TrueConf SDK:

Embedding video conferencing into any app

What do you need from SDK for video conferencing

- Start calls from any party.
- Call to native apps, SIP / H.323 endpoints, SDK-based apps, WebRTC peers.
- Register on the server to manage active users (including third-party authorization integration), or authorize on fly without registration.
- Support for different conference types.
- Server side recording for video sessions.
- Support for screen capture for desktops apps.
- Ability to change cameras and audio devices on the fly.
- Solution should work behind NAT.
- SVC – video scalable to channel and processor power.
- Bitrate control (starting from 32kbps), network fails recovery and redundancy.
- Presence statuses for users
- Call queues, etc...

TrueConf

Where do you need it?

1. Standalone kiosk
2. In-vehicle (car, plane, or ship)
3. Your own service

TrueConf

Standalone Kiosk

- Linux or Windows-based OEM PC
- They are affordable, but slow.
- Optimization required.

TrueConf

Use Case: Video banking

Get full-featured bank office in any location just by installing video-enabled ATM.

- Authenticate just as in office.
- Make offerings just like in office.
- Support users only when required.

TrueConf

In-Vehicle Video Conferencing

What's the use of a display without a video call option?

- Smaller, weaker PC board or iPad
- Adaptable to any channel
- Keeps working during cellular handover

TrueConf

Use Case: In-Plane Video Conferencing

- “Office in the sky”
- Satellite communication integration
- Comfortable working environment

Your Own Internet Service

- Everything sometimes need video
- Video conferencing can be integrated into your app in one click
- Works in closed network and over poor channels

Use Case: Insurance Service

Let your insurance officer stay at office and verify damage from user's phone.

TrueConf

Use Case: Repair service

Video consulting with remote experts

95% of repair operations needs a guy with just a wrench and some basic training and only 5% require a professional care.

Keep experts in office and 95 guys in fields.

TrueConf

Use Case: Distance Education

- Real-life distance education
- Take exams and live monitor students
- Real time professor feedback
- Support for 99% students mobile devices

TrueConf

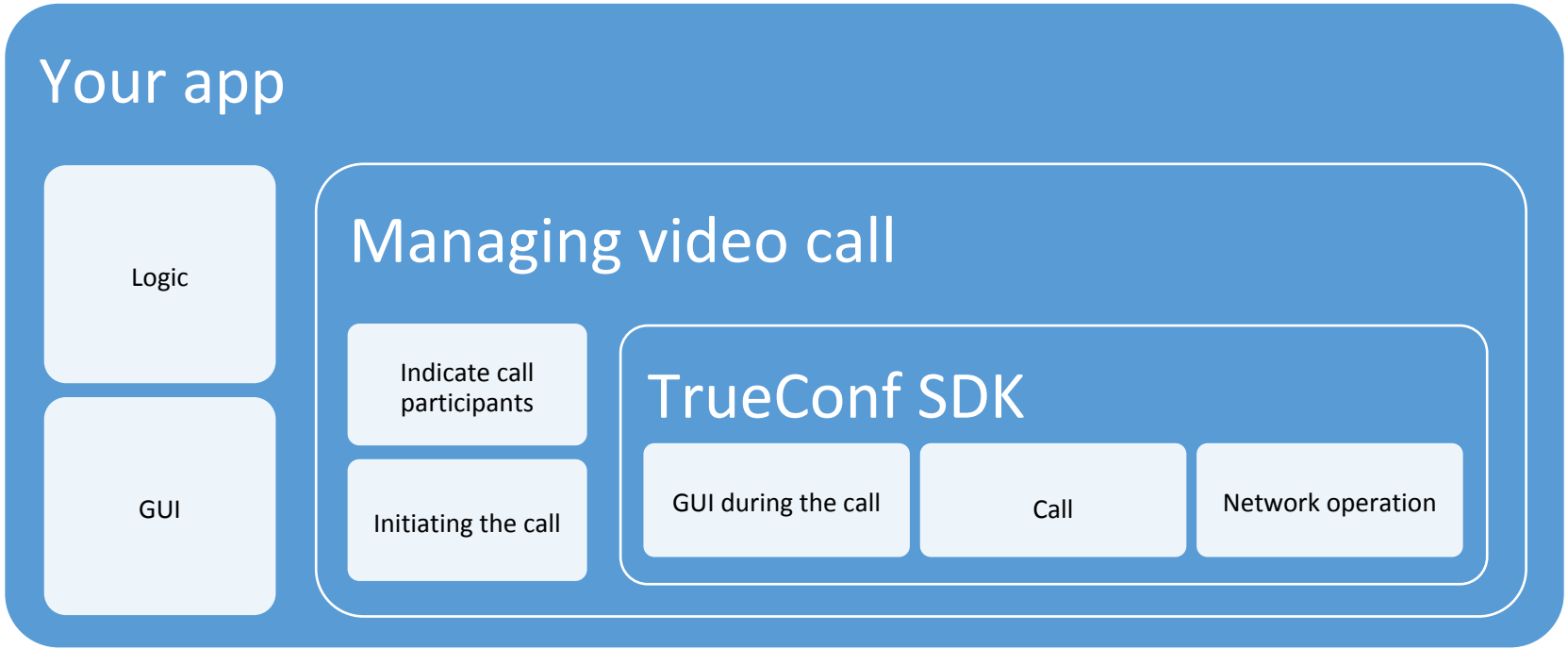
Different SDK Platforms

- Windows SDK
- iOS SDK: the best video you can get
- Android SDK: Support for everything.
- Linux SDK (including custom one).
- WebRTC SDK: get everything in browser when you need it.

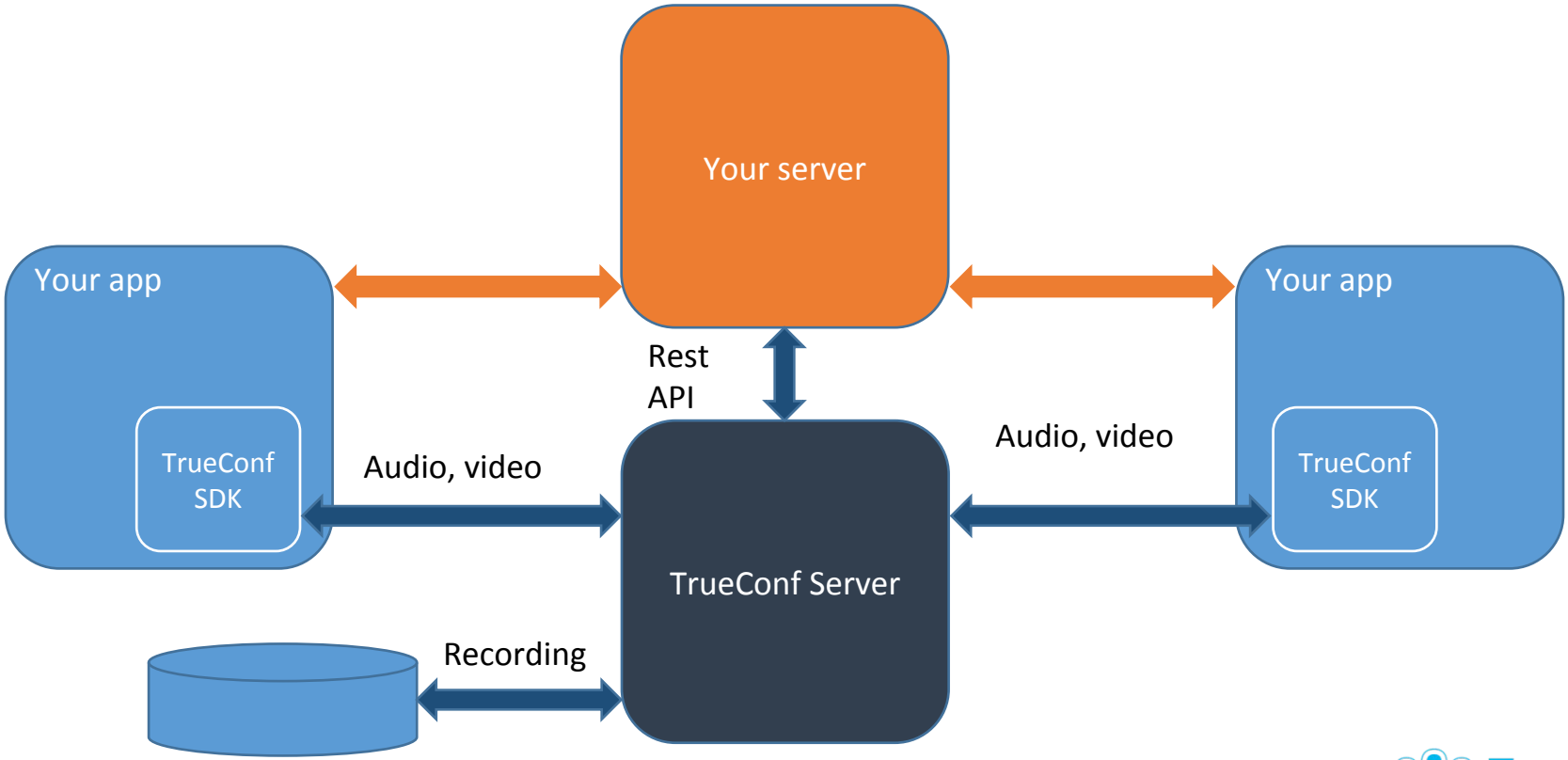
You will get best value for the computer power you have. We can start from Raspberry Pi or provide 4K in point-to-point video.

TrueConf

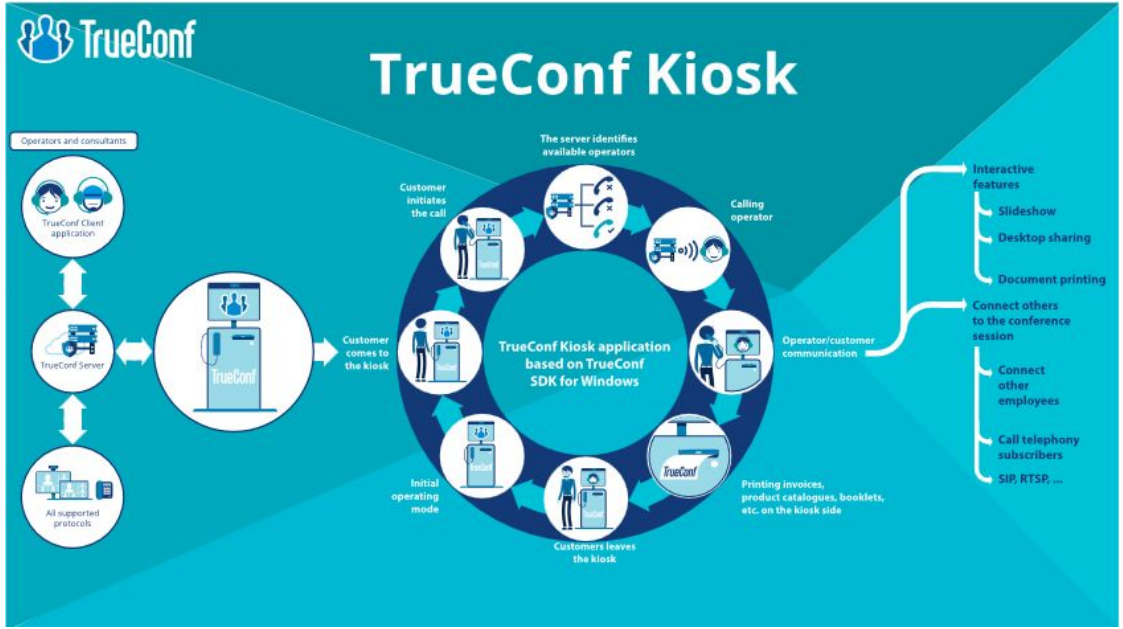
How it works



TrueConf


Your server
Your app
TrueConf SDK
Rest API
Audio, video
TrueConf Server
Audio, video
Your app
TrueConf SDK
Recording

Thanks! Check out example at *11D-126 →*



Dmitry Odintsov
dimodin@trueconf.com

TrueConf