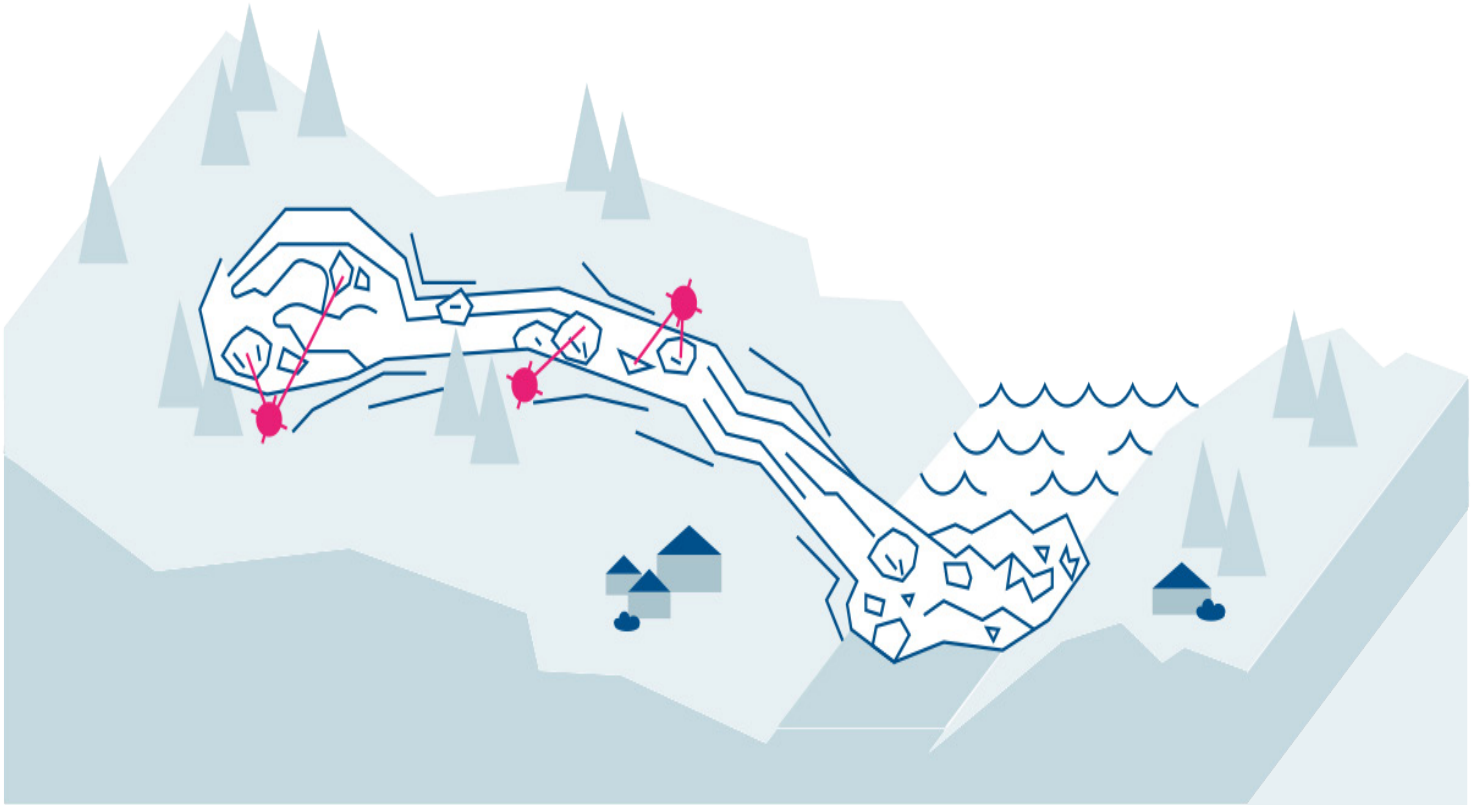




# Spider Debris Flow

Warning system for Debris Flows



**IN EXTREME CLIMATIC CONDITIONS, HEAVY RAINS AND UNSTABLE GROUND, MUD AND FRAGMENTED ROCKS, CAN RUSH DOWN FROM MOUNTAINS, ENDANGERING PEOPLE AND STRUCTURES: THIS IS THE DEBRIS FLOW.**

Intensive local rains can trigger impulsive Debris Flow phenomena. A considerable amount of debris, combined with water, mud and rocks, can descend from a mountain at high speed. This kind of events can be particularly dangerous and destroy houses, bridges, roads and structures, and cause victims. Identifying the phenomenon at the begin means having time to secure the area and people.

Spider Debris Flow provides an immediate alert at the occurrence of the event, by local alarms in inhabited areas (sirens, flashing lights...), and notifications competent authorities, for any evacuations, via APP, web.

This system can be integrated with images from cameras placed in specific locations.

Spider Debris Flow is part of the Spider System line. It is simple to install, even in the most inaccessible areas, and easy to use. It runs on battery, with long autonomy, and does not require connections to the power supply. Maintenance required is zero or minimal and the system can work for a long time, even in extreme conditions.

Spider Debris Flow is designed to safeguard people and properties.



# Technical specifications

Spider Debris Flow is a strong system, designed to resist considerable forces, able to detect movements of rocks related to the Debris Flow event.

Alerts and data are routed over the network with the latest technologies, capable of covering very large areas, without the need of radio links and with immediate advantages in terms of use and costs.

- Equipped with displacement sensors.
- Easy to carry and install without specific configurations.
- Completely integrated electronics, studied to operate in extreme conditions.
- Flexible and expandable solution.
- Low battery consumption: the system has an autonomy of over 5 years.
- Smart Intelligence: alarm notifications, device status, location and battery level.
- System test during installation or ordinary checks, also via APP.
- Digital transmission technology.
- Integrated data transmission device, with different radio technologies.
- Access to alarms and data via web portal and APP.

## Contacts

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