# TIS - TELE MTRA and beyond ...
**100 good reasons for the Telehealth Interactive Service (TIS):**

**VEPRO**
eHEALTH Solutions

| Remote control medical devices | |
|---|---|
| MRI | ✔ |
| CT incl. control pad | ✔ |
| Angio system | ✔ |
| X-Ray System | ✔ |
| Manufacturer independence | ✔ |
| No intervention or installation by/from third-party software on the medical device | ✔ |
| Number of controllable console monitors per device | **3** |
| Remote control of consoles/workstations with up to 4K (8 mio. Pixel) Screen resolution | ✔ |
| Remote control within the local site | ✔ |
| Remote control from any IT device - anytime, anywhere | ✔ |
| Required Internet bandwidth with simultaneous remote access to 3 medical devices at one location | **5 Mbit/Upload** |
| Parallel device control via remote Tele-MTRA and local Employees | ✔ |
| Device control only by remote tele-MTRA | ✔ |
| Simultaneous 1-click connections to any location | **20** |
| Simultaneous remote control of any medical devices per location | **20** |
| Parallel access to medical device by companions | **4** |
| Companions have only monitoring rights - no remote control | ✔ |
| Omission of monitor, keyboard, mouse of the medical device due to a TIS remote workstation | ✔ |

| Video/audio connections at the device location | |
|---|---|
| WEB cams support | ✔ |
| IP camera support | ✔ |
| Support of NDI devices (Network Device Interface) | ✔ |
| Video/audio communication to local employees | ✔ |
| Video/audio communication to the examination room/patient | ✔ |
| Local video monitoring of up to n-cameras | **12** |
| Local audio monitoring of up to n-audio sources | **12** |
| Parallel video cameras in the video conference | **12** |
| Automatic call acceptance | ✔ |
| Manual call acceptance | ✔ |
| Local standby mode (paused video/audio transmission) | ✔ |

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| Video/audio connections at the device location | |
|---|---|
| Fullscreen video per camera | ✔ |
| Split screen video with any cameras | ✔ |
| Live video broadcasting to any streaming channels | ✔ |

| Remote workplace | |
|---|---|
| Remote control / monitoring with desktop (Windows, MacOS, Linux) | ✔ |
| Remote control / monitoring with mobile devices (IOS, Android) | ✔ |
| Max. Number of cockpit monitors | 8 |
| Max. Number of video participants | 20 |
| Max. Monitor Resolution | 3840 x 2160 (4K) |
| One control window for console monitor & control pad (CT) | ✔ |
| Parallel video conferencing with multiple sites | 4 |
| Prevention of remote data storage | ✔ |
| Permission of remote data storage | ✔ |
| Required Internet bandwidth with simultaneous remote access to 3 medical devices at one location | 5 Mbit/download |
| Required Internet bandwidth with simultaneous remote access to 3 locations with 3 medical devices each | 5 Mbit/download |
| Multilingual operation: German / English / French / Spanish / Russian | ✔ |

| Remote access to local IT programs | |
|---|---|
| Remote access to the local PACS | ✔ |
| Remote access to post-processing workstations | ✔ |
| Remote access to RIS | ✔ |
| Remote access to HIS / PM | ✔ |
| Remote access to any hospital application | ✔ |

| Tele-MTRA | |
|---|---|
| Provision of external Tele MTRA to cover load peaks | ✔ |
| Provision of external Tele MTRA to cover the entire medical device operation | ✔ |

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**V≡PRO**
eHEALTH Solutions

| Video conferencing / C-mails | |
|---|---|
| Protection of any privacy through peer to peer (P2P) - device to device connections - no "provider/spy in the middle" | ✔ |
| Communication only via private secure transmission channels | ✔ |
| No recording possibility of communication data by "communication server" of the video conference provider | ✔ |
| Storage of any communication data only on the IT devices of transmitter and receiver | ✔ |
| Number of Users participating in a videoconference at the same time | **20** |
| Transmission of video sources up to 4K (3840x2160) | ✔ |
| C-mail: Multimedia text, image, audio and video communication | ✔ |
| Chromakey (greenscreen) | ✔ |
| Blur background | ✔ |
| Removed Background | ✔ |
| Screen and application sharing | ✔ |
| File sharing | ✔ |
| Contact books for global video conferences with any participants | ✔ |
| Sending conference invitations | ✔ |
| Multilingual operation: German / English / French / Spanish / Russian | ✔ |

| Real time teleradiology | |
|---|---|
| Live connection of a teleradiologist for support during the examination | ✔ |
| After examination: Immediate teleradiology reporting to local IT systems | ✔ |
| No data transmission to external teleradiologists necessary | ✔ |

| Advanced functionality | |
|---|---|
| Integrated local WEB server | ✔ |
| Integrated VEPRO PACS | ✔ |
| Integrated patient portal | ✔ |
| Integrated referral portal | ✔ |
| Integrated RIS | ✔ |
| Multilingual operation: German / English / French / Spanish / Russian | ✔ |

# TIS - TELE MTRA and beyond ...
**100 good reasons for the Telehealth Interactive Service (TIS):**

| System security | |
|---|---|
| Login with username and password | ✔ |
| Automated logout in case of remote workplace inactivity | ✔ |
| Protection against hacker attacks | ✔ |
| Intrusion Detection (IDS) | ✔ |
| Intrusion Prevention (IPS) | ✔ |
| Denial of Service (DDoS) Prevention | ✔ |
| LogOn (Brut force) Prevention | ✔ |
| Cross-Site Scripting (XSS) Prevention | ✔ |
| Encrypted data transfer between remote and local workstations via SSL - TLS1.2 / TLS1.3 | ✔ |
| Configuration of users and rights | ✔ |
| Integrated firewall to protect any web services | ✔ |
| Integrated virus protection for remote access | ✔ |
| Automatic security updates | ✔ |
| Automatic software updates | ✔ |
| Data protection compliance according to GDPR | ✔ |
| Logging of each user access in a logbook | ✔ |
| Time recording: start and end of remote access | ✔ |
| Active IT monitoring for the prevention of system malfunctions | ✔ |
| In case of loss of a remote/Internet connection: | ▪ |
| automatically logout of the remot user | ✔ |
| release of the medical device for local operation | ✔ |
| Terms of use and privacy policy for video conferencing and remote device access available | ✔ |