

Can Skype turn *Skype Lite* into *Skype as a Platform*?

One path to a developer-friendly Skype

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Skype Lite lets you chat and call from non-smart mobile phones



How Does it Work?

Skype Lite software runs on mobiles

Mobile Network



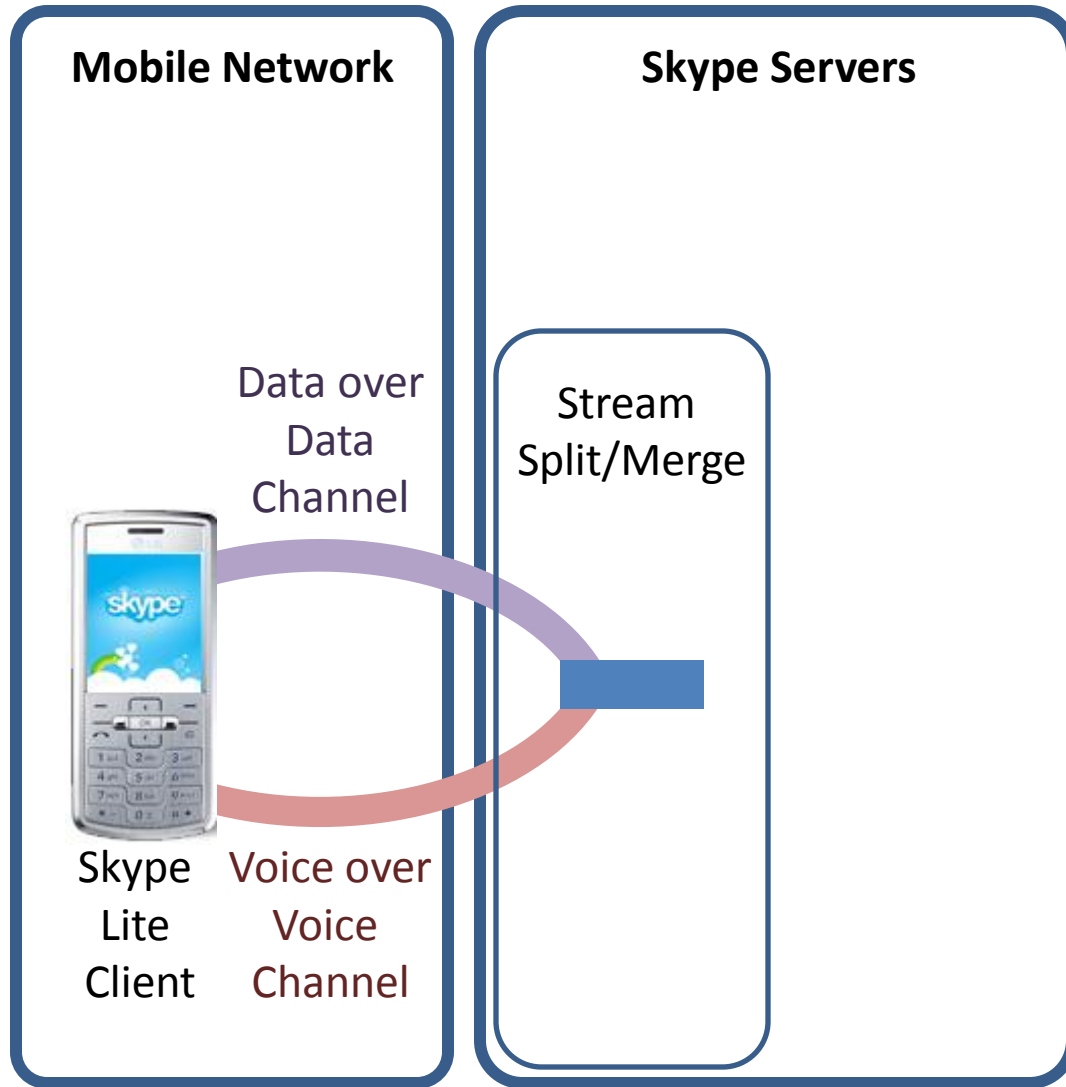
Skype
Lite
Client

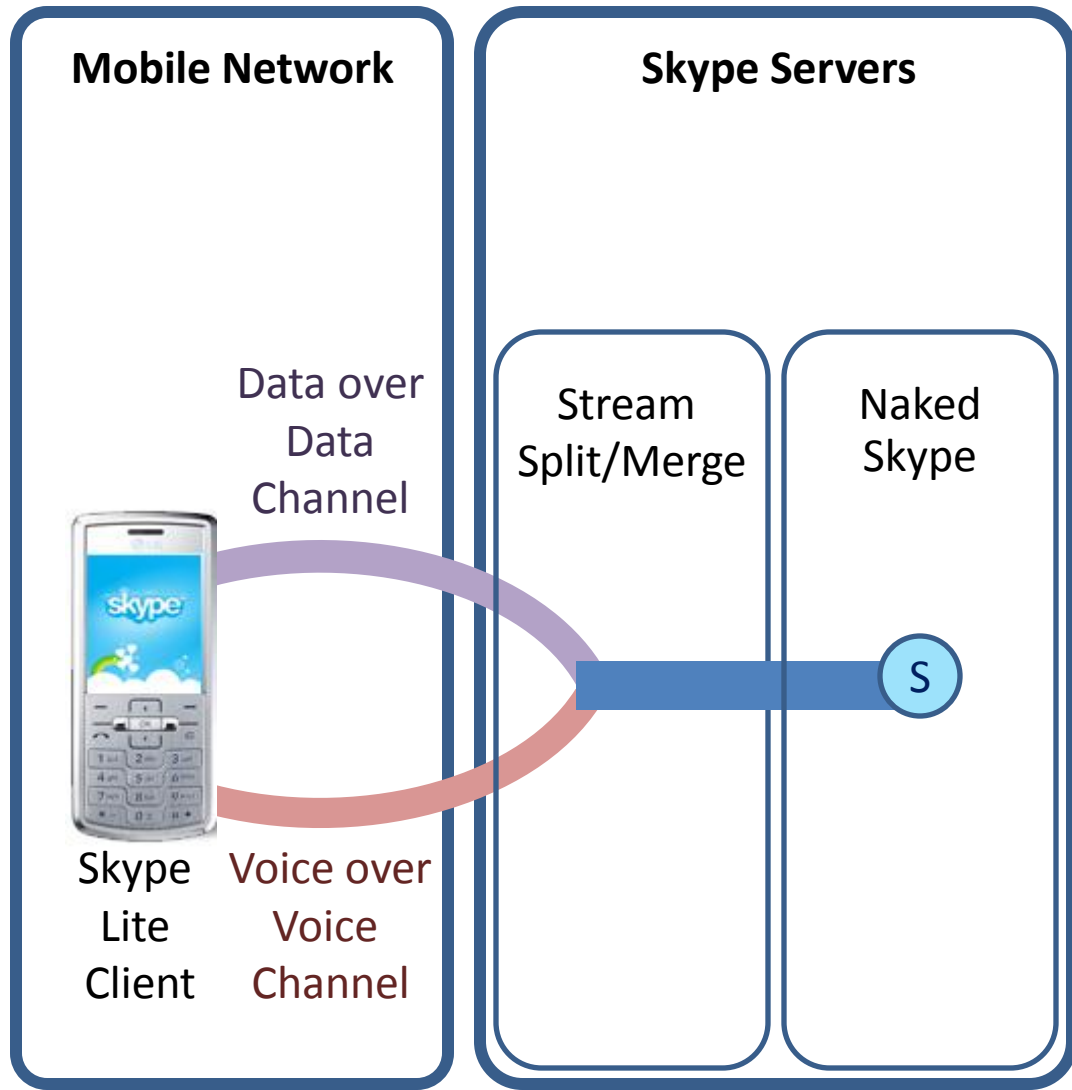
Skype voice goes over the mobile carrier's voice channel.

Data goes over the mobile carrier's data channel.



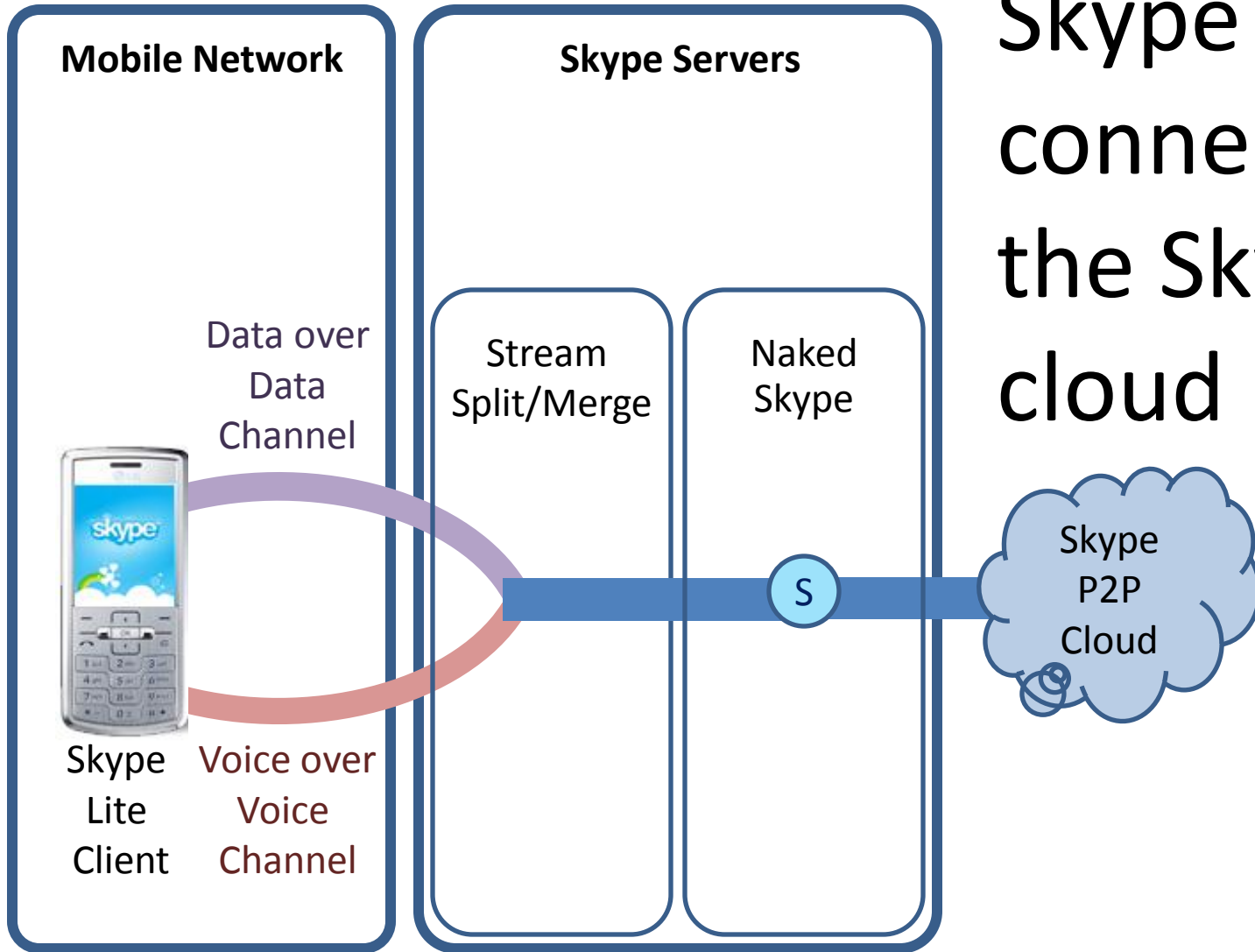
Skype servers join voice+data



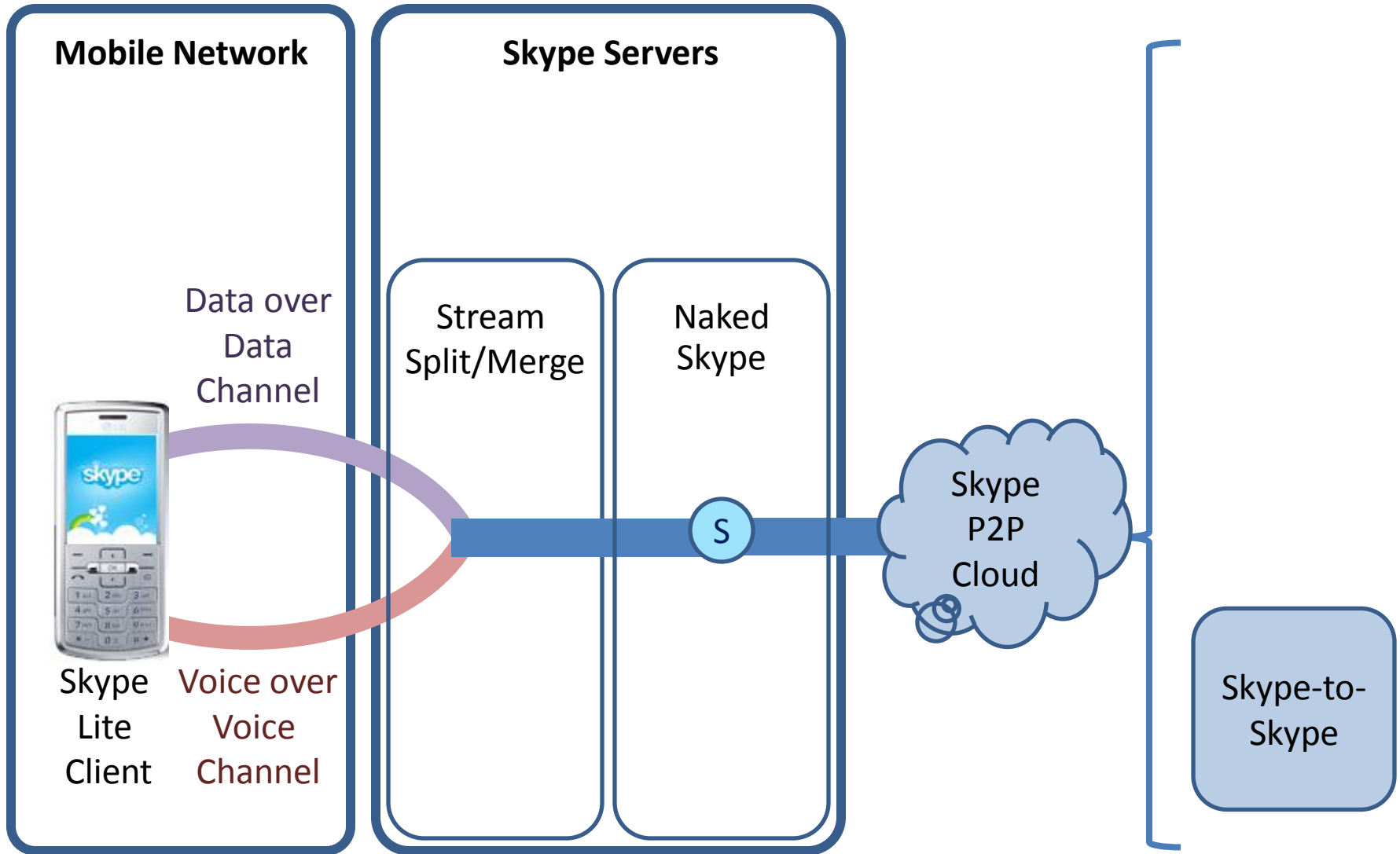


The joined voice/data goes to a “naked” Skype client running on a Skype server

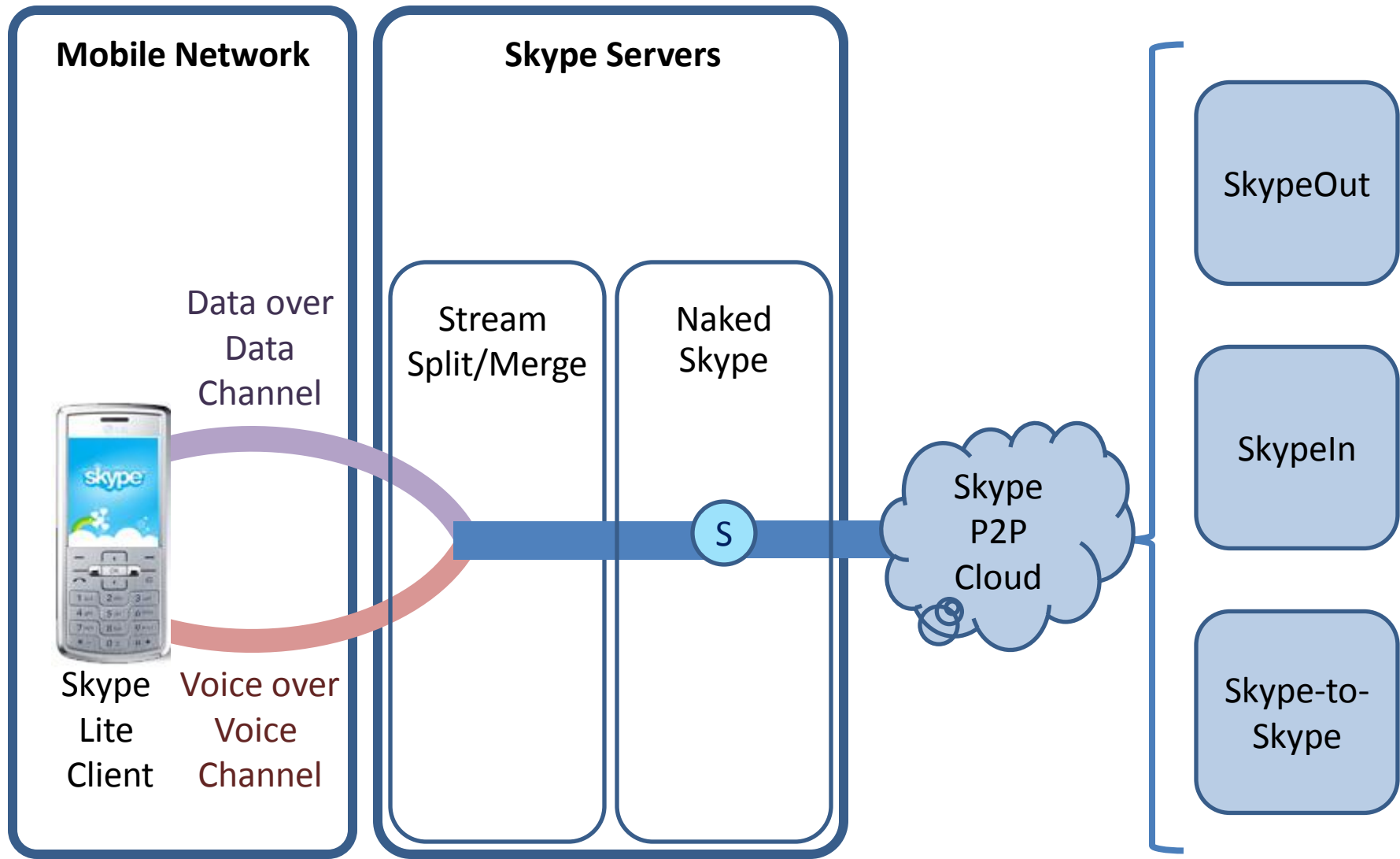
Naked Skype connects to the Skype cloud



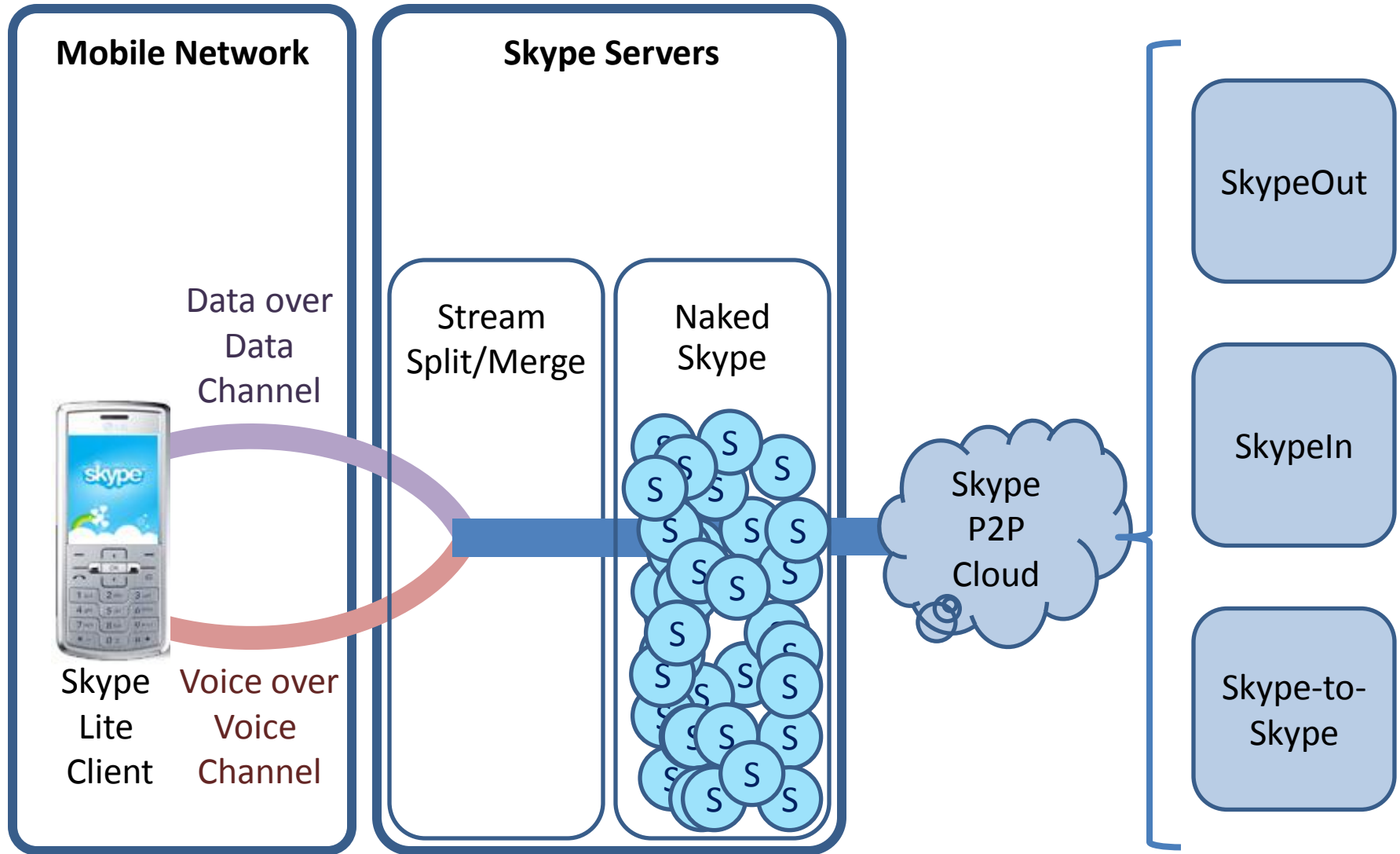
The cloud connects you to Skypers



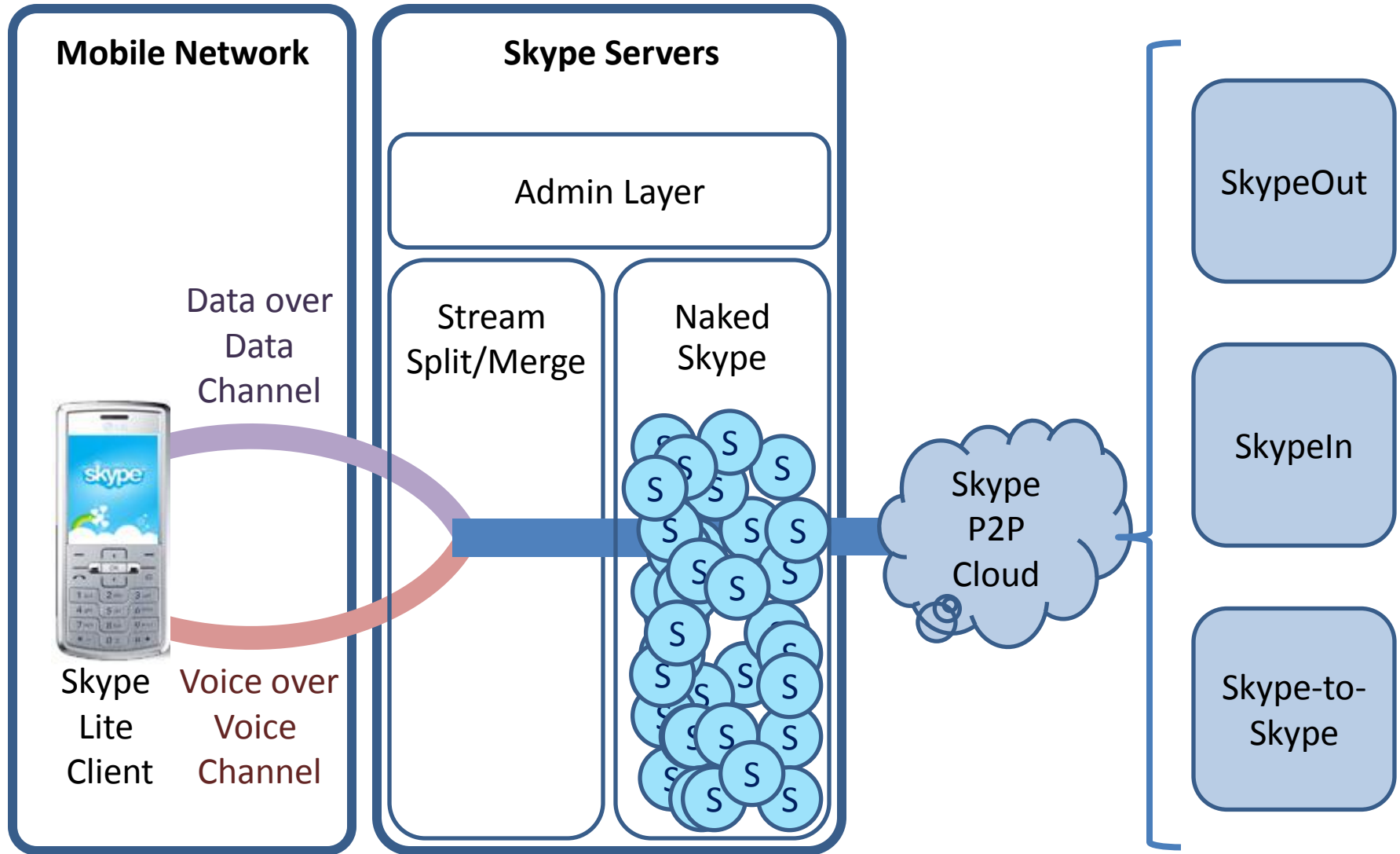
...and to phone numbers



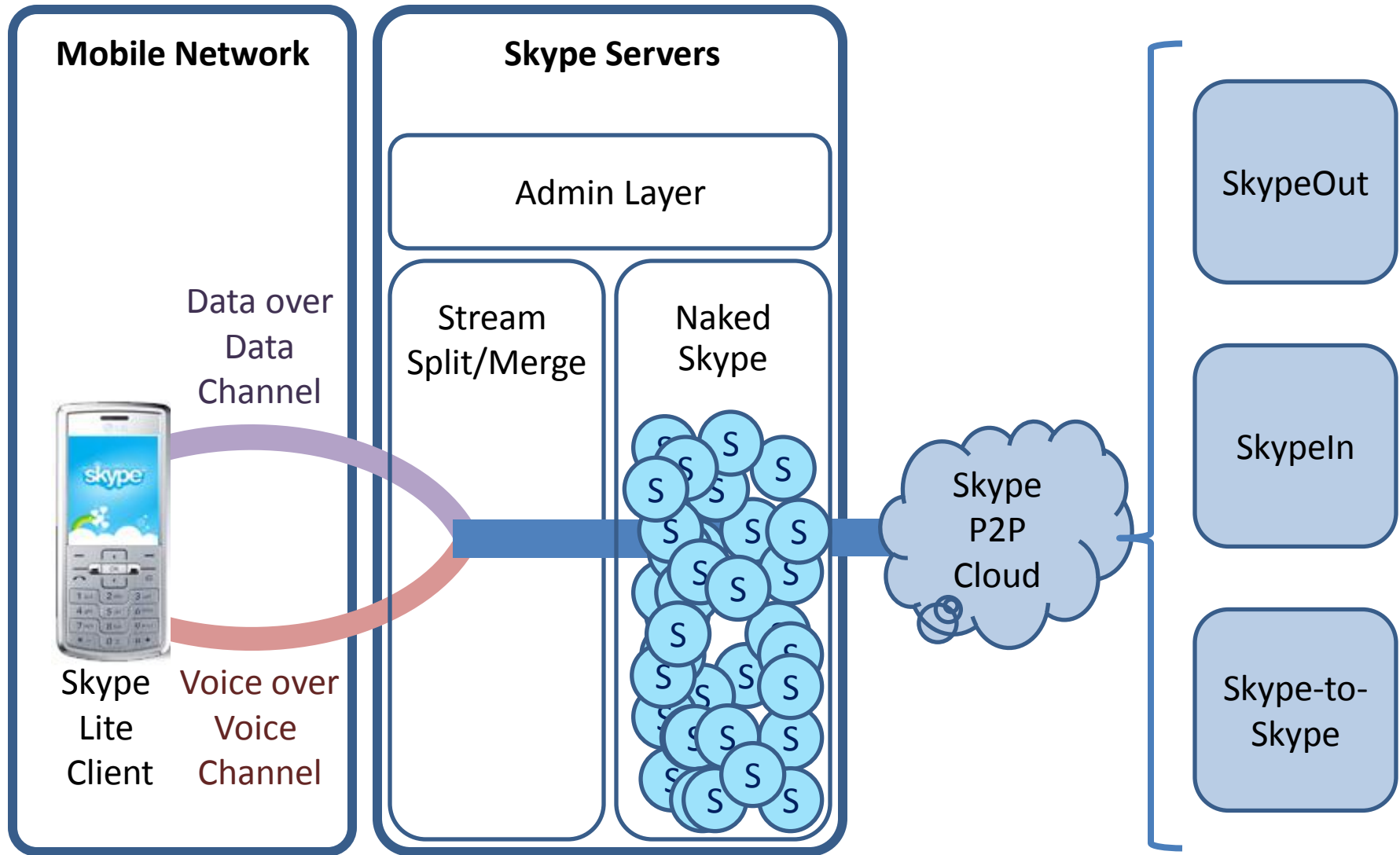
There are many “naked” instances



So there's a management layer



That's how Skype Lite works



SKYPE LITE DOES FOUR VALUABLE THINGS

Hosts a “naked Skype” client

- Lightweight – without video, UI, cruft
- Reliable and Efficient
- Unified API

Separates user experience from the network

- Teams can build different UIs for different mobile devices
- Lowers compute and networking burden on mobiles
- Easy to update everyone's engine without updating clients
- Metrics on usage rates to inform design and operations

Defines a protocol

- Protocol connects mobile thin clients to the Skype Gateway server
- Includes everything the mobile Skype client can do (presence, chat, voice calls, profile editing)

Scales the Gateway like a cloud

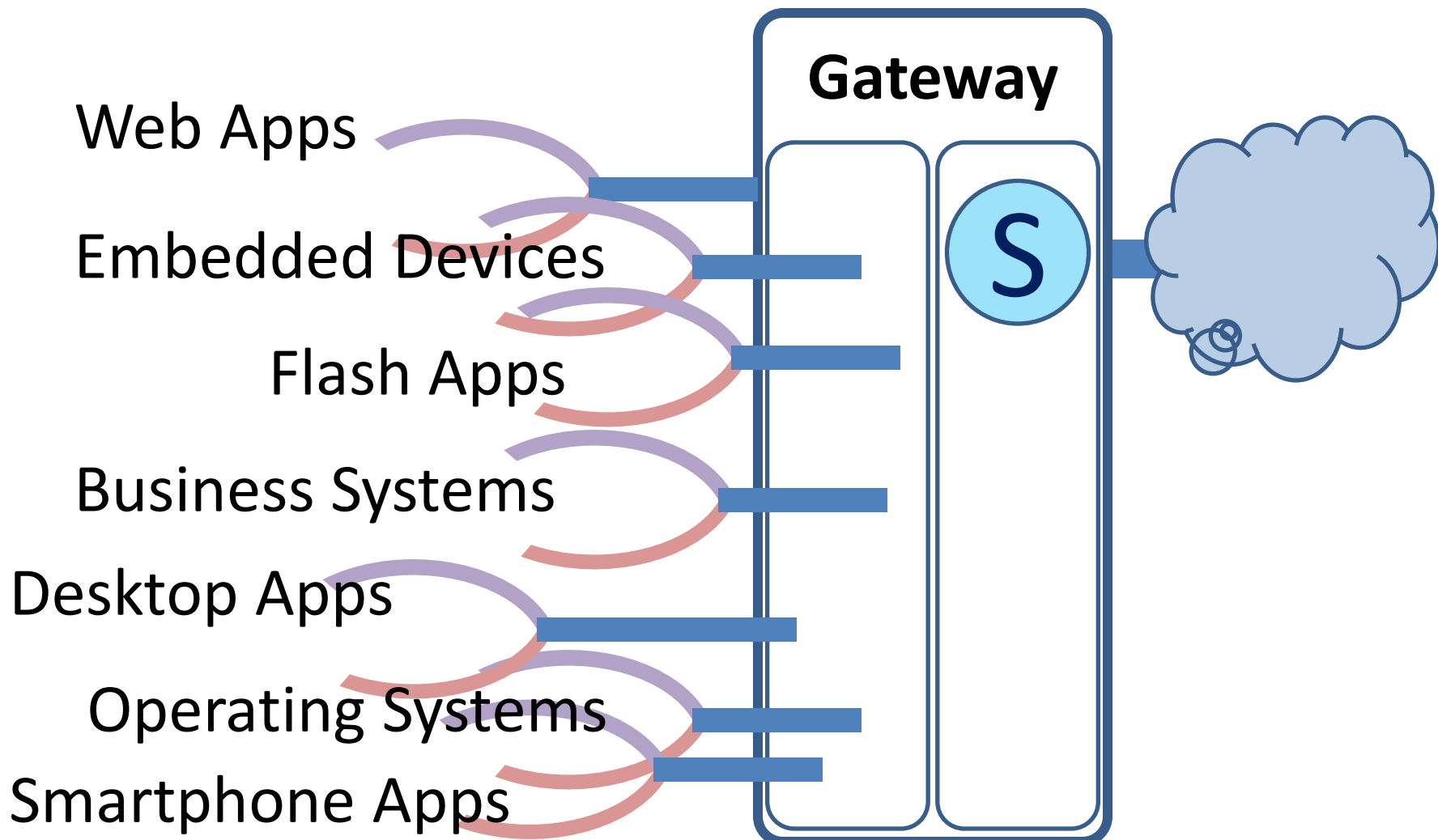
- Efficient:
 - Many Lite clients with few Skype servers
- Flexible:
 - Build and destroy instances with demand
- Location aware:
 - Position instances to cut latency

Skype Lite is a private platform

1. Hosts a “naked Skype” client
2. Separates user experience from the network
3. Defines a protocol between the mobile thin client and the Skype Gateway server
4. Scales the Gateway like a cloud

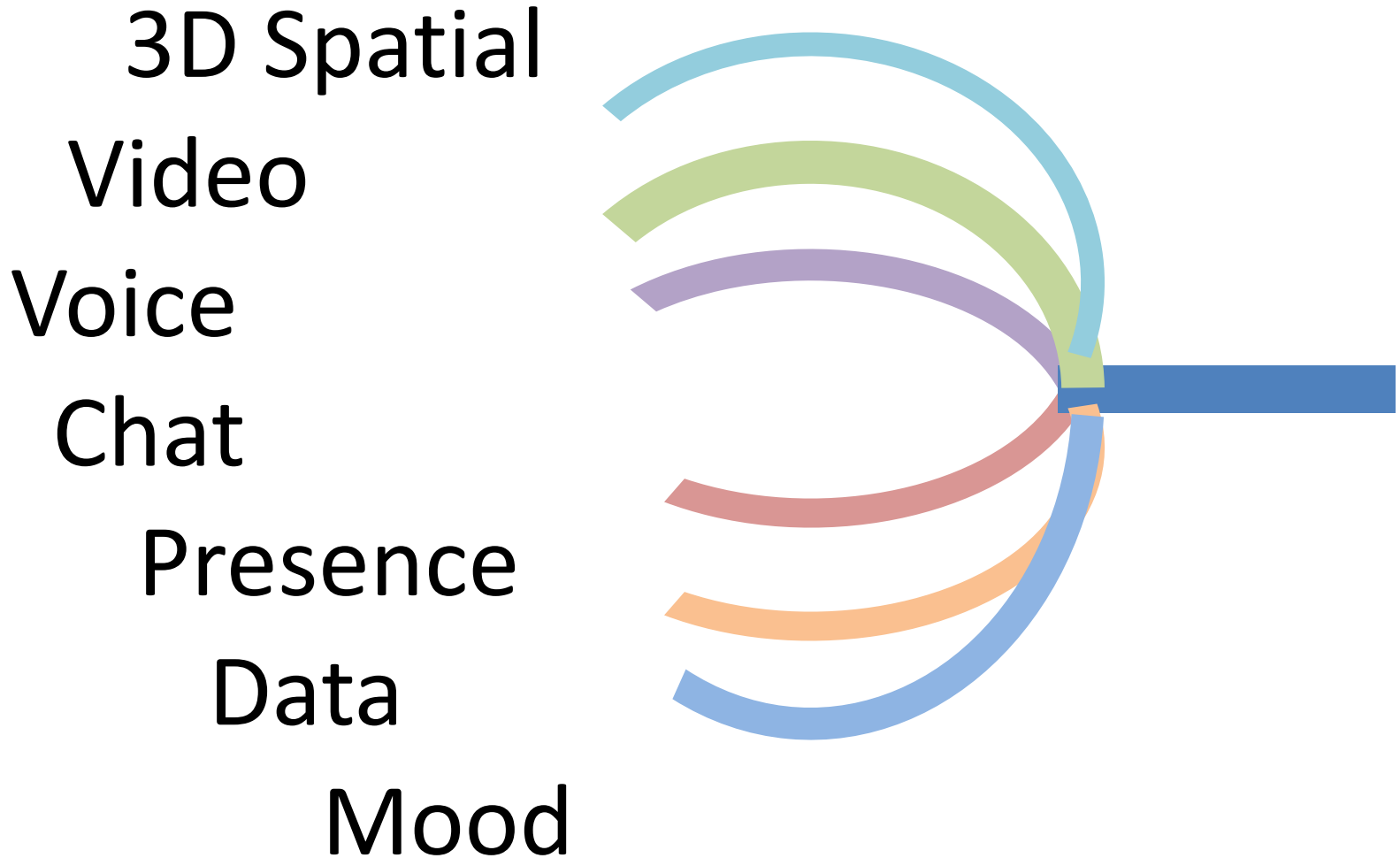
This creates an opportunity

What if we let other parties use Skype's Gateway?



Skype can support more modes

Great for partners



Skype could unify it's APIs

- Making/taking Skype sessions
- Skype calls, IM, file transfer
- Skype account creation, deletion
- Skype profile editing
- Skype control panel for organizations
- Skype Credit deposits and payments
- Skype ID authentication (Login with Skype)
- More to come...

To complete the platform

- Find alternate means to distribute
 - Skype's Encryption binary
 - Skype's and third-party codecs
 - Media assets (e.g. emoticons)
- SDKs for popular programming languages, delivery systems

What do you get?

Skype Inside

“Just Add Skype”

- Millions of programmers can add Skype to their toolkits
- Metered access to the gateway
- Commissions for driving revenue to Skype

Into what
would you like to pour
some Skype?



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