MEDICLIENT / MEDIVIEW

Product Overview

MEDICLIENT / MEDIVIEW

▶ Easy connection to hospital IT: connectivity wireless (WiFi, BT) or via isolated Ethernet interfaces and isolated serial ports

▶ Anti-glare and anti-fingerprint surface finish for best readability

▶ Seamless, flush all-glass front for best cleanability

▶ Robust powder coated stainless steel housing

▶ PCAP touch operation even with medical gloves

▶ MediClient: Intel® Core™ i5-8365UE processors or Intel® Celeron® 4305UE processors

▶ Customization such as branding, I/Os, computing performance, software integration, etc.

▶ IEC 60601-1 compliant

All-in-one Medical Panel PC meets highest requirements for hygiene and connectivity

SYSTEM FEATURES

Easy to clean design
Seamless, flush all-glass front, round corners, smooth and inclined surfaces, dripping water protected conector area
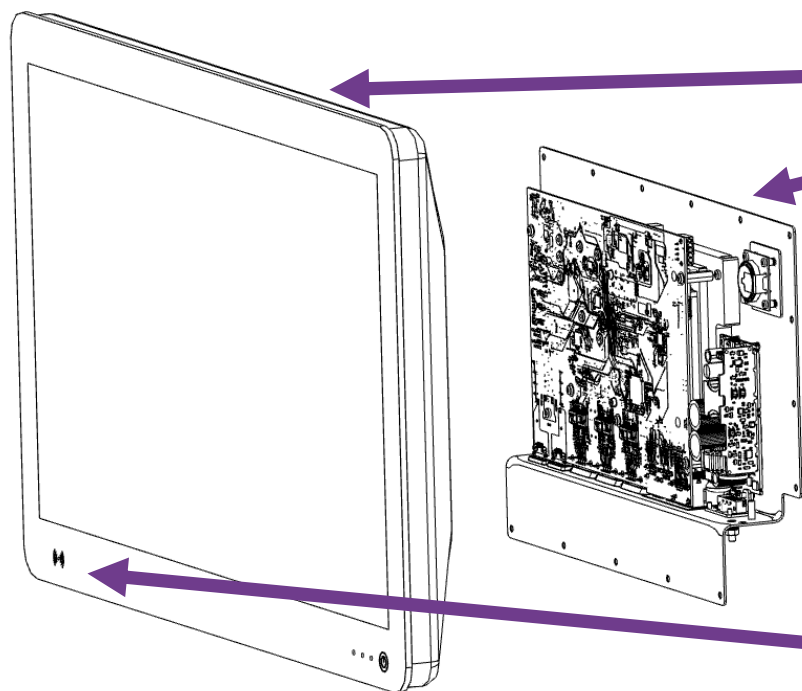
Always perfectly legible
Glass surface with anti-glare and anti-fingerprint surface treatment

Smooth and reliable control
Multi-touch PCAP ready for glove operation, water drop rejection and palm rejection

SYSTEM FEATURES

Service friendly

Functional separation:
*Visualization in chassis with
 Display and PCAP
*Processing and IO in the rear cover

Robust and durable

All-metal stainless steel enclosure
with powder coating

Connected

Wireless LAN, BT, RFID
Isolated COM & ETH
Isolated PWR-in
SDC-ready

MEDICLIENT/MEDIVIEW – CONFIGURATION

MediClient / MediView series

21.5" / PCAP

MediClient

Intel® embedded CPUs
(8th Generation Intel® Core™ or Intel Atom®)
4…32GB RAM / 128 GB … 1TB SSD

2x LAN isol. / 3x COM isol. / 4x USB 3.0

MediView

DP / DVI-I

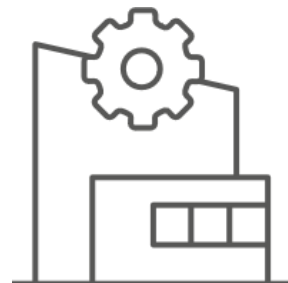| MediClient |
|---|
| Isolated PWR-in |
| Status LED |
| Function keys |
| RFID |
| WLAN |

MediView
Isolated PWR-in
Status LED
Function keys

MEDICLIENT/MEDIVIEW – MAKE IT YOURS

- Branding
  e.g. color, print, shape, …
- Interfaces
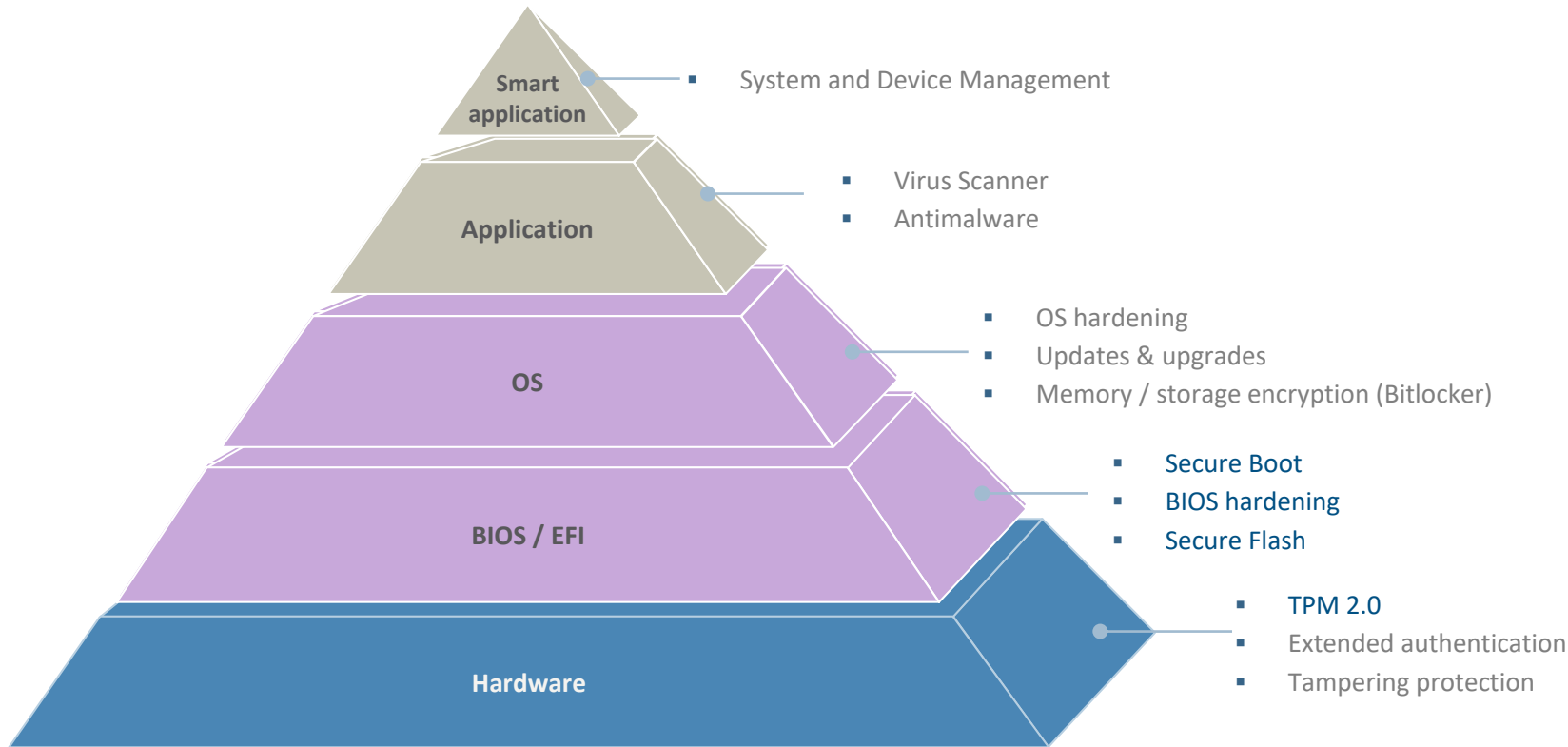- Other CPU platforms
- Software
- Antibacterial surfaces

- Burn-in
- Software Installation
- ISO 13485

- OEM packaging
- Pendulum packaging
- Reusable packaging
- Added accessories (Cables, leaflet, …)

- Lifecycle management
- SW recovery package
- Repair
- Service Kits
- Support

Turnkey solutions made easy with MediClient/MediView

MEDICLIENT – SECURITY & RECOVERY

Pyramid layers (top to bottom):

- Smart application — System and Device Management
- Application — Virus Scanner, Antimalware
- OS — OS hardening, Updates & upgrades, Memory / storage encryption (Bitlocker)
- BIOS / EFI — Secure Boot, BIOS hardening, Secure Flash
- Hardware — TPM 2.0, Extended authentication, Tampering protection

Legend:
- Integrated
- application specific implementation
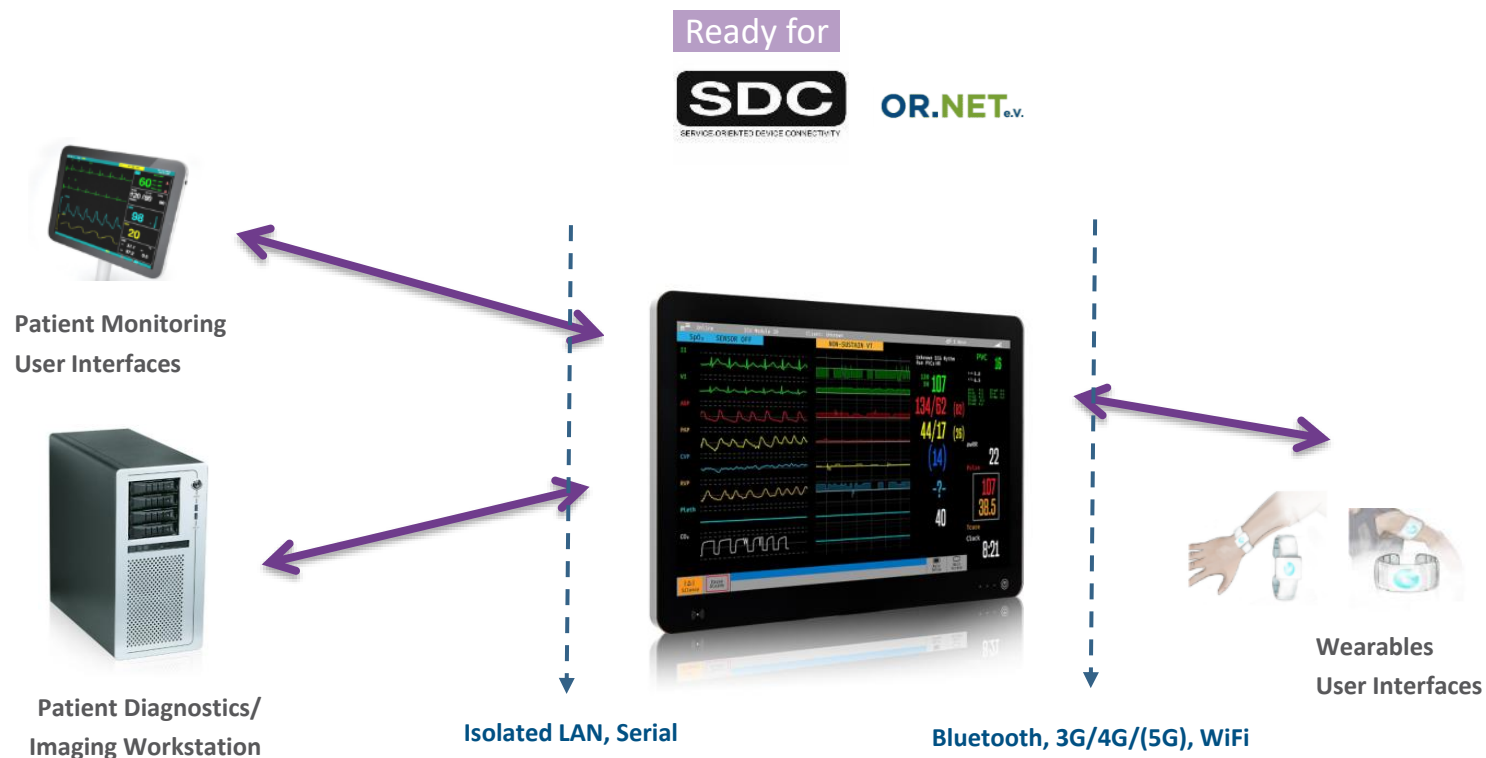
Powered by Clonezilla

RECOVERY PACKAGE

Simple sytem restore:

- ▶ Suitable for development, production, service and support
- ▶ License-free use in Service and Support
- ▶ Short backup and recovery times
- ▶ OS independent (Linux and Windows)
- ▶ Can be used in network and locally
- ▶ Simple and digital provision (no media)
- ▶ No license entry necessary (if label not visible)

APPLICATIONS

- Ward room / Nurse room
- Operating room
- Recovery room
- Intensive care unit
- Areas with high hygienic requirements
- Laboratory / clean room
- Pharmacies

Ready for

SDC
SERVICE-ORIENTED DEVICE CONNECTIVITY

OR.NET e.v.

Patient Monitoring User Interfaces

Patient Diagnostics/ Imaging Workstation

Isolated LAN, Serial

Bluetooth, 3G/4G/(5G), WiFi

Wearables User Interfaces

MediClient connects clinical IT with medical devices and wearables

MEDICLIENT/MEDIVIEW – USER FRIENDLY

USER FRIENDLY	SIMPLE INTEGRATION	EASY MODIFICATION

▸ Designed for high hygiene standards
Smooth and inclined surfaces, flush all-glass front
No sharp edges and soft bendings

▸ Anti-glare and anti-fingerprint front

▸ Dust protected housing

▸ Highly resistant to detergents and disinfects

▸ PCAP ready for glove operation
Water drop rejection and palm rejection

▸ Separated functional units for easy maintenance

▸ Integrated RFID for contactless authentication (optional)

▸ Designed, built and supported in Germany
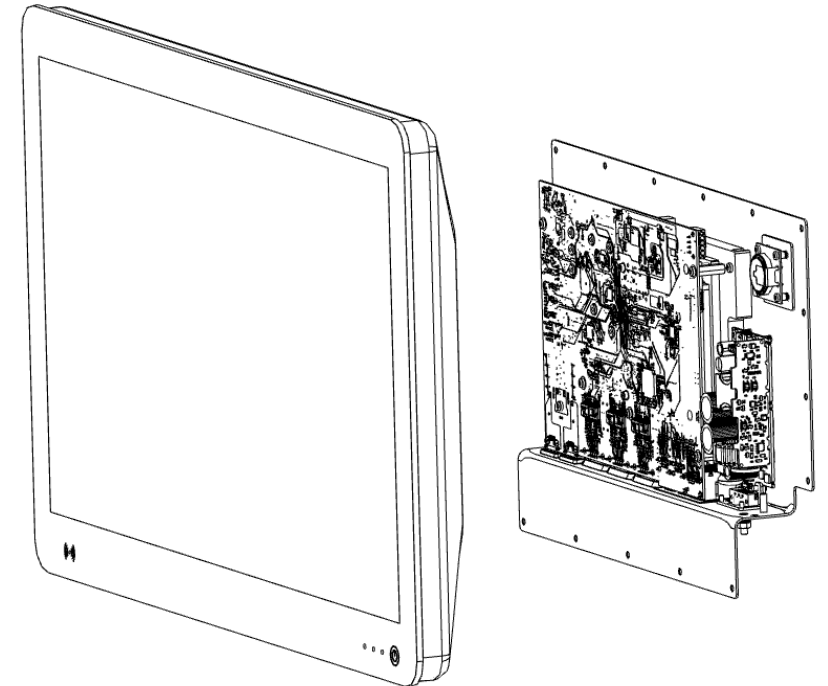
Designed and built for smooth, reliable operation

MEDICLIENT/MEDIVIEW – SIMPLE INTEGRATION

USER FRIENDLY	SIMPLE INTEGRATION	EASY MODIFICATION

- State of the art medical design

- Scalable performance with Kontron COMe modules (from Intel Atom® to Intel®Core™ CPUs)

- Panel-PC and monitor in same look and feel available

- Option: Integrated WiFi, BT and RFID

- Weight optimized (<10kg incl. stainless steel enclosure)

- Isolated DC/DC according to IEC 60601

- 2x GbE and 3x isolated serial ports compliant with IEC 60601-1

Attractive design with integration-friendly featureset

MEDICLIENT/MEDIVIEW – EASY MODIFICATION

USER FRIENDLY	SIMPLE INTEGRATION	**EASY MODIFICATION**

- Designed for easy customization
  Front glass shape and print, housing colors, ...

- OEM branded device, OEM branded packaging, ...

- IO-extensions e.g. serial ports, CAN, ...

- Input Power 24VDC non-isolated / 24VDC isolated

- High brightness display / other display sizes

- Storage: multiple sizes, SuperMLC, ...

- Multiple touch options: PCAP / protection glass

- Multiple front glass options: antibacterial, UV protection, IR protection, anti-glare, anti-reflexion

Cost effective and individual solutions enabled by a proven platform

OUR CHANGING WORLD IS FILLED WITH

BOUNDLESS OPPORTUNITIES

WE LOOK FORWARD TO
EXPLORING THEM WITH YOU