

**TeamTalkPro is designed to help enterprises communicate better internally amongst project teams, and externally with customers and suppliers. This is achieved by providing the best in voice quality and reliability and making the system easy to use, so that it becomes an invaluable tool for the day-to-day operation of the business.**



## [Features]

### [Dedicated Digital Conferencing Engine]

The TeamTalkPro conference bridge uses dedicated DSP conferencing cards to do the conferencing operation. This ensures that the conferencing process is never overloaded as can be the case with host PC based conferencing systems.

The audio path from external telephone lines to the conference DSP is a high-speed hardware connection; the conference audio never passes through the computer processor. This ensures low latency thereby reducing echo, and also ensures that none of the audio streams are interrupted during peaks in processor load even when the bridge is fully loaded with conferences.

### [Web Conference Pages]

The conference bridge has a built in web server which provides web based booking and reporting screens.

Users access the TeamTalkPro bridge using standard web browser software.

Using the TeamTalkPro website users can book conferences, administer the bridge, and view bridge usage reports.

### [Email Invitation And Reminders]

When a conference is booked, or when the date or time of a conference are altered, and email is sent out to the person booking the conference so that they have a permanent record of the date and time of the conference, the PIN number, conference phone number and instructions for joining the conference.

### [Echo Cancellation]

The TeamTalkPro conference bridge has two levels of built in echo cancellation. The standard level can suppress echo on most problem calls e.g. international

calls, mobile phones and VoIP calls. If that isn't good enough, there is a further level of echo cancellation that can be enabled which handles extreme cases.

### [Advanced Participant Volume Controls]

There is a separate volume control for each participant, this allows the volume that the participant hears the conference to be set to each participants preference, without affecting the other participants.

There is also a separate microphone level control for each participant. If one participant sounds quieter than the rest of the participants in a conference, their microphone level can be increased to match the other participants, again without affecting the other participants.

The participants can control their own volume by pressing keys on their telephone handsets, or can be controlled centrally from the administrator control screen.

### [Participant Entry And Exit Alert]

When participants enter a conference an announcement is played to the conference. Whenever a participant leaves the conference an exit tone is played to the conference.

### [Conference Side Room]

There is a side area where participants may be transferred to have a conversation separate from the main conference.

Participants can transfer themselves between the main and side rooms using control key combinations on the telephone handset, or can be transferred centrally from the administrator control.

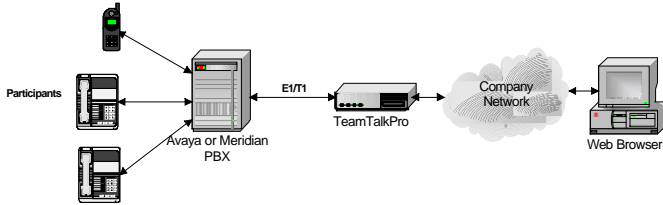
### [Integration]

The TeamTalkPro supports all European and North American protocols, and most other worldwide protocols.

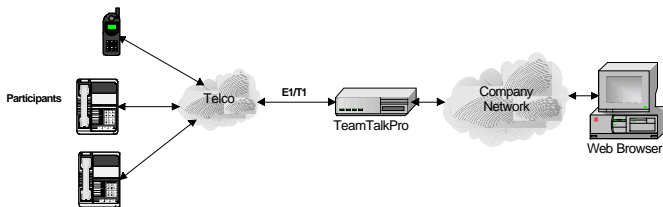
Common protocols supported: -

Q931, ETS300, QSIG, DASS2, NI2, DPNSS, CAS, T1RB, MFR2

Tested Integration with Avaya Definity and Meridian PBXs



**Figure 1, Integration With Company PBX**



**Figure 2, Integration With Telco**

### [Meet Me Conferencing]

TeamTalkPro provides the facility for Meet Me (no booking) conferences. This allows people to hold conferences any time they like by just dialling the meet me conference phone number and entering the PIN number for the conference.

### [Optional Modules]

#### [Conference Recording Module]

The Conference Recording Module enables the recording of all participants in the main conference room.

The recordings are stored to a recordings archive hard disk on the TeamTalkPro system.

Users can listen to the recordings in two ways:

The first method is to dial a recordings access phone number on the bridge. The caller is then prompted to enter the PIN number and date of the conference, if this is accepted, the recording starts playing. The user can skip forward and back through the recording using control keys on the telephone handset.

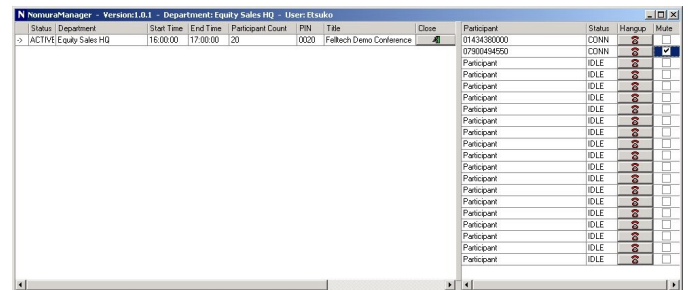
The user can access the recordings from the TeamTalkPro web site. They just need to enter the PIN number for the conference, select the recording from

the list of recordings; the recording is then downloaded to the users PC.

### [Administrator Control Module]

The Administrator Program allows an administrator to take control of a conference. The control screen shows the status of the conference, and of participants in the conference. It allows participants to be muted, disconnected and for the volume and microphone levels to be set.

- Control of participant volume and microphone levels.
- Mute participants
- Disconnect participants
- Display caller id (if available)
- Transfer participants between side and main areas
- Dial participants into the conference from the control



**Figure 3, Administrator Control Screen**

Additional features available when the recording module is installed are: -

- Recording control to start and stop recording the conference
- Playback control to play previous recordings and audio files into the conference

### [SMS Module]

The SMS module allows booking confirmations and reminders can be sent by text messages to conference participants.

### [VoIP Module]

The VoIP module allows the TeamTalkPro bridge to accept voice over IP calls. The VoIP module can support H323 or SIP format calls.

## [Specifications]



### [Unit Dimensions]

Channel Count	Dimensions
30 to 120	1U 1.75" h x 19" w x 18" d
120 to 720	4U 7" h x 19" w x 18" d

### [Telecom Connections and Protocol]

RJ45: E1 (30 channels) and T1 (23/24 channels)

Euro ISDN, Q931, QSIG, MFC R2, DASS2, DPNSS, CAS, R1 CAS, Decadic R2, T1 PRI, T1 Robbed Bit, SMFC R2, TS014, TS038, TS031, TNA133, Fetex, CR13 IDA-P, P7/P8, EL7, ESM, INS1500, INS64, C5/SS5, Ericsson E&M Type D, SS7 Q767 ETSI ISUP, SS7 ANSI ISUP

### [Telecom Connections and Protocol]

Protocol: H323 and SIP  
Codec: G711, G723.1, G729A/B

### [LAN Connection Options]

RJ45 10/100 Base T, Gigabit Ethernet

### [Power Supply Options]

240VAC / 110VAC Dual Redundant PSU Mains IEC-320

### [Operation System]

Windows 2000

### [Email Delivery Protocol]

SMTP

### [Network Time Synchronisation]

SNTP

### [Hard Disk]

Dual Redundant 32 GByte

### [Remote Maintenance Access]

Remote support is provided via modem dial-up or Internet access to the system.

## [Support And Warranty]

Limited one-year on hardware

3 months installation and commissioning support

On-site installation and commissioning included

Site survey prior to installation and commissioning

Optional extended telephone, email, remote monitoring and on-site support.