



**kolibri
systems**

Server or Server + Client PC requirements

- Windows Server 2012 or Windows Server 2019 (Server only)
- Windows 8 or Windows 10 (both for Server only or Server + Client on a single PC)
- min. 500 GB disk
- 2 GB Internal memory
- Intel processor (eg Intel i5)
- Only for Server-client PC: 3 USB, advised 4 USB ports
- Virtual Machine ready

Client/console PC requirements

- Windows Windows 8 or Windows 10
- Advised is 500 GB disk
- 2 GB Internal memory
- Intel processor (eg Intel i5)
- Min 3 USB, advised is 4 USB ports

Advised minimum audio capacity req.

- IP network : 250 kbps available per audiostream
- If radios are used for voice interface with radio network, Our advice for the number of radios: To be equal to the number of consoles plus one extra radio, with a minimum of two radios.

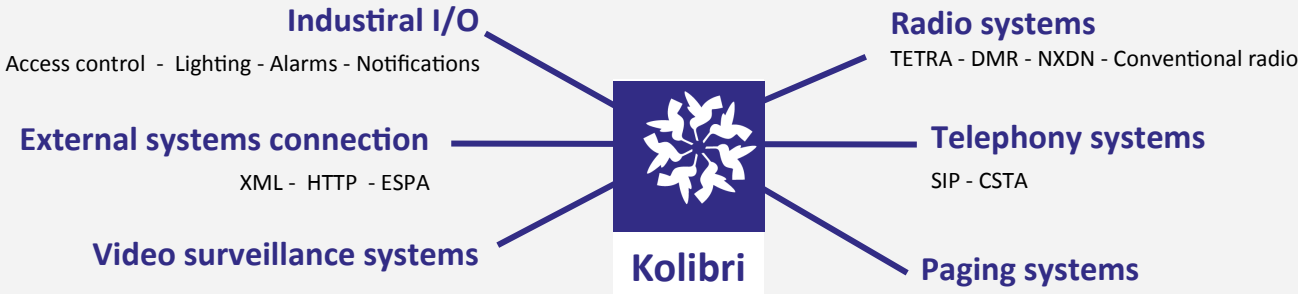
MediaGateway v2 specifications

- 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 RS232 ports for signaling and data
 - two RJ45 ports 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

MediaGateway radios (currently validated)

- **Motorola MTM5000 series**
(+ Cable: PMKN 4104A with modifications)
- **Motorola DM4000 series**
- **Clearstone 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
- Redundant Kolibri Server
- Kolibri Logging (voice and/or data)
 - Control Room logging
 - Radio network logging (via dedicated interface)
- KoliLink Server (Agency Partitioning)

Kolibri client modules

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

Kolibri interface modules

(Currently implemented interface modules)

Conventional radio interface systems

- Connection with conventional radios via MediaGateway
- Interface using EB137-B protocol

DAMM TetraFlex systems

- TetraFlex API
- TetraFlex LogAPI

Motorola DIMETRA systems

- DIMETRA:
 - ATIA / FlexAtia
 - SDR
 - CADI / MultiCADI
- DCS (Dispatch Communications Server)
- AIS (Archive Interface Server)

Motorola MOTORBO systems

- IP Site Connect
- Capacity Plus (with donor radios)
- Linked Capacity Plus (with donor radios)

For Motorola CAPACITY MAX solutions:
Please contact Kolibri Systems for more information.

ROHILL TetraNode systems

- TIG 2 (data and signalling)

Hytera

- ACCESSNET (voice and data)

Other interfaces and gateways

- Telephony interface (SIP, CSTA)
- SIPrec (for external recording)
- Web interface (HTTP gateway)
- Paging (TAP protocol)
- Indoor positioning
 - Via communication network messages (eg SDS)
 - Via IP connection to specific Indoor positioning solution
- GPS gateway for processing raw GPS data from devices
- VIDEO (VLC interface)
- XML

Languages

- Language support based on UTF8 character set
- Currently implemented and available languages: Dutch, French, English, Dansk, Greek, Portugese (including Brazilian Portugese, Spanish, German, Polish)
- Other languages can easily be implemented

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 in this brochure are not required for all Kolibri solutions.

The final setup and used modules depends on the specific requirements. For more detailed information about the latest functionalities and requirements, please contact us.