

High Performance Center of Chile, National Sports Institute Access Control in Sports Center



Project Description

Project Location: Santiago, Chile.

The High Performance Center of Chile (CAR), belonging to the National Sports Institute (IND) is a sports complex, located in Santiago of Chile, designed to comprehensively assist elite athletes in the country. For this, it has a 7,500 m2 sports center and a sports residence.

An access control update was carried out at the Sports Center. In search of quality and practicality, they implemented Turnstile with fingerprint readers and with the possibility of reading IDs.

Project Requirements

- Access control for the more than 100 workers and nearly 2,500 athletes who attend the facilities
- Verification at all access points between turnstiles and door for people with disabilities
- Emergency opening linkage
- Control over the visiting hours that come to your structures
- Access with identity card

Client: National Sports Institute (IND)

Specifications

Type	Products	Quantity
Software	ZKBioSecurity 3.2	1
Hardware	TS2022 Pro	2
	InBio 260	2
	SLK20R	1
	Lector Cédula con Conversor Rs232	2

Application Diagram



Solution Description

Two turnstiles TS2022 Pro were installed at the main entrance of the High Performance Center with two(2) controllers Inbio 260, one that controls the two turnstiles and the other for the entrance for people with disabilities.

In addition to this, one of the turnstiles was modified by the factory in one of its upper covers, internally adapting an ID card reader with 232 communication protocol, which through a converter modifies the protocol from 232 to Wiegand to that is received by our controller InBio.

These, together with some FR1200 biometric devices, serve as a verification method to control the workers, visitors and athletes who attend the facilities. In addition to that, the solution includes a SLK20R for fingerprint enrollment.

As for the software used, this entire system is managed through the ZKBiosecurity 3.2 Software.

