure, reliable, convenient and cost-effective electronic monitoring solution for enhanced public safety and successful offender rehabilitation - using Swiss precision, quality and innovation.

### Our vision

NO MORE PRISON OVERCROWDING, NOR RECIDIVISM

GEOSATIS proposes a viable and cost-effective alternative to imprisonment which can help cut prison overcrowding and reduce recidivism. Our solution allows offenders to maintain a professional activity, take care of their family, and make a positive contribution to society.



### Our values

HUMANISM, RESPECT, PASSION, INNOVATION AND EXCELLENCE

At GEOSATIS, we believe in the power of people and technology. Our corporate values drive us to optimally address the challenges faced by the criminal justice sector, through in-depth understanding of customer's needs and breakthrough innovations that challenge the status quo and deliver radically better products and services.

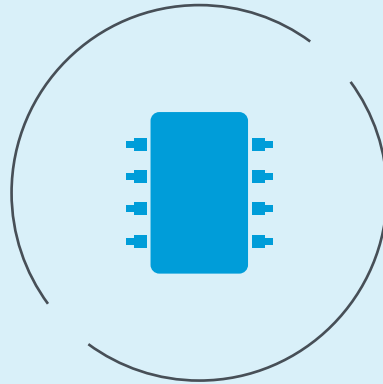


## COMPLETE SOLUTION PROVIDER

As a complete solution provider, GEOSATIS offers a **unique range of expertise** at every stage from product innovation and design all the way to customer solutions implementation and support. With headquarters based in the Jura watch valley, GEOSATIS and its partners make the best use of **Swiss know-how** in micro-mechanics and wearable devices.



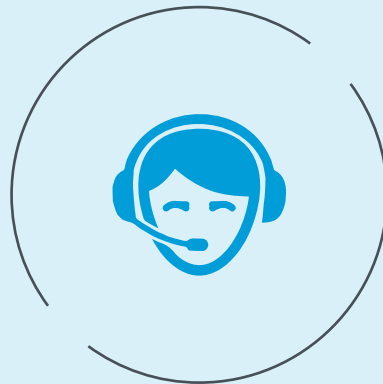
**Mechanical and ergonomic design**



**Embedded software engineering**



**Web & app software development**



**Customer service & support**

## FULL-RANGE OFFERING

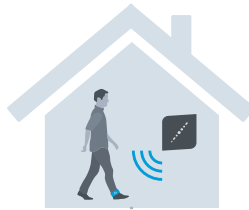
### Location tracking

Using the satellite positioning capabilities of our GPS/RF one-piece bracelet



### Home curfew

Using the bracelet in conjunction with our indoor beacon



### Victim protection

Using the bracelet in conjunction with our victim protection device



### Management & supervision

Monitoring multiple offenders, defining restrictions, managing alarms - using any device from the GEOSATIS solution



Serving all use cases for the criminal justice system

### Pre trial



- Preventive
- Bail

### Prison



- Indoor tracking
- Transfers
- Temporary leave

### Probation



- Location tracking
- Home curfew
- Victim protection

## LOCATION TRACKING

The GEOSATIS electronic bracelet is the most secure, reliable and convenient **GPS/RF one-piece** ankle bracelet on the market - combining a unique, robust and easy to use **toroidal shape** design with state-of-the-art secure and precise geo-localization technologies.



### HYBRID ANKLE BRACELET



#### Multiple GNSS support

GPS, Galiléo, Glonass, BeiDou



#### Opening / Closing

Quick, easy and secure



#### Covid-19 compliant

No physical contact

GEOSATIS has improved the functionalities of its bracelet with a higher level of **encryption** and the inclusion of a **dual SIM-card** slot to maximize mobile networks connectivity.

Thanks to a sophisticated **multi-sensor tampering detection**, any attempts to open or damage the bracelet are detected and reported immediately to the monitoring center, while its superior engineering decreases false tamper nuisance.

## MOBILE CHARGER



#### Freedom of movement

Wireless charger



#### LCD Screen

Display of remaining charging time



#### Water resistant

IP 68 - not charging



## HOME CURFEW

The GEOSATIS beacon offers the functionality to locate an offender **indoors** using a **radio frequency** link to connect to the electronic ankle bracelet.



**Indoor location**



**Motion detection sensors**



**2 years battery life**



## VICTIM PROTECTION

The electronic monitoring solution for domestic violence is a sophisticated **proximity notification system** used to protect victims. The GEOSATIS victim application allows the victim to move freely in the community with an established mobile proximity zone that works in conjunction with the GEOSATIS GPS bracelet worn by the offender. In the event the offender enters this mobile proximity zone, the system automatically triggers an alarm in the monitoring software and the victim is notified.



**Proximity detection mobile zone**

Paired with the bracelet of the offender



**Emergency button**

Triggers an alarm in case of insecurity



**Automatic recording**

Pictures/sounds that can be used as an evidence in court

## MANAGEMENT AND SURVEILLANCE

The GEOSATIS **monitoring software** is a web-based application that allows the management and supervision of offenders during the entire rehabilitation process.



Set up Inclusion / exclusion zones



Receive and deal with alarms



Generate detailed reports



Define curfew constraints



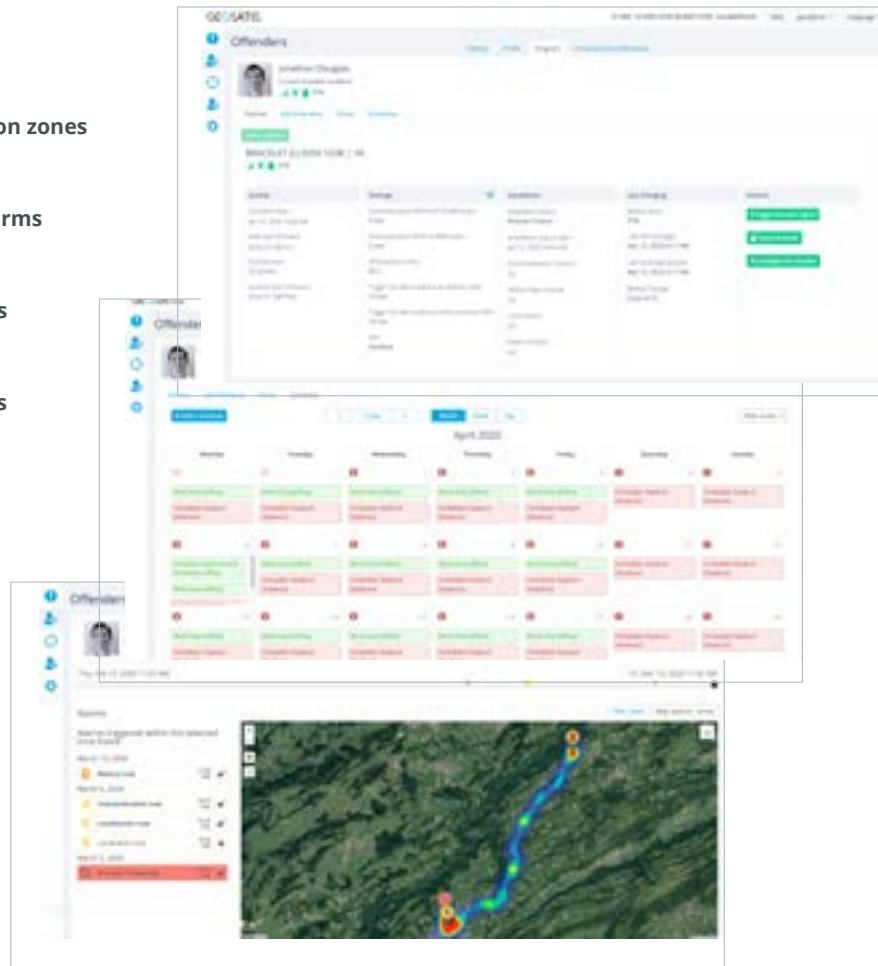
Create offender profiles



Assign devices



Replay traces



This single software solution lets the supervisor configure and oversee multiple offenders using any devices from the GEOSATIS product's portfolio (the electronic ankle bracelet, beacon and victim protection device).

# GEO SATIS

securing people

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swiss precision