

Making skiing easier with digital access

Klika builds a hands-off smartphone ski pass for one of the biggest access solutions providers



Client Overview

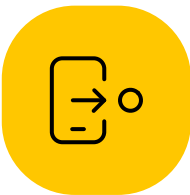
Our client is a global leader in access solutions, operating in more than 100 countries across various industries, including stadiums, airports, and ski resorts. Their solutions enable efficient, reliable, and secure movement for both people and vehicles. As the demand for smart, flexible access management grows, particularly in ski resorts and entertainment venues, they partnered with Klika to develop an innovative digital solution—a virtual ski pass.

Challenges

The project involved creating a seamless, omni-solution mobile app for ski resorts. This app needed to replace physical ski passes with smartphone-based, contactless access using Bluetooth technology. The main challenge was to develop a system compatible with third-party technologies used by different resorts, while offering superior user experience. Additionally, it had to validate tickets, track skier activity, and manage controlled access to ski slopes, all in real-time. The client also faced a tight deadline, as the app needed to be ready for the ski season, which was just 4 months away.

Klika’s Solution

To provide a seamless and contactless experience for skiers, Klika implemented the following key solutions:



Developed a mobile app using Flutter for cross-platform compatibility (iOS and Android).



Integrated Bluetooth Low Energy (BLE) technology for real-time communication between the skier’s phone and the ski resort’s system, enabling automatic access to ski lifts.



Created a scalable app architecture, allowing for future feature upgrades and system integrations.



Worked in an agile framework, ensuring close collaboration with the client to meet tight deadlines.



Conducted rigorous testing to ensure reliability, security, and an excellent user experience.

Results

The app is now used in ski resorts across Europe and serves thousands of skiers daily during the ski season. It has simplified the skiing experience for guests while increasing efficiency and lowering operational costs for resort operators. Klika continues to work on enhancements and updates to meet the growing market demand.

Technology Stack



Flutter



Bluetooth Low Energy

