



# NEXUS & DARVIS

## Together for the future of OR logistics

NEXUS / DARVIS aims to automatically track and visualise objects in the medical device circuit by means of optical sensors and AI-supported evaluation of the image material. With the seamless integration of the software for optical recognition into the documentation and planning system NEXUS / EuroSDS, time-consuming manual activities, such as scanning codes to record the objects, will be eliminated in the future.

This approach raises automation - and thus planning reliability - in operating theatre logistics to a new level by making previously invisible process information accessible: Where are the sterile goods exactly? When will it be available again? This data is available to users in the OR and rumed in real time and is visualised in the form of a dashboard. The staff can concentrate on their actual activities and are supported by the software in the background.



## Partnership: Best of both worlds

**NEXUS' EuroSDS** is one of the leading solutions for sterile good and instrument tracking and covers all process steps from cleaning, packing, sterilisation & approval, commissioning & transport, consumption analysis and the journey back.

**DARVIS'** visual intelligence turns the real world into useful data. Our visibility layer for objects, assets, QR codes, containers, people, packages, patterns and status of objects provides transparency and unleashes new levels of productivity.

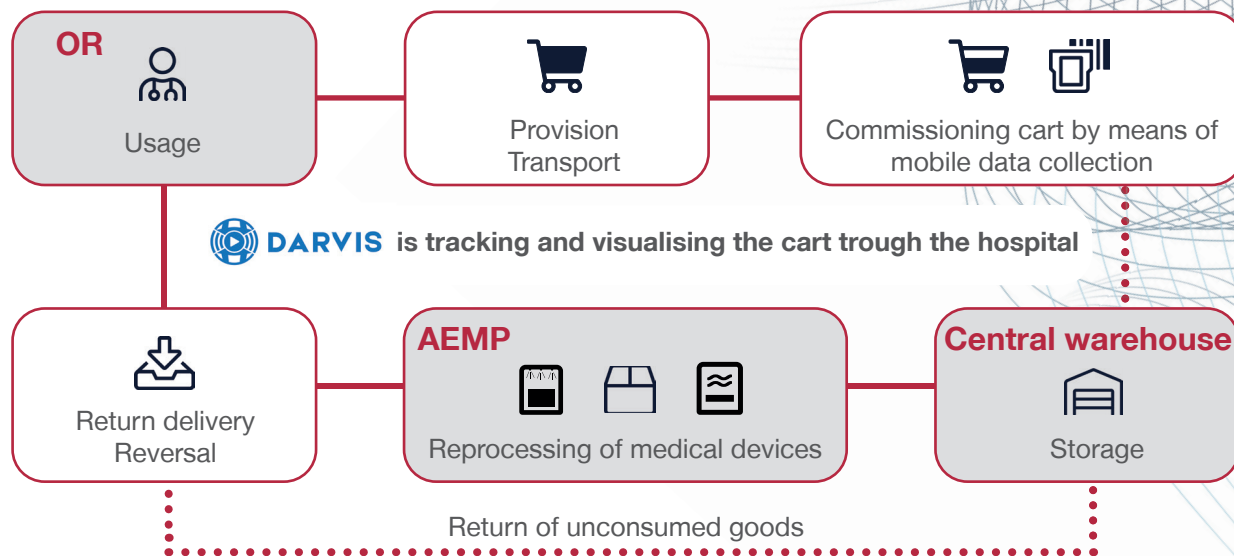
*„Automation, visibility, artificial intelligence - against this background, we will develop solutions together with our partner Darvis that offer our customers real process advantages in OR logistics. We look forward to working together,“*

- Marion Härtel, NEXUS/ IPS management.

*„Through the partnership with Nexus, we are linking our visual intelligence in the sterile goods cycle with procedural information, so that our customers have maximum control over their processes and ultimately autonomous flow control via the fully integrated tracking solution.“*

- Jan-Philipp Mohr, CEO and co-founder of DARVIS Germany

## Supply process with darvis support



## Future Development - Surgical Instruments

Taking the journey with DARVIS from „turning on the light“ to leveraging predictive analytics and forecasting to manage your instruments

- Stage 1 Turning on the light and acquiring true on-the-ground data**
  - + Instrument location insight
  - + Tracking instruments in trays and trays in carts
  - + Digital record of sterilization history, inventory, and usage
  - + New staff training on instrument identification
- Stage 2 Bring data to life through reporting and analytics for each use case**
  - + Personnel recognition when handling high-dollar equipment
  - + Tracking to the patient (EMR integration)
  - + Cost per instrument (ERP integration)
  - + Custom reporting & analytics on sterilization history, inventory, and usage
  - + Washer & sterilizer integration
- Stage 3 Enable strategic optimization through predictive analytics**

### Your benefits at a glance

- + 24/7 visibility of processes, costs & inventory
- + Relief personnel from unwanted tasks
- + Automatic real-time documentation
- + Extra quality assurance layer
- + More reliable planning of surgeries
- + Prediction of delays and availability
- + Platform allows further use cases over same hardware