

Efficiency to emergency care processes



Birdstep's SafeMove brought efficiency to emergency care processes; staff productivity was increased by almost 30 %. Previously wasted time (for the collection of material, copying of information and travelling) was recovered completely because all of the material, documents and emails were now continuously available.

Background

According to new research, up to one-fourth of a doctor's time is wasted because of insufficient patient information. The research, conducted by the Lappeenranta University of Applied Sciences in 2006, revealed that the work time lost daily ranges from 12 to 25 percent.

Separate research, the CreaProc project conducted by the Department of Information Processing Science of the University of Oulu, explored how the Birdstep's SafeMove software system serves helped improve the productivity of the staff at the Helsinki and Uusimaa Hospital (HUS) district in their everyday work. The purpose was to create reliable data about the costs and quality of mobile work processes, compared with the previous and current processes. The emergency care process was chosen for closer analysis. The research described the process of the emergency care administrator* before and after SafeMove deployment. The administrator works in three different locations: at home and in two offices, moving frequently among them every day.

SAFEMOVE KEY BENEFITS:

- All work time became efficient, because all applications were accessible regardless of time and place.
- A remote consultant is able to access any patient's laboratory results and x-rays from a computer at home, then consult with the doctor on duty at the hospital.
- It was possible to conduct work when inspired, even when away from the office.
- Work habits became more flexible with the ability to continue where leaving off earlier, thereby improving work/life balance.
- Seamless and secure wireless access made it easier to work productively in a networked organisation.

* Emergency care team's critical care consultant in anaesthesiology

