SynPeople Hardware Architecture

SynPeople, the advanced application for time and attendance, offers the use of the fully integrated the SynTime badgereader.

The **SynTime badgereader** was especially designed to integrate flawlessly with the SynPeople application and to offer the most advanced features. It offers your employees a true window on the SynPeople en SynPeople e-HR applications.

Preloaded with Embedded Linux, a real-time database and a web server, the software

functionality is almost seamlessly. Standard the SynTime offers you the classic functions of a time and attendance terminal, but it can in addition function as a flexible information input and output terminal. Specific interactions and screens are flexible plugged in on customer request.

A high resolution, full colour graphical touch screen ensures the data and user interactions can be shown in a comprehensible and user friendly way. Programmable buttons and icons allows that dialogues between user and application can be easily configured in the way you prefer.

Your employees are identified with the on board RFID badge reader. SynTime support a broad range of RFID technologies so it can be adapted to your current used RF badge technology (EM41XX, HID, Mifare serial number, Mifare sector, ...).

Below you can find an overview of the most important standard functionalities:

An information window for your employees:

The Graphical Full Colour Display gives you a clear overview on all information at a glance. When an employee presents his/her badge, an overview of the day is given with all registrations of that day on time scale. Optionally one can personalise the response by displaying the photo of the employee.

Programmable functions keys with configurable icons can be setup to display a wealth of information and input functions: personal data, absence and holiday counters, attendance and overtime counters, flexitime balances, etc..

RFID identification technologies:

The SynTime terminal can be adapted with an RFID badge reader. A broad range of RFID technologies are supported to support you current used RF badge technology: EM41XX , Mifare serial, Mifare sector, icode, HID, Indala, Desfire, etc.

Identification card exist in many forms: bankcards, key fobs, wrist bands, etc.

Connecting the SynTime in your network:

The SynTime terminal supports standard Ethernet TCP/IP (RJ45 connector). This way it can be connected directly to your existing network.

Optionally, the terminal can make use of POE (Power Over Ethernet) and WIFI (wireless Ethernet).

The terminal communicates if possible in real-time with the SynPeople application. However all data are also locally stored in FLASH memory to ensure offline operation.

With SynTime you can setup small networks on one site to very large networks. It supports multisite networks and even different countries and time zones, locales and languages.
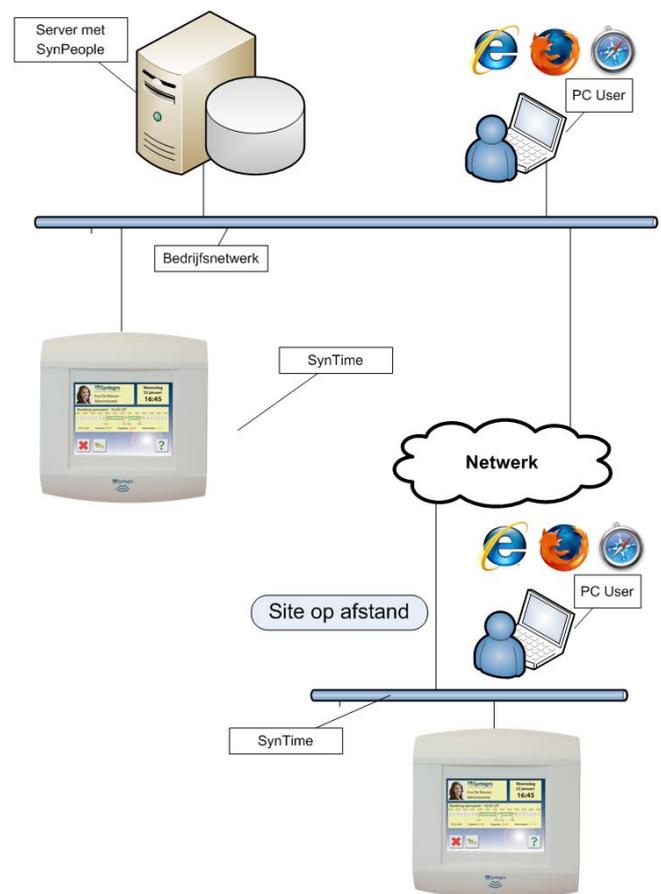
Compact and versatile:

- Compact housing: 200 x 210 x 48mm (B x H x D)
- Graphical full colour display: 640 x 480 pixels with LED backlighting
- Programmable software keys using the touch screen
- TCP/IP –RJ45 Ethernet connector
- RFID badge reader