

## TalkMaster Enterprise Edition SDK Overview

There are two SDK's available in the TMEE product line. These are DLL-based and provide more sophisticated developers with the opportunity to fully integrate the IP7 Intercom Series into their applications.

The **TMEE Hardware DLL SDK** is suitable for developing client-server or single console applications. The DLL controls the IP Socket connections from the IP7 Intercoms/Paging Endpoints and utilizes a "Call Back" mechanism to report events to the application. The raw audio stream is sent/received from the intercom allowing the custom application to play it on the multimedia card or transfer it to another computer or device. Two hours of technical support are included in the purchase of the SDK.

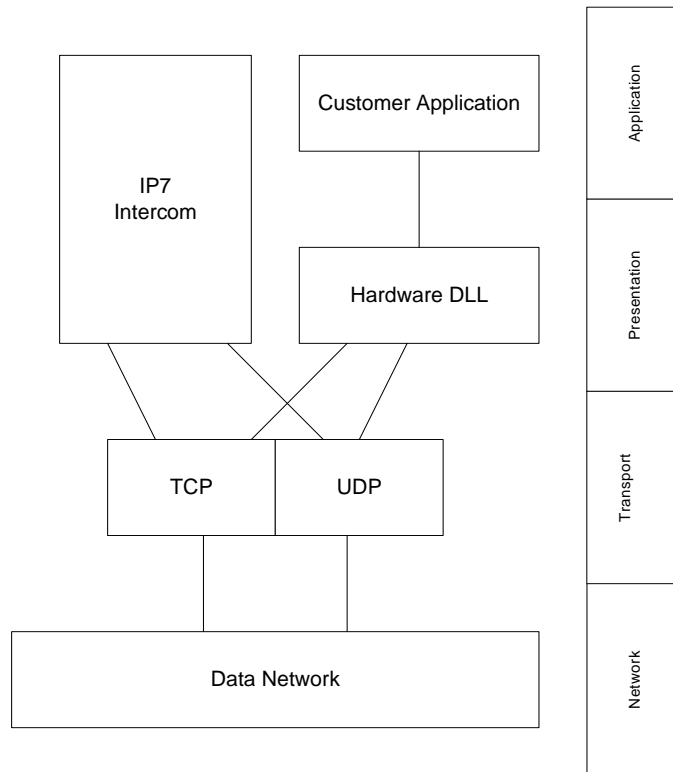
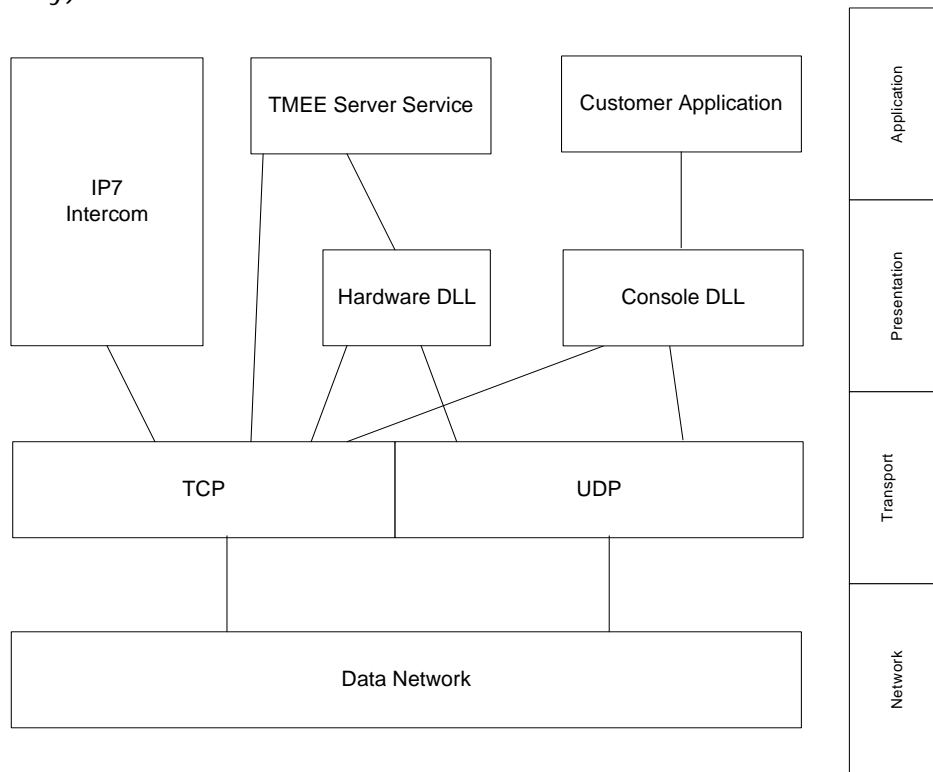


Figure 1 - TMEE Hardware DLL Architecture

The **TMEE Console DLL SDK** enables custom console applications to be created that integrate with TMEE Server. The DLL communicates through the TMEE Server for all Intercom/Paging Endpoint communications. The complete source code for the **TMEE Operator Console** is included. This can be used as an example or can be extended as required. This allows custom intercom and paging functionality to be integrated while leveraging all of the capabilities of the **TMEE Server**. Each instance of a custom application requires a TMEE Console License. Two hours of technical support are included in the purchase of the SDK (TMEE Server must be purchased separately).



**Figure 2 - TMEE Console DLL Architecture**

The **TMEE Hardware DLL** and **TMEE Console DLL** share a similar API structure and functionality. A partial list of supported functions and events include:

- Monitor Intercom connects and disconnects
- Send or receive TCP audio to/from attached Intercoms
- Send or receive RTP audio to/from attached Intercoms
- Activate an Intercom's Microphone
- Optionally record/playback audio
- Activate/Read an Intercom's onboard relay or Sensor
- Create Intercom Groups for paging
- Send 8-bit PCM or 16-bit uLaw wav files or microphone audio to Intercoms or Groups
- Set volume level
- Search for Intercoms and set their configuration