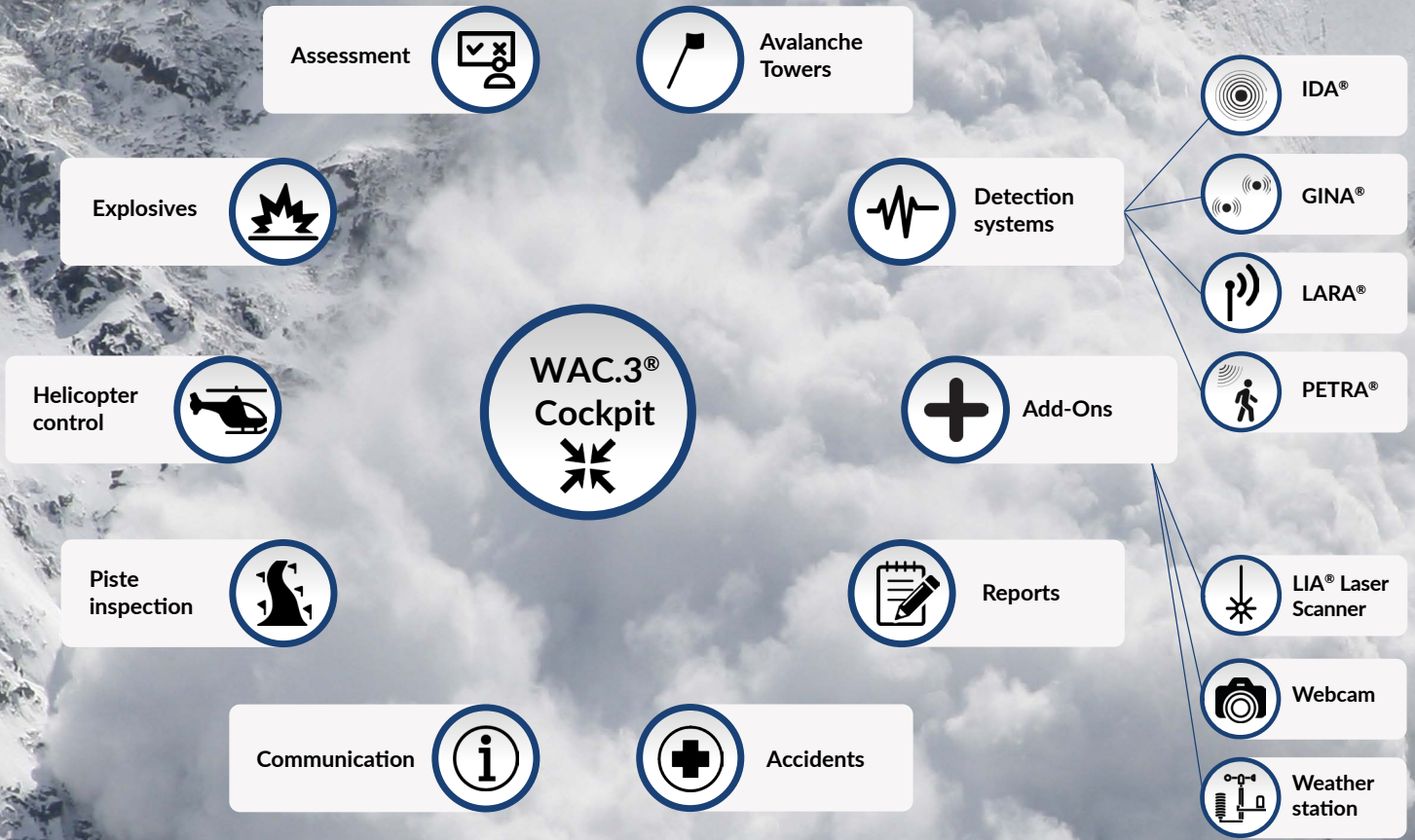


WAC.3®

Wyssen Avalanche Control Center



Safety through innovation

WAC.3® Software Modules

| Name | Function |
|-----------------------------|--|
| WAC.3® Cockpit Basic | <p>Information, documentation and communication platform for decision-making</p> <p>Tile view</p> <ul style="list-style-type: none">+ Wyssen add-ons in tiles (Avalanche Tower, LIA, AWS, detection systems)+ Information from regional avalanche forecasts+ Webcams+ Weather station database and timeseries plots+ File storage+ Links to third-party portals+ Warning symbols when any threshold values are exceeded <p>Journal: write notes</p> <ul style="list-style-type: none">+ Attachment of images and PDF+ Tagging of team members+ Tags for categorizing and filtering+ Response actions to notes (pin, important, check-off)+ Save the tile view with notes+ Mark tiles+ Automatic saving of tiles when writing a note+ Email / SMS notification when a new note is written+ Search / filter notes <p>Map view</p> <ul style="list-style-type: none">+ static geodata, organized in layers (avalanche tracks, avalanche towers, ...)+ Mapping avalanche observation and blasting protocol+ Interface for data sharing to other databases (e.g. mapped avalanches) possible+ Display GPS Position <p>Table</p> <ul style="list-style-type: none">+ Tabular representation of all data <p>Reports: Standard PDF from Journal</p> <p>**Installation costs: Integrating of the cockpit and the desired data sources, charged on a time basis.</p> |
| WAC.3® Cockpit Pro | <p>Upgrade for the WAC.3® Cockpit Basic</p> <p>Timeline</p> <ul style="list-style-type: none">+ Display of notes and events on a timeline+ Season summaries <p>Tile view</p> <ul style="list-style-type: none">+ Multiple available configurations+ Automated Email / SMS notifications <p>Journal</p> <ul style="list-style-type: none">+ Distribute notes to multiple cockpits+ Topics via notes (simple documentation of storms, avalanche cycles)+ Individually colored tags+ GPS location in note <p>Map view</p> <ul style="list-style-type: none">+ Dynamic data (AWS, webcams, detection systems, etc.)+ Individual base maps (e.g. integration of orthophoto, if available)+ WMS Layer integration+ SLF Layer: Avalanche mapping CH+ Mapping with individual input form+ Individual map views+ Data import from „Helicopter control“ and avalanche towers <p>Table</p> <ul style="list-style-type: none">+ individual presets <p>Reports: Individual PDFs from journal and map data</p> <p>24h login with read access</p> <p>**Installation costs: Integrating of the cockpit and the desired data sources, charged on a time basis.</p> |

| Name | Function |
|---------------------------|--|
| Assessment Basic | <p>Simple risk analysis and action planning</p> <p>Process-based risk assessment and planning tool. Digitalization of basic workflows and simple input tool for observations.</p> <ul style="list-style-type: none"> + Illustration of situation assessments via form <p>**Installation costs: Configuring the forms according to the safety concept</p> |
| Assessment Pro | <p>Complex risk analysis and action planning</p> <p>Process-guided hazard assessment and planning of operational measures. Digitization of complex well-founded safety concepts; that can be coupled to WAC.3® modules and communicated to external parties.</p> <ul style="list-style-type: none"> + Integration of data to the cockpit (weather data, forecasts, bulletins, ...) + Sending the Assessment via contact list (SMS, email) + Sending also possible via communication module + Automatic cockpit note on completion of a situation assessment + Customized PDF reports possible |
| Helicopter control | <p>Recording avalanche control results in the field</p> <p>Mobile and simple recording of location, time and success of avalanche control by helicopter</p> <p>**Installation: none required, integration of mapped avalanche paths if desired</p> |
| Explosives Basic | <p>Inventory of explosives</p> <p>Accounting</p> <ul style="list-style-type: none"> + Listing of all explosives and inventory + Simple booking of stock via drag'n'drop + Ability to combine materials into single explosive item + Inventory function + Display of stock levels in units or NEM (net explosive mass) + Logbook (chronological listing of all transactions) <p>Purchase slips</p> <ul style="list-style-type: none"> + Storage of all purchase slips with validity period and quota <p>**Installation costs: Setting up the storage and items on a time basis</p> |
| Explosives Pro | <p>Inventory of explosives with automated functions</p> <p>Accounting</p> <ul style="list-style-type: none"> + Simple booking of deliveries via XML delivery note + Selection and booking of explosives via barcode + Booking suggestions from the cockpit based on avalanche control entries in Cockpit <p>Avalanche Tower</p> <ul style="list-style-type: none"> + Replenishment of avalanche tower deployment boxes + Semi-automatic booking after avalanche control entries + Integration of third-party systems <p>**Installation costs: Setting up the storage and items on a time basis</p> |
| Communication | <p>Communication Assistant</p> <p>Semi-automatic communication for team coordination internally, external stakeholders or releasing information to the public</p> <ul style="list-style-type: none"> + Pre-defined recipient lists and groups + Distribution via E-mail, SMS or voice message <p>**Installation costs: Setting up the communication channels and the list of recipients on a time basis, largely executable by the operator</p> |

| Name | Function |
|-------------------------|--|
| Piste inspection | Slope inspections Documentation of slope inspections and conditions. Simply entry via swipe on mobile device. |
| Accidents | Accident database Recording and evaluation of accidents in the ski area Automatic accident transmission to external accident databases possible. |

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All modules can be activated or terminated at any time without advanced notice. Further modules are under development.

**Installation, adjustments, etc. are charged according to time and effort (2h included)