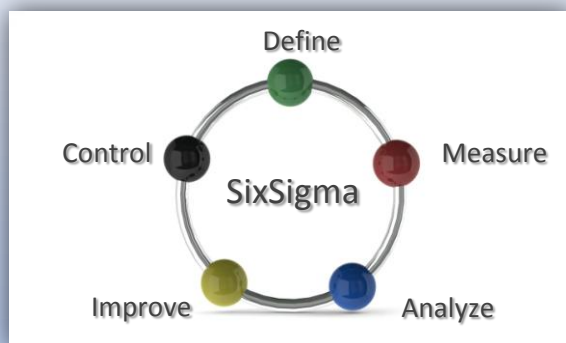
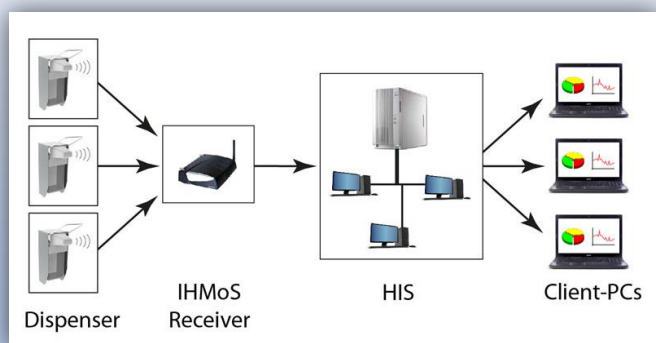


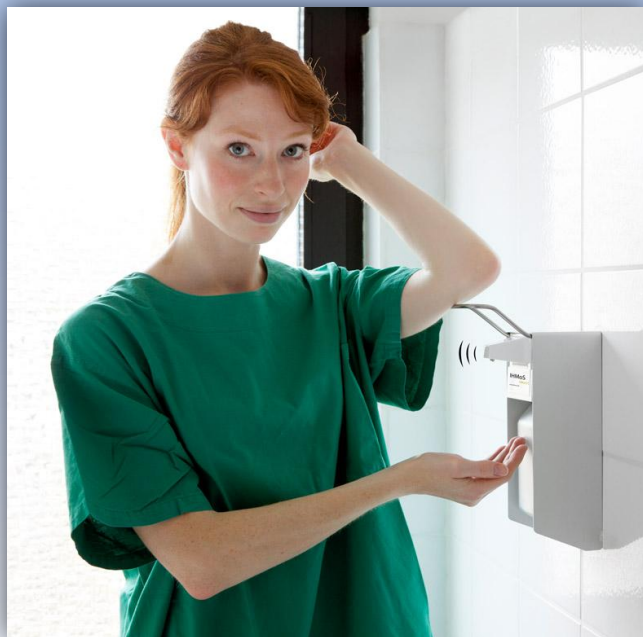
# IHMoS<sup>®</sup>

## Intelligent Handhygiene Monitoring System

IHMoS enables fully automatic measurements of hand hygiene compliance. Thus the automation of observing the number of hand disinfections enables real time monitoring of problematic areas or entire hospitals.



The system consists of dispensers which emit a wireless signal each time they are used. The signal contains information about date and time as well as the name of the used dispenser. These information are stored in the Hospital Information System and can be accessed by each client computer.



Once installed IHMoS is literally invisible. Most dispensers can even be refitted with IHMoS.

The energy-efficient electronics operate for years without having to change batteries.

Usually only one receiver is needed per ward.

The IHMoS software solution manages the collected data and generates user-oriented reports that enable immediate conclusions regarding the quality of hand hygiene.

In so doing it is possible to focus on weaknesses and improve the hygienic situation.

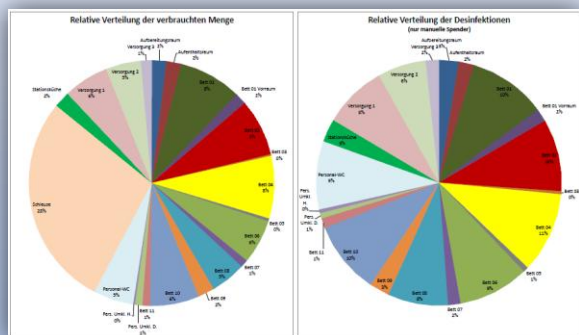
Hand hygiene compliance can only be improved by being measurable. Only a measurable value can be improved continuously.

**Only a measurable value can be improved continuously!**

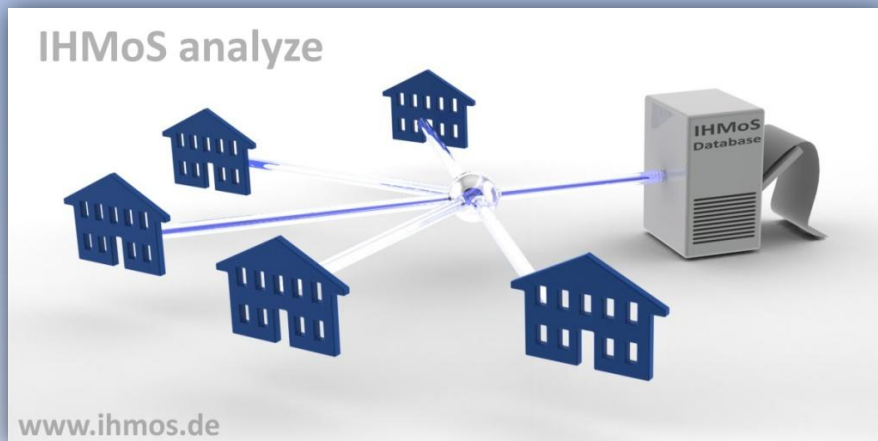
# IHMoS®

## Intelligent Handhygiene Monitoring System

Due to the fact that changes of the refitted dispensers are invisible, the measured results mirror the usual user behaviour (no Hawthorne effect, e.g. observed in announced monitoring). An energy sufficient low-power technology transmitter, installed in the dispensers, is the key.



The placement of the dispensers is flexible and can be changed easily afterwards. Each dispenser usage, including date and time, is recorded in a central database. Significant statistics for any monitoring period can be generated when required. Besides the number and date of hand disinfections, input of additional information, such as number of patients and surgeries, type of treatment etc. enable IHMoS to generate further reference values.



Based on the generated statistics, conclusions regarding hand hygiene can be drawn quickly.

According to the number of used dispensers, single areas (e.g. entrance of operating room, intensive care units, isolation wards etc.) or entire hospitals can be analyzed.

Potential irregularities of disinfectant consumption can be localized immediately and corrective actions can be taken. As a result staff trainings can be conducted at the exact right time and place.

Every hospital using IHMoS can be connected to the IHMoS database, a central database for the collected hand hygiene data. As IHMoS stores hand hygiene data of all participating hospitals it is possible to compare the hand hygiene status with the average values of all other hospitals. Thus the incentive on improving hand hygiene can be increased even more.