

Wireless Networks

WLAN networks

for fitness and cardio equipment

Customer requirements

The customer has an extensive networked training, documentation and management system that he provides for fitness studios and rehabilitation facilities. The product which is being focussed on was provided with wired networking to date; it consists of a software and the corresponding display for the fitness equipment and a software for cardio equipment with an own display. As wiring can only be installed in the aftermath with a lot of effort and expenses, the requirement therefore was the development of a wireless network.

Technology used

- WLAN
- Linux
- Windows XP embedded

comlet solution

comlet's solution was a WLAN network for the individual fitness and cardio devices. They are fitted with a corresponding module including software that was designed for the application. As the cardio equipment is missing an interface for the WLAN module, a fitting hardware adapter had to be developed for these systems (see project reference Device Server).

Due to comlet's solution, the customer did not have to make any changes or adjustments to his existing system. In order to set up the WLAN, professional access points were used.

