



Applicable for Kolibri 6.5.x

kolibri systems

Server/Server and Client PC requirements:

- Windows Server 2008 (Server only) or Windows Server 2012 R2 (Server only)
- Windows 8.1 professional or higher (Server only or Server & Client on a single PC)
- min. 500 Gb disk
- 2 x 1024 Mb Internal memory
- Intel Core 2 Duo processor
- Only for Server-client PC: 3 USB, advised 4 USB ports

Client/console PC requirements:

- Windows Windows 8.1 professional or higher
- advised 500 Gb disk
- 2 x 1024 Mb Internal memory
- Intel Core 2 Duo processor
- Min 3 USB, advised 4 USB ports

Advised minimum audio capacity requirements:

- LAN: 250 kbps available per audiostream (either a console or radio connected to the gateway)
- Number of channel radio's (connected to MediaServer): to be equal to the number of consoles plus one, with a minimum of 2 in total.

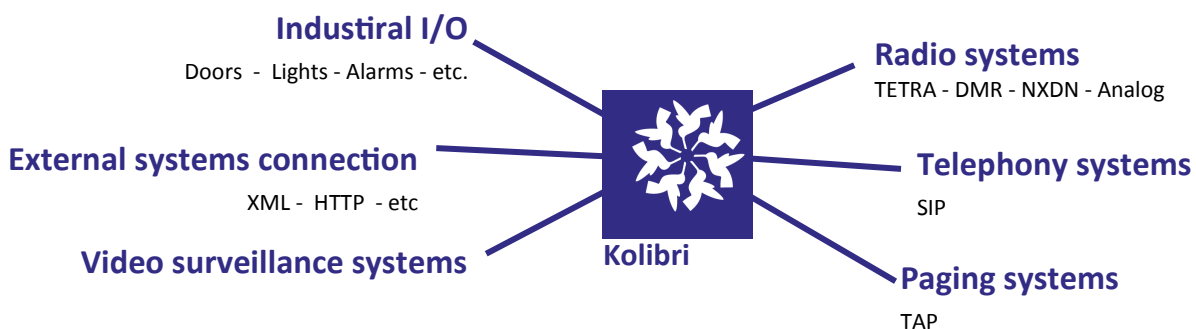
MediaServer v2 specifications:

- Size: 1U, 20 cm by 20 cm (7,9" by 7,9");
- Mounting: 19" rack, single or side by side with brackets;
- Radio module connectors:
 - two DB9 serial port (RS232) for signaling and data
 - two RJ45 port for audio and push-to-talk signaling
- LAN Power over Ethernet;
 - requires a Power over Ethernet switch
- Service connectors: LAN, 2x USB;
- Theoretic MTBF: 330.000 power-on hours
- Maximum service life: 5 years

MediaServer radios: (currently validated)

- **Motorola MTM800E**
(+ Cable: GMKN1022 with modifications)
- **Motorola MTM5000 series**
(+ Cable: PMKN 4104A with modifications)
- **Motorola DM4000 series**
- **Clartone CM9000**
- **SEPURA SRM2000**
- **Airbus/Cassidian TMR880i**
(+ Cables: System cable CA-105; Data cable DLR-3T and selfmade cable RJ48 to RJ45)

For radios not listed above, please contact Kolibri Systems.



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Kolibri server modules:

- Kolibri Server
- Kolibri Server redundancy
- Kolibri Map Server
- Kolibri Logging (voice and/or data)
 - Control Room logging
 - Radio network logging (via dedicated interface)
- KoliLink Server (Agency Partitioning)

Kolibri client modules:

- Kolibri Console client
- KoliShell (automatic start-up of client)
- KoliMonitor
- KoliReplay
- KoliAdmin (included with Server software)

Kolibri interface modules:

(Currently implemented interface modules)

Analogue radio interface systems

- Connection with analogue radios via MediaServer
- Interface using EB137B protocol

DAMM TetraFlex systems

- TetraFlex API
- TetraFlex LogAPI

Motorola DIMETRA systems

- DIMETRA IP Micro, IP Compact and IP Scalable data and signalling interfaces:
 - ATIA
 - SDR
 - CADI
- MCC7500 API
- DCS (Dispatch Communications Server)
- AIS (Archive Interface Server)

Motorola MOTORBO systems

- IP Site Connect

(continue of Motorola MOTOTRBO list)

- Capacity Plus (with donor radios)
- Linked Capacity Plus (with donor radios)
- NAI (data and signalling only)
- NAI (voice, data and signalling; please contact Kolibri Systems for more info)

ROHILL TetraNode systems

- TIG 2 (data and signalling)

Other interfaces and gateways

- Telephony interface (SIP)
- SIPrec
- Web interface (HTTP gateway)
- Paging (TAP protocol)
- Job Ticketing
- Bluetooth (positioning interface)
- GPS gateway for raw GPS data
- VIDEO (VLC interface)
- XML (Kolibri XML messages)
- XML (Generic interface)

Languages:

- Language support based on UTF8 character set (currently implemented: NL, FR, UK, DK, GE, GR, POR BR, SPA)

Currently supported map formats:

- SHAPE (ESRI)
- TAB
- Bitmaps (or any lossless raster format to be transferred to .bmp)
- OpenStreetMap.org geodata

/// Note:

the modules described here are not required for all solutions of the Kolibri Systems product suite, the final setup depends on the specific requirements. For more detailed information about the latest functionalities and requirements, please contact Kolibri Systems directly.