

LANCOM Reference Projects

Wireless LAN in Hospitals



Customer

The **Deaconess Hospital Utrecht** has three sites: Utrecht, Zeist and Doorn. A total of 2600 employees and 140 medical consultants work in the three hospitals. Utrecht is the largest of the three. The Deaconess Hospital has for a number of years now appeared in the annual Top Ten best hospitals as listed by the Dutch daily paper 'Algemeen Dagblad'. In every area the patient is the center of attention.

Idea / Requirements

- Improved efficiency by **introducing electronic treatment and patient files**
- **Fast electronic access** to the latest diagnoses
- **Easy expansion** to cover the entire hospital and to integrate additional services, e.g. Voice-over-WLAN

Solution

- LANCOM access points provide **full wireless network coverage on two wards**.
- Direct bedside entry of patient data via **mobile WLAN-connected computer tables** with thin clients

Advantages

- **Manual writing made obsolete** by direct storage of all data in the digital treatment file
- **Up-to-date diagnoses, laboratory values, etc.** available
- **Rapid access to important diagnostic findings**
- **Accurately maintained treatment files** due to the removal of manual error sources
- Less time spent writing the treatment file, **more time for the patients**



Infrastructure

240 LANCOM Access Points

1 LANCOM WLAN Controller

suitable for operation in medical environments

