

Intel® TeamStation™ System Release Notes

Last Updated: March 5, 1999

1.0 Overview

These release notes include information about the following topics:

1. ISDN Requirements
2. Compatibility
3. Interoperability

These release notes will be updated as new information about interoperability and compatibility becomes available. Please check the PictureTel Web site for the latest information about this product.

2.0 ISDN/Network Requirements

- ISDN: Single BRI 2B+D, 112-128Kbps ISDN phone line certified IOC J and EZ ISDN-1 (384kbps version uses up to three BRI lines.)
- LAN/WAN: Microsoft Windows NT Native TCP/IP

3.0 Interoperability

3.1 Standards Conformance

The Intel TeamStation 4.0 and 4.0a support the ITU-T Recommendation H.320 (Px64) for “Narrow-band Visual Telephone Systems and Terminal Equipment”, H.323 and T.120. A TeamStation 4.0 and 4.0a can interoperate with other manufacturer’s videoconferencing systems that comply with these recommendations.

Version 4.0 and 4.0a software complies with these ITU-T Recommendations:

- General
 - H.320
 - H.323
 - T.120
- Audio
 - G.711
 - G.722
 - G.728
 - G.723
- Video
 - H.261
 - H.263

Some videoconferencing manufacturers may not have included all of these choices in their product designs, or they may have added their own proprietary choices. If you experience video, audio or data problems while interoperating with an ITU-T H.320 (Px64), H.323 or T.120 system not produced by PictureTel, verify that the other manufacturer's system is configured as recommended for IT-T H.320, H.323 or T.120 operation.

3.2 Interoperability Restrictions

Please note the following items as you use this TeamStation 4.0 and 4.0a.

- T.120 data is inoperable when calling a Tandberg 2000 using software version c2 beta 3.
- T.120 data is inoperable when calling a Sony 5100 using software version 2.11.
- T.120 data is inoperable when calling a VTEL LC500.

Please note the following items as you use this ProShare Video System 500 Version 5.1.

4.0 Compatibility Issues

The Intel TeamStation 4.0 and 4.0a is compatible with PictureTel H.320 and H.323 products except for the following issues:

4.1 Unpredictable results when calling between LiveLAN and TeamStation over LiveGateway

Loud audio artifacts are heard when making a 2x56 ISDN call from LiveLAN 3.1 to Intel TeamStation 4.0a over LiveGateway 3.1.

The video call will not connect successfully when making a 2x64 call from TeamStation 4.0a to LiveLAN 3.1 through Live Gateway 3.1.

4.2 TeamStation compatibility with PictureTel 330 NetConference Server

The Intel TeamStation is not compatible with the PictureTel 330 NetConference Server Version 1.0. The goal is to have full compatibility between TeamStation and PictureTel 330 version 2.0. PictureTel 330 version 2.0 is presently shipping in beta and there are known compatibility issues with the beta release and TeamStation related to continuous presence, G.722 and G.723.1 audio. These issues are being addressed.

4.3 Color artifacts when calling Venue 1.3

Color artifacts are present in TeamStation 4.0a video when in a bonded 1x384 call with Venue 1.3. The video is normal on the Venue.

4.4 LiveLAN 3.0

LiveLAN 3.0 is not compatible with Intel TeamStation. A free upgrade to LiveLAN 3.1 is available from PictureTel's home page on the World Wide Web.

4.5 H.263 is not reliable for TeamStation calls over Montage MCU

Recommended video algorithm when communicating with a VideoServer MCU including Montage is H.261. The connection rate for TeamStation 4.0/4.0a over a Montage server using H.263 is approximately 50%, and frozen video can occur when the H.263 option is selected on the Montage. The H.261 option should be used to avoid these problems.

4.6 Operator functionality with Montage does not work

Montage supports a video operator that allows conference participants to switch the video between the active sites. Frozen video occurs when a TeamStation 4.0 is used as the Montage video operator.

4.7 Intel TeamStation and PictureTel 210

The PictureTel 210 does not support NetMeeting at this time, so there is no data compatibility between TeamStation and PictureTel 210 connected systems.