



# Some SDK/API Projects

# Banpará Bank Brazil

TrueConf Terminal API



**Banpará**



## Banpará Digital | Shopping Boulevard

📍 Belém/PA



0:23 / 4:02



Reference link to the video: <https://www.youtube.com/watch?v=unAlzVQIL8Y>



**Banpara Bank.** Brazil. [www.banpara.b.br](http://www.banpara.b.br)

**Challenge:** provide point-to-point video communications from a meeting room of a new digital branches of the bank. Provide white-labelled solution. Support video call start and end through USB speakerphone's pick up and hang up buttons.

**Solution:** a PC with TrueConf Terminal application, connected to a TV with a USB Jabra speakerphone. There's no interface in the app. In idle mode app displays Ads. Control is done via an additional software which interprets USB speakerphone buttons into TrueConf Terminal API HTTP requests. Video quality could be up to 1080p@30fps.

The queue is implemented on TrueConf Server side, which is used as VC infrastructure in the customer's data center. All operators are located in a separate group, any call to this group is redirected to random available operator. The server is also record all video calls.

Local system integrator company Voxel Digital executed the project. [www.voxeldigital.com.br](http://www.voxeldigital.com.br)

# Maccabi Israel

TrueConf SDK for iOS and Android



Reference link to the video : <https://www.youtube.com/watch?v=FkNy0y3AZXk>

מכבי קידס - סופר אדיר למשימה - אדיר מילר הוא גיבור על, אבל.. לא צריך אותו

מכבי שירותי בריאות בחריש

אנחנו כאן בשבילכם

- רפואת משפחה
- רפואת ילדים
- רפואת נשים

1:38

עוד על מכבי קידס

מחוץ לשעות הפעילות באפליקציית מכבי.

הרופא הינו רופא ילדים במכבי

1:41 / 1:47

cc settings YouTube

Maccabi Israel. Israel . [www.maccabi4u.co.il](http://www.maccabi4u.co.il)

**Challenge:** add point-to-point video calls support into customer's mobile apps.

**Solution:** TrueConf mobile SDK libraries for XCode (iOS) and Android Studio were used. The customer implemented the required functionality in *Maccabi for You* app ([App Store](#), [Google Play](#)). The video quality depends on the mobile CPU used and can reach up to 720p.

Calls are initialized asynchronously. The user sends a request for professional medical advice from the smartphone, which is accepted or rejected in a call-center. Then, the doctor receives the request through the internal information system, which includes a call link to the patient. The doctor makes a video call to the user's phone at a time which suits him.

TrueConf Server is used as VC infrastructure and installed in customer's data center in Tel Aviv.



# ZTM Germany

## White-labeled TrueConf Apps



Zentrum für  
Telemedizin  
Bad Kissingen





ZTM Bad Kissingen. Germany. [www.ztm-badkissingen.de](http://www.ztm-badkissingen.de)

**Challenge** : provide point-to-point video communication between the refugee centers and the Rhön Klinikum hospital in the Bad Kissingen region.

**Solution**: special endpoint on a mobile cart called TeleView was developed for refugee centers. It is based on a PC with TrueConf for Windows application installed, Logitech GROUP set connected to it and a TV. Volunteer at the refugee center assists the doctor and controls the communication process. The doctor receives calls from volunteers in the clinic through the standard TrueConf application. The video quality could be up to 1080p30@30fps.

The queue is not organized, if one doctor is busy or unavailable, the volunteer selects the next one from the address book. Refugees receive medical certificates in German and Arabic after medical check-up. They can contact any clinic Rhön Klinikum for more detailed advice or treatment later. TrueConf Server software, which is installed in the hospital in Bad Kissingen is used as (VC) infrastructure.

The solution picked up prestigious awards [name which].

# Tosan Techno

## TrueConf Terminal API



**TOSAN**  
Techno

Smart Innovation



Tosan Techno. Iran. [www.tosantechno.com](http://www.tosantechno.com)

**Challenge:** replace the Vidyo embedded solution and provide point-to-point video conferencing at new generation of the self-service ATMs (VTM), as well as to ensure high communication quality over poor and mobile channels. Cloud solutions don't fit due to a high security requirements.

**Solution:** TrueConf Terminal application is installed on ATM's Windows-based PC alongside other bank-specific software. Terminal app follows the commands from the HTML5 and JavaScript-based on-screen interface. Only point-to-point calls were implemented, the video quality could reach 1080p@30fps and dynamically varies depending on connection conditions, thanks to TrueConf's SVC support. Operator is called when user click the button on the screen and ends in the same way.

More than one hundred VTMs in 15 different banks in Iran were deployed since December 2016. Each Bank deploys it's own copy of TrueConf Server software for VC infrastructure. All operators are located in a dedicated group, any call to this group is redirected to random available operator. The operators use TrueConf for Windows application.

# Telebucaramanga

## TrueConf Terminal API



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Marque 456# y reciba soporte técnico las 24 horas del día

Telebucaramanga. Colombia. [www.telebucaramanga.com.co](http://www.telebucaramanga.com.co)

**Challenge:** provide point-to-point video communications between telco's self-service kiosk users and remote operators.

**Solution:** a kiosk based on a Windows-based PC and TrueConf Terminal application installed on it with touch screen and integrated speakerphone. The HTML5-based interface is implemented by the customer. Control is done via TrueConf Terminal API over HTTP through WebSockets. Point-to-point calls are supported, the video quality (maximum 1080p@30fps) varies depending on connection conditions. The call starts when user click button on the screen and ends in the same way. TrueConf app goes into the background at the end of the conversation and the user is asked to rate the service.

The queue is implemented on TrueConf Server, which is installed in customer's data center. All operators are located in a dedicated group, any call to this group is redirected to random available operator. Statistics are collected and can be accessed via standard SQLite-based database on the server. The server records video calls as well.

# Bahrain Islamic Bank

TrueConf Terminal API







**Bahrain Islamic Bank. The Kingdom of Bahrain. [www.bisb.com](http://www.bisb.com)**

**Challenge:** provide a way to communicate with an operator via video call from individual air-conditioned digital branch with 24/7 ATM.

**Solution:** a PC with TrueConf Terminal application installed on it, touch screen and a wired handset, connected via the 3.5 mm jack. The HTML5-based interface is implemented by the customer. Control is done via TrueConf Terminal API over HTTP through WebSockets. Point-to-point calls are supported, the call quality (maximum 1080p30fps) varies with connection conditions. The call starts when you click the button on the screen and ends in the same way.

The queue is implemented on TrueConf Server, which is used as VC infrastructure in the customer's data center. All operators are located in a separate users group, any call to this group is redirected to random available operator. The server is recording video calls as well.

The kiosk is connected via 4G and has 24/7 service. Two of such digital offices were equipped with it in 2016.



# Embed VC with TrueConf

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