

TELEPORT – Mobile Solution for Telemedicine



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TELEPORT outside sterile area
Central access point



Workstation dedicated to information-centric tasks

- Administrative tasks
- Pre-procedural planning
- Clinical content documentation

Control of the integration system through two 24" touch display mounted on a cart. All components are integrated in the cart.

CX-DIRECT
Audio/Video Management

10 inputs

3 outputs

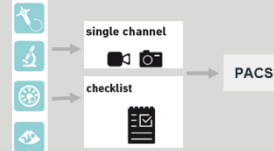
- Compatible with wide range of inputs from analogue signals to **Full HD**
- Outputs are mirrored

4 audio inputs

4 audio outputs

- Including wireless microphone

CX-STUDIO
Medical Documentation



- Fill out safety checklists
- Record video and audio
- Save recorded images and videos in the local PC drive
- Integrate with PACS / HIS / EMR

CX-SHARE
Streaming and video-conferencing

- The software streaming solution distributes audio and video to recipients outside the O.R. Enables unidirectional audio and video distribution
- Video conferencing enables remote sessions with other physicians with bidirectional audio and video communication and by sharing real-time clinical content.

Why they need to buy and key requirements

Existing needs

- Telemedicine systems are expensive (about 200k-300k\$) and the need is not constant. Mobile deployment allows to reduce costs while meeting the needs.
- Emerging markets still need to be educated on the integration solutions, they already need HIS / EMR / PACS access stations. **TELEPORT** is a great flexible combination of the two.

Key considerations for deployment

- Medical panel PC with newest IT specs
- Video management system has base input options and can further be extended with
- Mobile deployment gives a roll-in and roll-out capability enabling on-demand use
- All components are built inside the technical housing of the **TELEPORT**
- Cabling of imaging sources, network and power still has to be done if **TELEPORT** is rolled into an O.R., it can be combined with universal plugs

Unique Selling Points and Strategic Value

- **Mobility:** system can be brought in the O.R. on-demand
- **Resource sharing:** system is shared across various rooms. Ambulatory rooms can become an minimally invasive surgical suite instantly
- **Hygienic:** TELEPORT front is IP65 certified and it can be disinfected with common hospital cleaning agents.
- **Nursing station use-case:** Solution can be used as a nursing station enabling access to HIS and other departmental-level information systems covering the need for a nursing station PC
- **IT-Friendly:** Hospital-specific software can be installed on the system and it can be integrated with hospital own LDAP/Active Directory system

- Telemedicine needs can be segmented in three categories
 - O.R.: tele-education, tele-training and tele-surgery (primary target group, bundle covers 100% needs)
 - Examination rooms: tele-consultation (secondary target group, bundle covers 80% needs)
 - Other locations: tele-monitoring (IoT is a big enabler)
- The system is a budget-friendly integration solution for O.R.s with videoconferencing needs. It is a good way to familiarize hospitals with O.R.s integration to later upsell then with fixed installations.