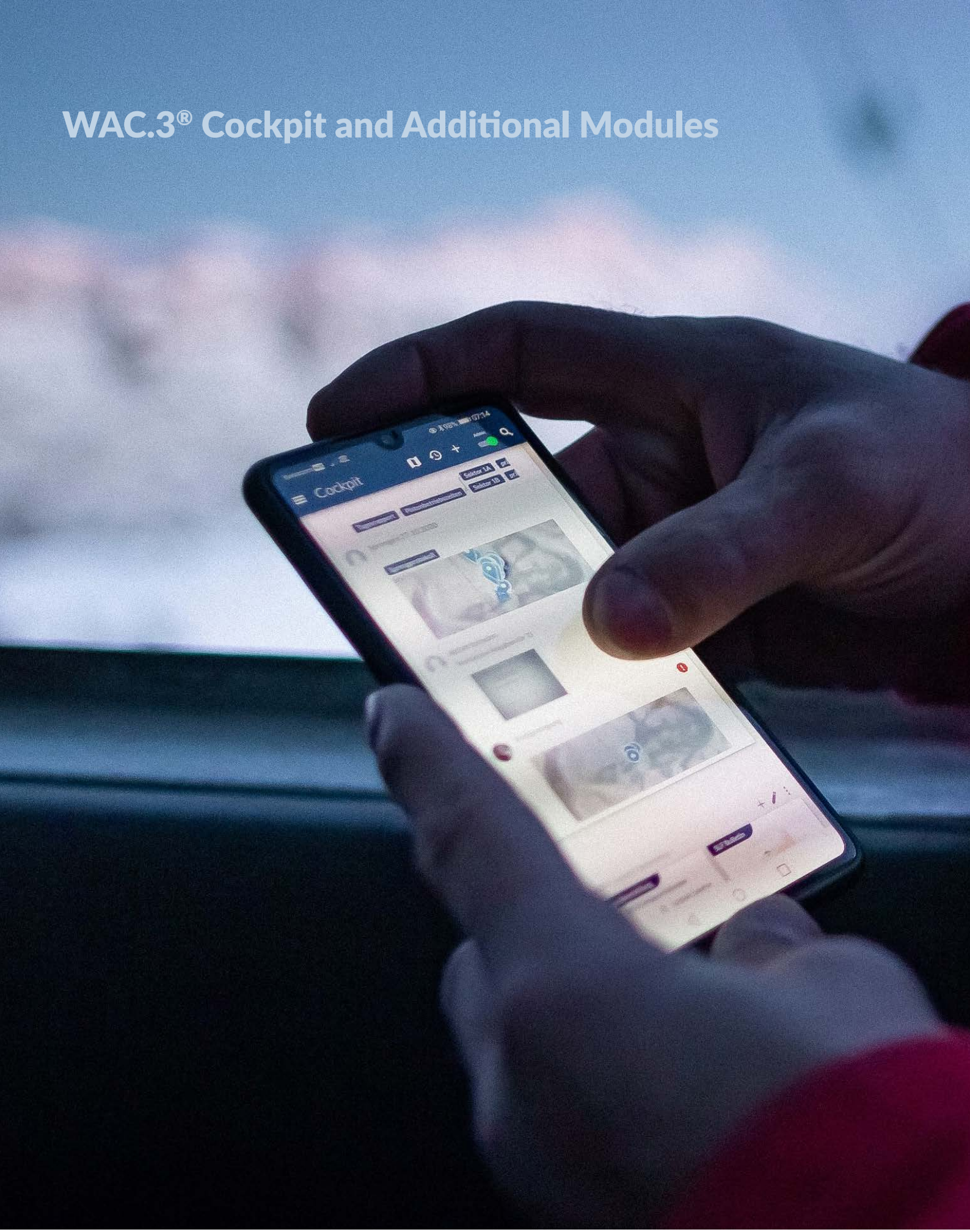
WAC.3® Cockpit and Additional Modules



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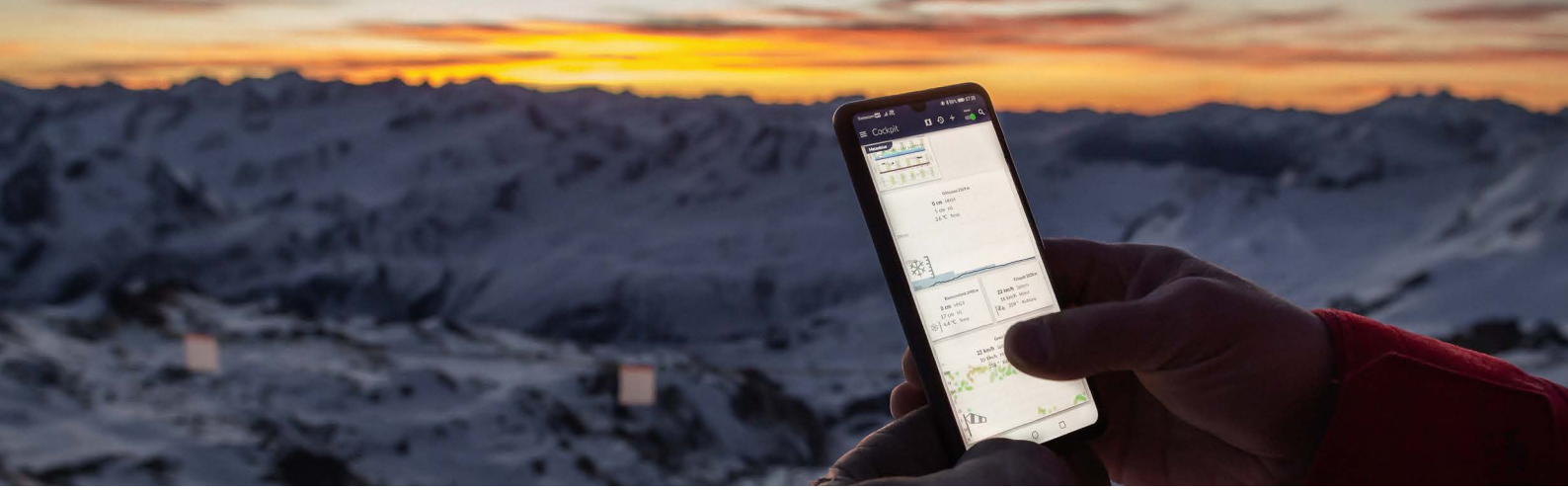
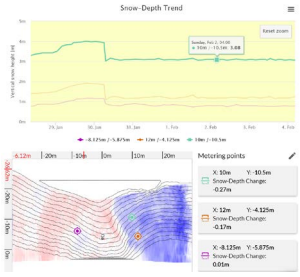


WAC.3® Cockpit

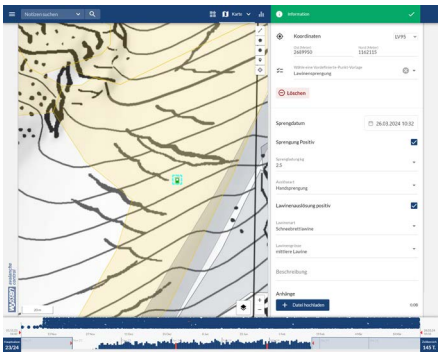
WAC.3® Cockpit is a data collection platform that presents information in a visually straightforward manner. Notes and decisions are clearly documented and both internal and external communications for avalanche services are simplified.

Avalanche mitigation teams work on a daily basis with information and data from different sources, which must first be accessed and classified. Using the WAC.3® Cockpit makes everyday work much easier: Cockpit is a platform for visualizing various information at a glance and for collecting data. In addition to notes and decisions, the respective conditions and avalanche mitigation processes are automatically documented. Compared to conventional tools, Cockpit enables, among other things, the mapping of avalanches and internal communication.

Weather data

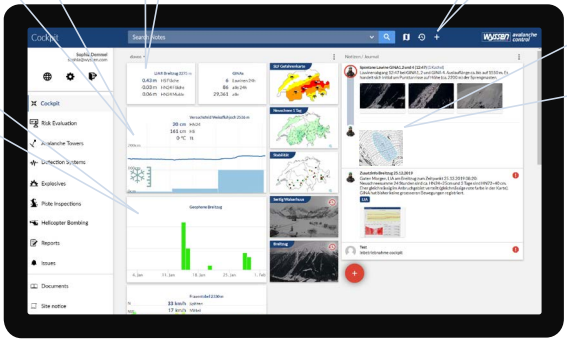


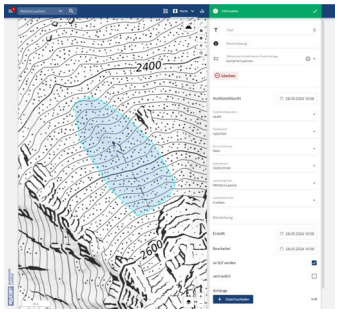
Snow depth measurement in the release area



Blasting log

Automatic avalanche detection





Avalanche Mapping

Menu

Tiles
compact overview of various pieces of information

Journal
note entry and documentation

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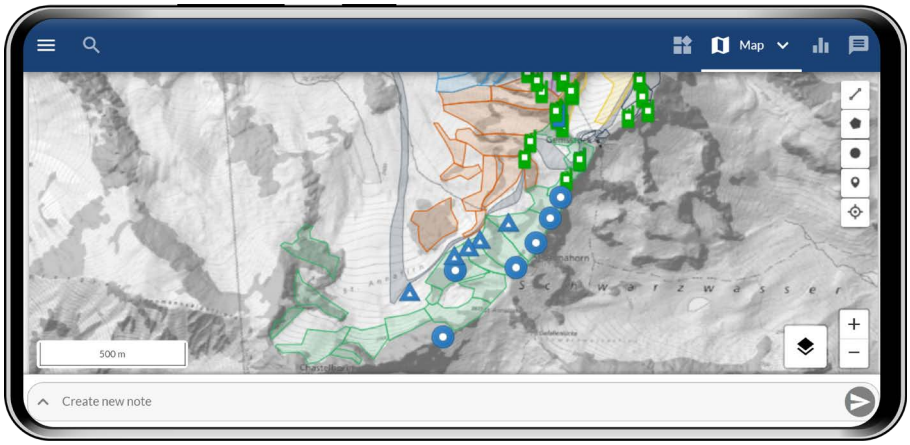
Views from WAC.3® Cockpit

Map overview of the systems with blast and avalanche input

including static data such as slopes, fissure zones or avalanche paths

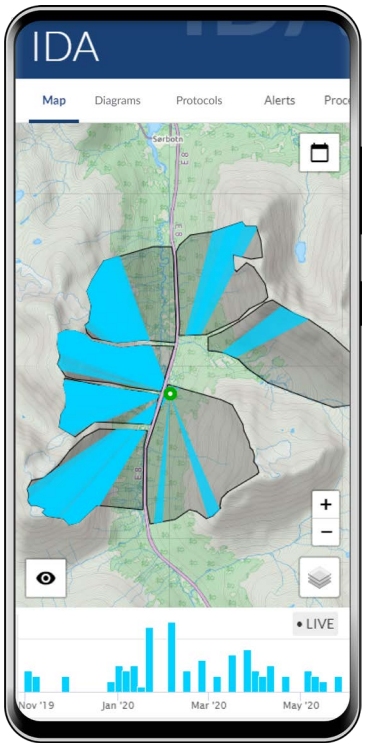


Advantages

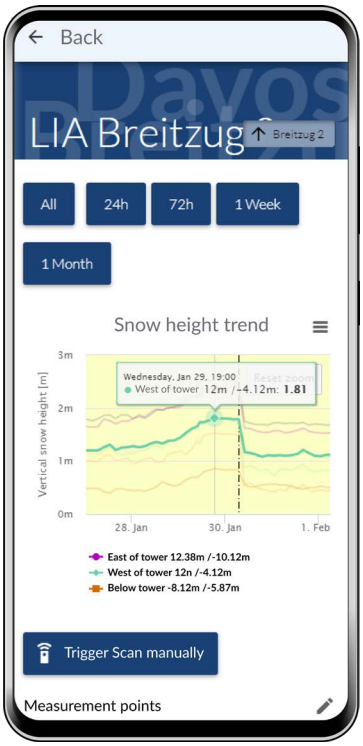
- Integration of existing sources of information
- Fast, clear and intuitive
- Can be individually configured
- Simple and trackable documentation, which also serves as legal evidence
- Assistance with decisions
- Custom notes for any situation
- Mapping of avalanches
- Internal and external communication

Avalanche detection in the WAC.3® overview

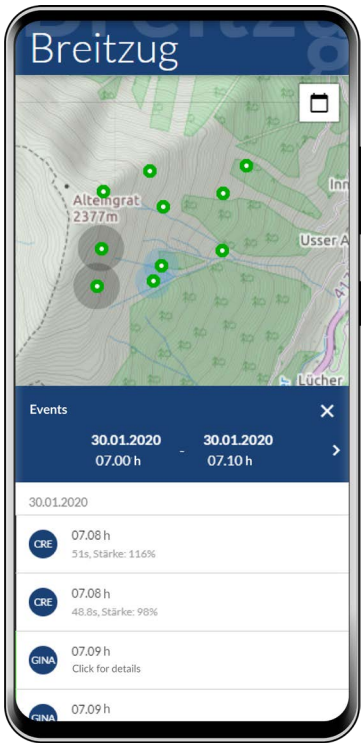
IDA® View



LIA® View



GINA® View



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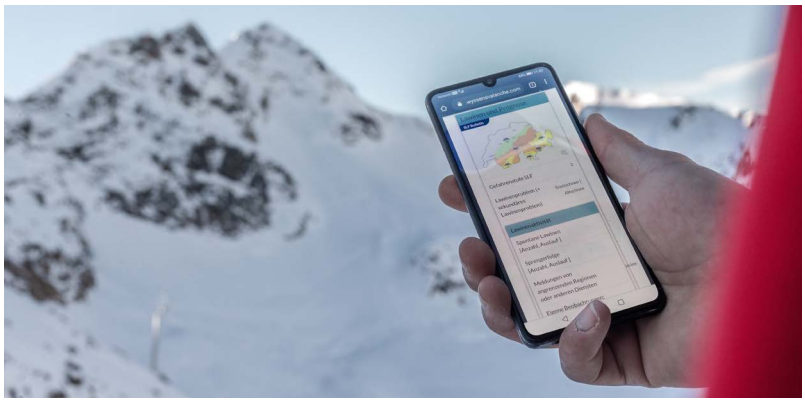
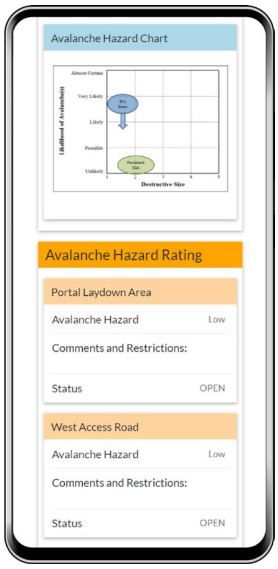
Assessment

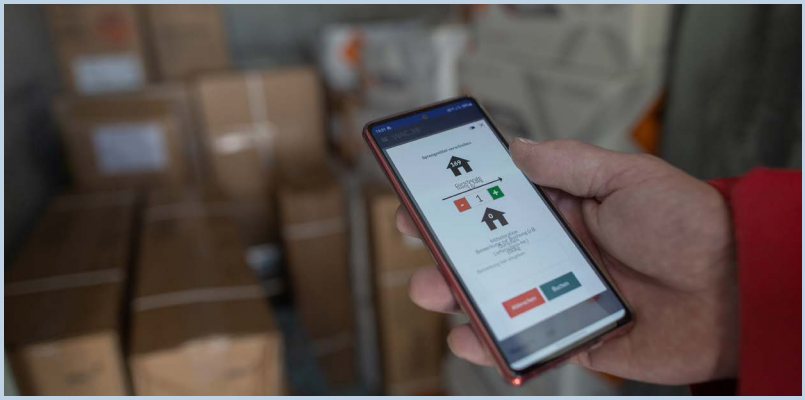
The **Assessment** module is used for risk analysis and action planning. It is a process-driven tool for assessing the avalanche situation. The prerequisite is a current and well-founded security concept developed by the customer and an engineering office with appropriate experience.

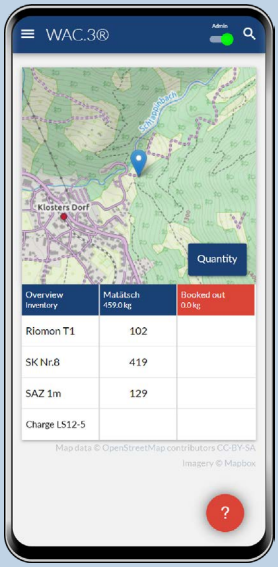




Explosives

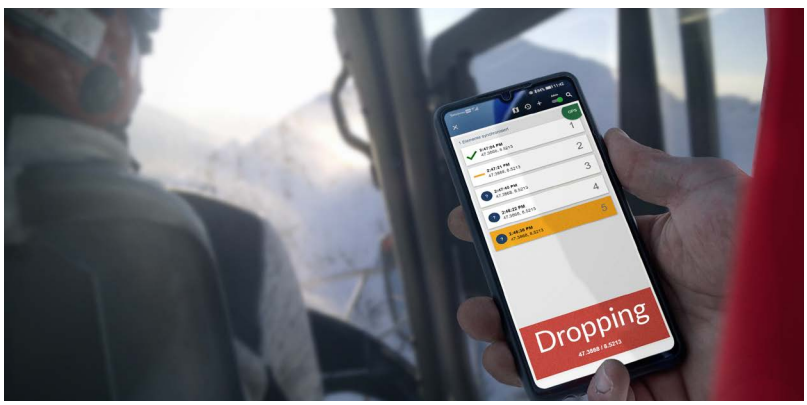
The **Explosives** module is used for accurate explosives inventory and record keeping. This module makes the booking of explosive magazine entries and exits in an easy and intuitive way. Storage and product information is saved and all activity is logged and documented.

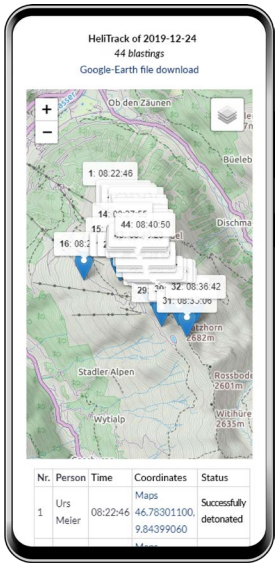




Helicopter control

The **Helicopter control** module documents avalanche blasts from the helicopter. The location, time and results of blasting operations in helicopters can be easily recorded on the move. Additional information on blasts and their coordinates can be added afterwards.





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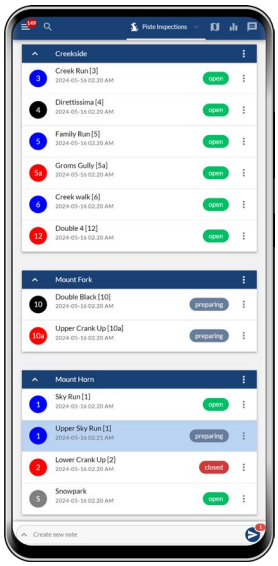
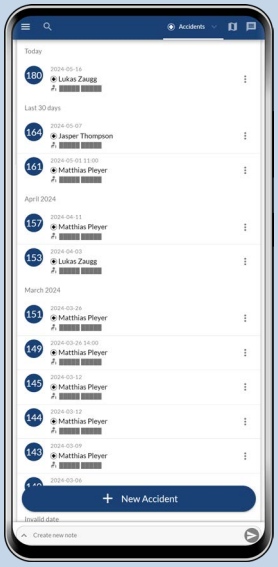
Piste inspection

Piste inspection reduces the administrative effort for slope checks and slope conditions to a few swipes on a smart phone.
Irregularities can be documented with a photo and text for each slope.
The information is displayed centrally in the cockpit journal and the documented for simple traceability



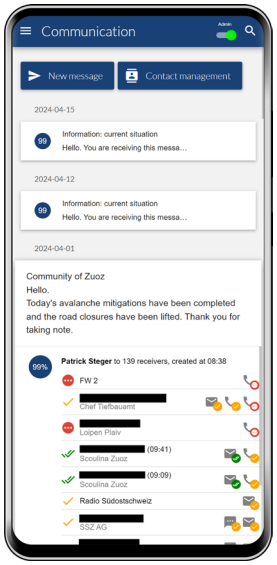
Accidents

The **Accidents** Module is used to record location and patient information at accident events. The information is recorded in two steps:
at the scene of the accident, GPS location is automatically recorded. Photos and patient information is recorded with the cell phone to maximize the time for patient care. Later in the office, the accident form can be completed and reports generated for accident data or invoicing, etc. The accident entry form can be customized for a variety of operations.
In combination with the module Piste inspection all slopes also appear directly on the overview map of the module Accidents and as a list in the accident form.
Accident evaluations can be easily carried out via an overview map or CSV export. The protection of sensitive patient data is guaranteed.



Communication

The **Communication** module enables communication with the public during avalanche control measures. Spoken messages are automatically broadcast by a variety of channels like text messages, emails and telephone calls; read receipts are received and displayed for each channel. Any message templates and recipient lists are stored via an intuitive database.



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