

SmartPTT System Requirements

Typical Architecture Description

The SmartPTT-based dispatching system can consist of several dispatcher workstations, SmartPTT radioservers and communication channels connecting them. Thus, technical requirements relate to three system components:

1. SmartPTT dispatcher workstation
2. SmartPTT radioserver
3. Communication channels connecting dispatchers and radioservers

Requirements for Communication Channels

Each connection to a dispatcher work station must ensure that the data transfer rate is no less than 128 Kbits per SmartPTT radioserver.

System Requirements for SmartPTT Dispatcher Workstation

1. IBM-PC compatible computer
2. Pentium 4 2 GHz processor or higher (Core 2 Duo recommended)
3. RAM no less than 1 GB (2 GB recommended)
4. Hard drive
5. Sound card (SoundBlaster-compatible recommended)
6. Network adapter
7. Monitor with 1024x768 resolution or higher
8. Keyboard
9. Mouse (a professional mouse and a hard mouse pad are recommended)
10. Windows XP SP3, Windows Vista, Windows 7, Windows Server 2003, Windows Server 2008 operating systems

System Requirements for SmartPTT Radioserver

1. IBM-PC compatible computer (depending on operational conditions it can be either rack or industrial form factor)
2. Pentium 4 2 GHz (Core 2 Duo) processor or higher
3. RAM no less than 1 GB
4. Hard drive
5. Sound card (multichannel if you want to connect a few channels)
6. Network adapter
7. Windows XP SP3, Windows Vista, Windows 7 operating systems

System Requirements for Radios

1. Base station – DM3400/3401/3600/3601, firmware version is at least “R01.05.00” (“R01.06.10” recommended)

2. Subscriber stations – any MotoTRBO radios; it is recommended that firmware versions should be the same at the subscriber and base stations.