



## AUTOMATIC DATA COLLECTION



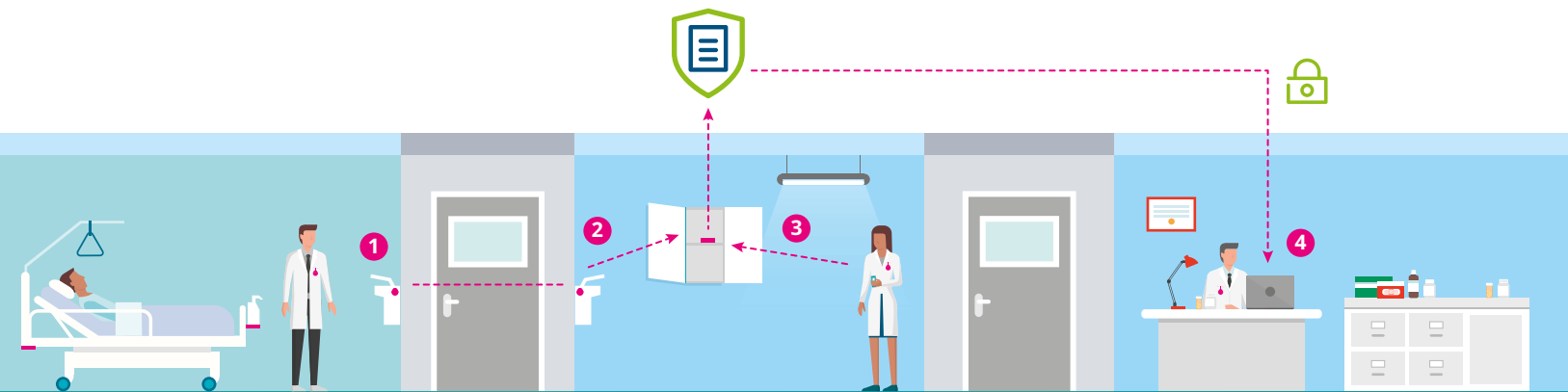
## INTERACTIVE EVALUATION



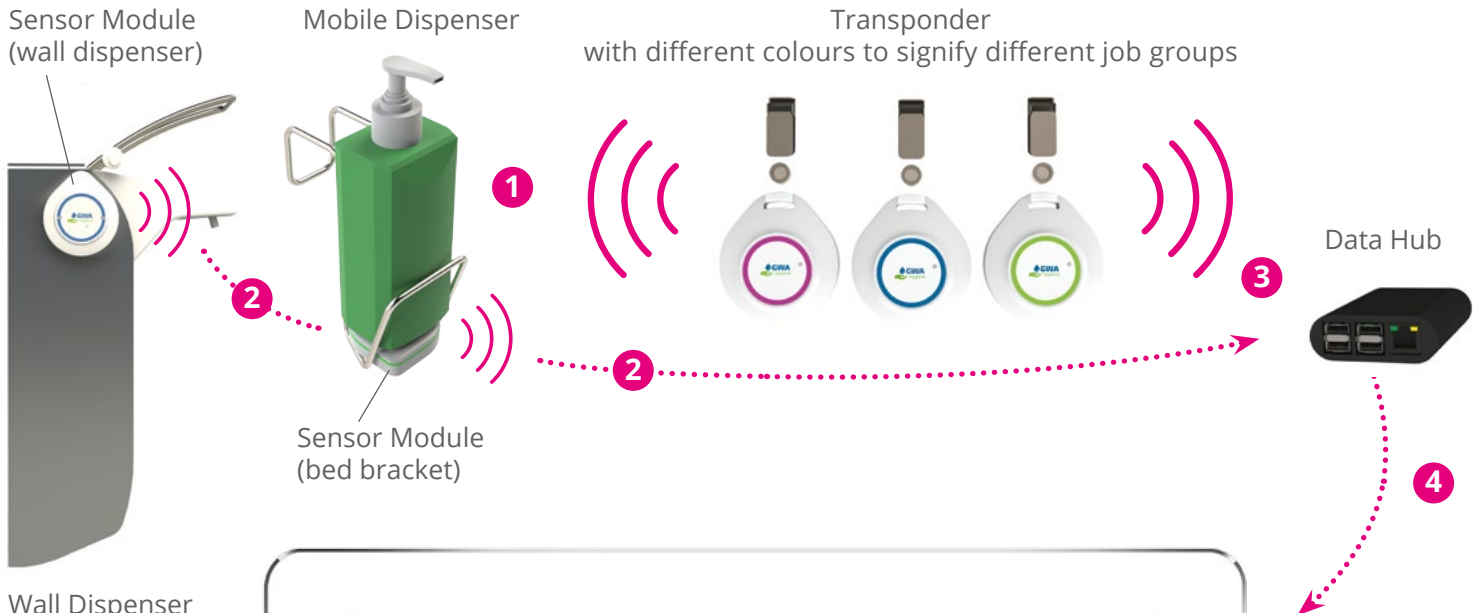
## PREVENTIVE ACTION

The hand hygiene monitoring system “NosoEx” consists of a sensor module, a transponder and a data hub / tablet.

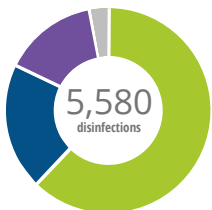
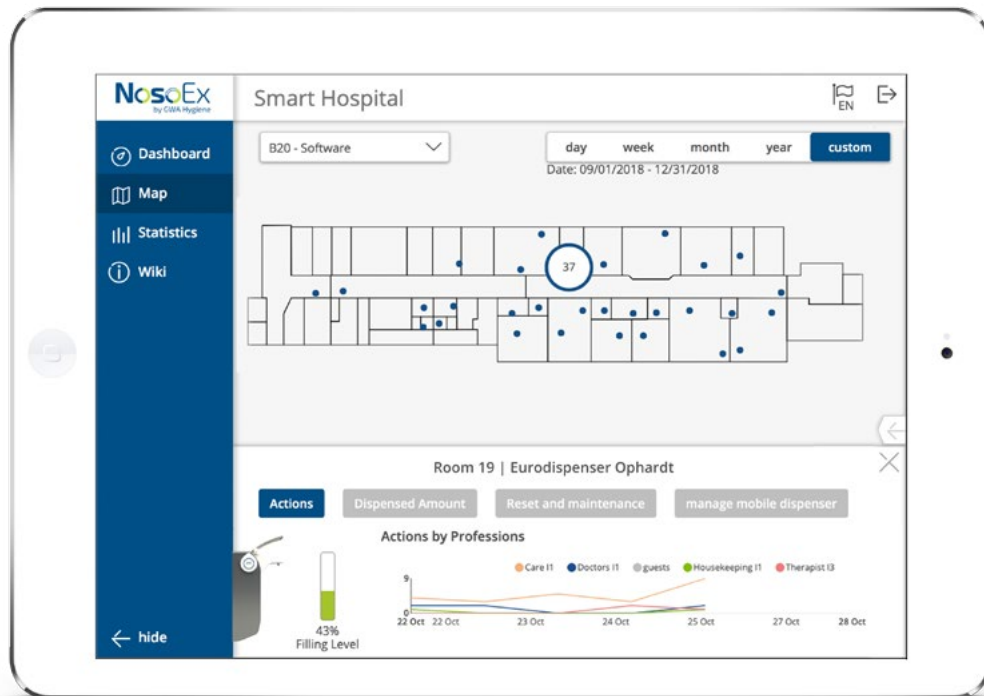
Data is transferred to the data hub / tablet, that is positioned at a central location at each hospital ward. From there the data is uploaded to a central server, where it is aggregated, analyzed and visualized. The customer gets secured access to the own data reporting.



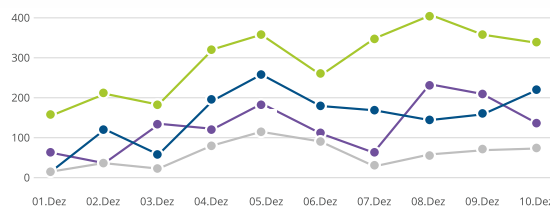
- 1** Anonymous recording of the operation of the disinfectant dispenser by the NosoEx sensor module.
- 2** Forwarding of the data via NosoEx own network.
- 3** Transfer of the data from the sensor module through the employee's transponder to the data hub by simply walking by. The data hub collects all data and transmits them to the server of a certified data center.
- 4** Access to the NosoEx data via encrypted connection. Inspection of detailed evaluations of the actual disinfection behavior in the facility.



Wall Dispenser






- 57% Caregivers
- 20% Physicians
- 15% Therapists
- 8% Guests / Patients



- Correct disinfections
- Insufficient disinfections



| Technical data                   | NosoEx Sensor Module<br>(wall dispenser)  | NosoEx Sensor Module<br>(bed bracket)  | NosoEx Transponder  |
|----------------------------------|---|--|---|
|                                  |  |  |  |
| <b>Dimension (WxHxD in mm)</b>   | 54 x 16,8 x 54  | 67 x 67 x 21   | 60 x 17,5 x 54  |
| <b>Weight</b>                    | ~23g  | ~55g   | ~25g  |
| <b>Operating frequency range</b> | 2,4-2,48Ghz (max. 2dBm)   | 2,4-2,48Ghz (max. 2dBm)  | 2,4-2,48Ghz (max. 2dBm)   |
| <b>Energy supply</b>             | Cr2450,<br>nominal 3V / 620mAh  | 2 x LR6 (AAA),<br>nominal 1,5V / 1200mAh   | Cr2450,<br>nominal 3V / 620mAh  |
| <b>Construction</b>              | ABS   | ABS  | ABS   |
| <b>Operating temperature</b>     | 5 – 50 °C   | 5 – 50 °C  | 5 – 50 °C   |

**This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:**

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.