

HOTI⁺

Home care information system

Optimises home care operations by offering electronic availability of otherwise time-consuming protocols subject to errors.

Introduces new innovative functions that improve e.g. the quality of work, coping at work and work safety.



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SOLUTION

HOTI is a home care information system designed for public and private service providers.

HOTI is used by nurses visiting customers' homes for e.g. recording and reading care and customer data as well as for communications (HOTI Mobiletool). Mobiletool frees the nurse from the office routines to care work.

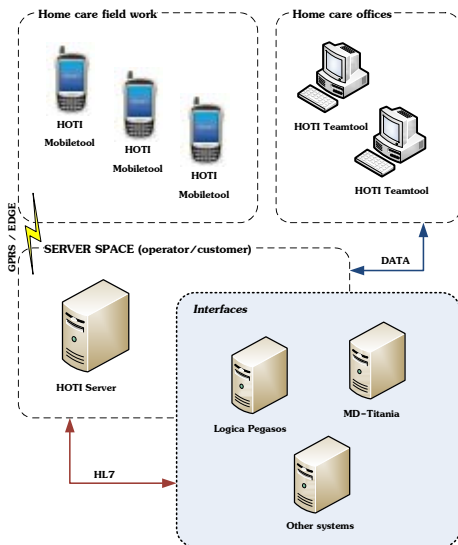
HOTI is also inclusive of a work station based work planning and development tool, HOTI Teamtool, utilised in home care office operations. Teamtool is also directly connected with the Mobiletools used by nurses in the field, thus it is well suited for issuing work orders also during the day.



FEATURES

- Work shift planning
- Customer visit planning
- Centralised resource planning
- Monitoring of customer data supporting care, compilation of work statistics and structural recording of care work in the field
- Communications, phone and security services
- Work and care development tools
- Interfaces, HL7 support

The following additional features can be integrated to HOTI: vital signs meters, working time monitoring, travelling expenses monitoring, protocol, medicine guide and RAI Resident Assessment.



ADVANTAGES

Economy

- Savings in time total a minimum of 15 minutes/nurse/day
- Resources can be transferred from unproductive work (e.g. office routines) to productive care work

Time for the customer

- Compilation of statistics and recording of care work processes can be carried out during the customer visit
- The map can be utilised for planning the customer visit route while allocating the visits
- Changes during the day and unplanned visits can be carried out without unnecessary phone calls

Quality improvement

- Recording errors in different working stages are erased (e.g. compilation of statistics, recording of care work, working time monitoring)
- The need for service can be predicted
- Interaction within the team is improved
- Necessary data supporting the care is always available, backing up decision-making in the field

Work safety and coping at work

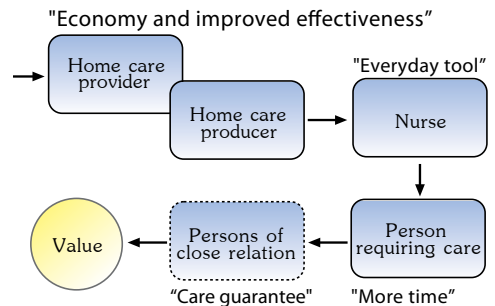
- Coping at work is improved as the concerns about the customer's condition can be processed systematically within the organisation (Concern Indicator)
- The nurse's alarm button and automatic alarm function add safety especially to the evening and night visits

Consistent practices

- Making field and office practices consistent
- Enabling the implementation of joint protocols in the public and private sectors

Work development

- Reporting functions provide the core data for work development; they provide regional and team-specific statistical data on the resources utilisation rate, service volumes etc



- HOTI provides benefits for the entire care work value chain

EXPANDABILITY

HOTI operates equally efficiently in small and large units, and implementation thereof is prompt. HOTI has been constructed by using the PlugIns technology, whereby each function appearing in its main menu is an individual application. This application framework enables not only quick and high-quality product development but also, if necessary, realisation of customer-specific solutions as part of HOTI.



USABILITY

HOTI Mobiletool operates similarly to a phone, though it is used for carrying out data processing typical of a computer. Mobiletool is operated by a “pointing device” we all have since birth – our fingers. The touch screen reacts to finger movements accurately and quickly.

It is easy to adopt the use of Mobiletool, as moving around in the user interface is like browsing the pages of a book. The movements between different display screens are shown animated.

LUOVALIIKE OY

Founded in 2004, Luovaliike Oy is a Finnish company specialised in health care and welfare technology. Our mission is to enable life long living at home by creating innovative products generating benefits for the whole care work value chain, from service producing organisations to the patient and persons of close relation.

OPERATIONAL RELIABILITY

The nurse does not have to worry about opening the telecommunications connections, or the fact that the connections may not always be available. The nurse can use Mobiletool without intermission and delay regardless of the status of the connections – unlike many other e.g. teleworking desktop solutions, dependent on the telecommunications connection of the mobile phone network, and its strong signal.

The smart PDA itself is also an important part of the operational reliability. Mobiletool utilises a professional device meeting the demands of home care field work:

- physical endurance (dropping, splatters, dust and frost)
- operation time without charging over 10 hours
- battery is easy to change – device can be used in several consecutive shifts
- long life-span (over 5 years)
- device is light, shaped to fit the palm of your hand, easy to carry
- high-quality support and maintenance services

DATA SECURITY

When processing customer data, significant emphasis is placed on data security. The nurse logs on to Mobiletool by using her personal user ID and password. Mobiletool’s database is encrypted. Automatic logout prevents malpractice in case the device is lost. Telecommunications connections run in the service provider’s own protected GPRS/EDGE network.