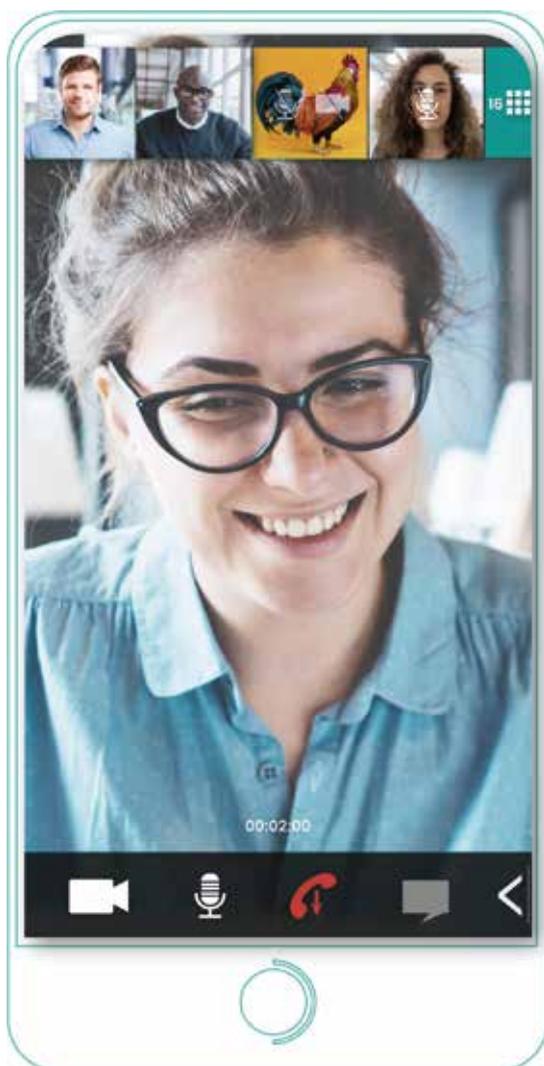
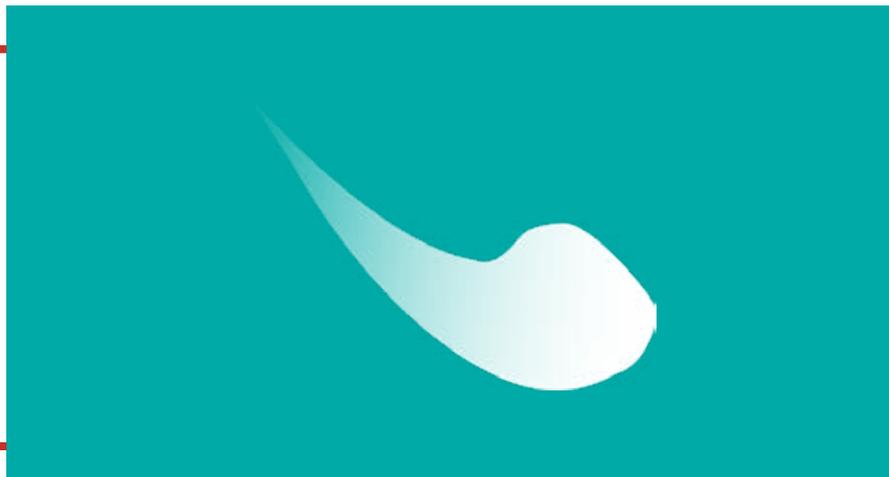


Sippo o ecco

Telco-class ready-to-use OTT client fully integrable with IMS, VoLTE, VoWifi and MVNO architectures and AAA elements.

Sippo ecco accommodates telco services in a mobile-focused easy-to-use application for residential and enterprises.



---● ORCHESTRATION

Sippo ecco is the right tool to mix existing telco services in a modernized, compact bundle way.

---● OTT FLAVOUR

Built based on operators strengths: identity, regulatory protections, convenience.

---● ENTERPRISES AND SMEs

Provide packaged solutions that **can accommodate enterprise or vertical requirements.**

---● FLEXIBLE SOLUTION

Create one-for-all cloud based applications and lead to **pure price** competition.



// Complementing the VoLTE & VoWiFi strategy

Sippo ecco runs in any browser and any device, replicating and enhancing the user experience of RCS/VoLTE in devices that lack of a SIM card.

While VoLTE works in some of the most modern smartphones, lots of user devices are out of this possibility. Today customers are using different devices (PC, laptops, tablets, etc) that are not natively connecting to the mobile telco networks (i.e. mobile tethering).

DEVICES AND INFRASTRUCTURE

Sippo ecco works in any device as an application or browser version, with no constraints like VoLTE.

Connectivity and quality of service

Sippo ecco, as an OTT application, uses data connectivity. Telcos can control the bandwidth available and offer a better service.



// Management - Sippo manager



Sippo manager is a web interface for management of users, campaigns and agents, including reporting and troubleshooting.

All this management information is easily available through the Sippo Service API (S-API).

// General features



Login

- Sessions based on user-pass schema.
- Sessions based on custom-token schema.
- Sessions based on OAuth2 schema, for MS Active Directory, Google or Facebook.
- Sessions based on digital certificates pre-installed into the browser's device.



Conversation view

- Single 1-to-1 chat conversation.
- Multiple n-to-n chat conversation.
- Direct access to contact or group info.
- Direct call.
- Text chat input.
- File sharing: new photo, local image, local file, contact.
- Audio record sharing.
- Message timestamps.
- User or group participant names.
- Custom group name of the group.



User Profile

- Notify a single user or group about an incoming call.
- Notify an external service about an incoming call.
- Check external REST API services to assign a call to a specific user.
- Route a call based on the specific WAC username.
- Route a call based on the user friendly name (local agenda).
- Route a call based on the IMS credentials username (SIP address.)



Contact info

- Direct dial button.
- User avatar.
- Friendly name, phone number and email display.
- User's files history.
- Create group conversation with the current user.
- Groups in common.
- Mute notifications.



Group info

- Direct dial button.
- Edit/view Group avatar and name.
- User's files history.
- Create group conversation with the current user
- Group participants list.
- Add / remove participants to the group.
- Mute notifications from the current group.
- Mute group calls from the current group.
- Leave chat button.



Incall view

- PIP with the user's video.
- Avatar display when audio only call.
- Current call duration timer.
- Ability to upgrade to video.
- Mute / unmute video.
- Hangup current call.
- Add participants to the call.
- Use ambient speaker.
- Change user's camera in use.
- Insert DTMF tones.
- Watch incoming user/group chats as bubbles.
- Open grid with participants to select main video (groups only).



Search box

- Search integration: user/domain database contacts.
- Retrieve contacts from device and import it into the specific user contacts.
- Handle contacts from a MS Active Directory server.
- Search field parsing: phone number, user e-mail, user friendly name.
- Direct call from search.
- Direct group creation from search.



Landing page

- Initial help for new users.
- Intuitive UX with historic view only.
- Search box.
- Direct access to user profile configuration.
- User's presence visualization.
- Missed calls and unread messages notification.

Precall view

- Select to start with audio or video.
- Preview of users video as background.



// Integration with enterprise assets



Sippo ecco manages everything around the users, depending on the ID, contextual information and predefined user policies, media capacities and roles, helping the browser to download the WebRTC application adapted to it.

The following parameters for user management may be configured via the Service API and different Sippo connectors:

- **USER PROVISIONING**
(add/remove/change)
- **USER PROFILES**
(name, avatar, email, etc)
- **USER GROUPS, ORGANIZATIONS AND ROLES**
(admin, user, anonymous, etc)
- **USER MEDIA CAPACITIES**
- **SERVICE ENABLEMENT**
- **USER PRIVILEGES**



// Sippo products



Fully-featured WebRTC-enabled unified communication suite with advanced capabilities.



WebRTC orchestrator that hides all the complexity in real field deployments of the technology.



Telco services in a mobile-focused easy-to-use application for residential and enterprises.



Quobis is a leading European company in the delivery of carrier-class unified communication solutions for telcos and enterprises.

Quobis is well-known as one of the leaders in the deployment of WebRTC technology after being involved in the release of the industry-first application server, called Sippo WebRTC Application Controller.

Today, this element is part of the core network several telcos worldwide. In addition Sippo is helping enterprises to defeat the challenges behind digital transformation processes using real-time communications

The company is headquartered in Vigo, Spain with partners throughout the world.