

# GÉANT RENDEZ-VOUS

**Adoption Pilot**

Frederic LOUI

# WebRTC in a nutshell ?

W3C & IETF standardization bodies



\* Thomas Edison : 1879 Light bulb invention



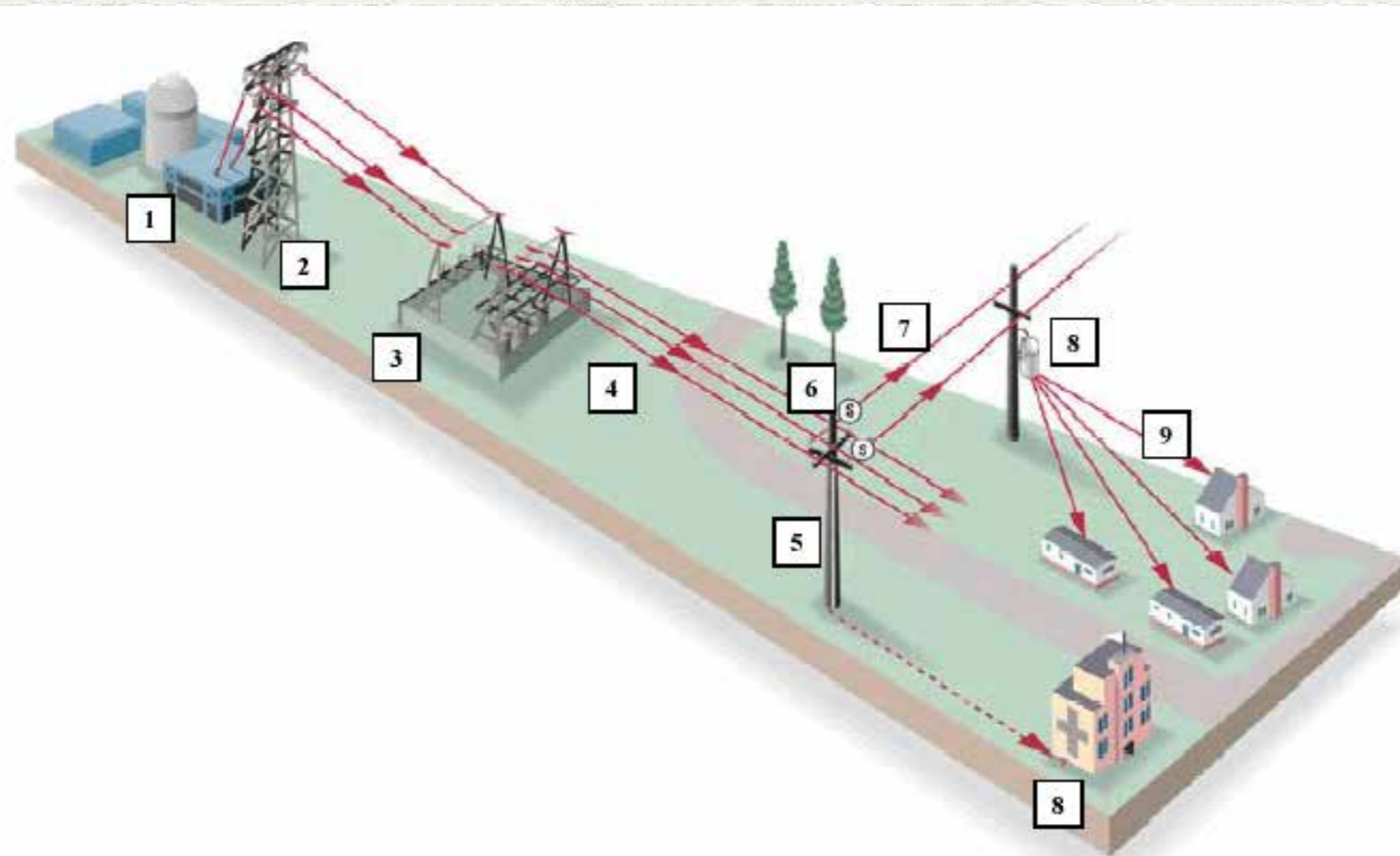
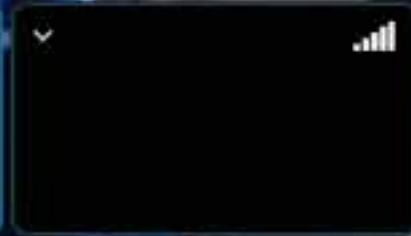


Diagram illustrates the major components of the system used to deliver electricity to homes and businesses. From left to right: (1) **generation sources** (power plants) and (2) **transmission lines**, (3) the **transmission-to-distribution substation** (where voltage is lowered), (4) **distribution feeder** (which might serve some facilities directly), (5) **power pole** (showing underground service to hospital), (6) **fuse** (designated by "S"), (7) **tap line** (the type of line that runs along the streets of neighborhoods), (8) **pole-top or pad-mount transformer** (for reducing service voltage to individual households and businesses), and (9) **service lines** to individual homes..

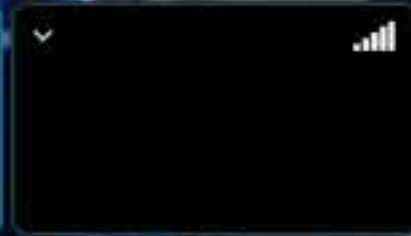
\* source: <https://www.progress-energy.com/assets/www/legacy/images/images/aboutenergy/learningctr/stormtips/cpl-ps-eps-powergraphic3-2.gif>

Dev





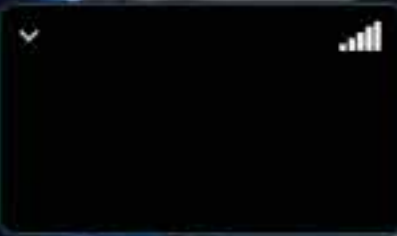
Dev



Dev

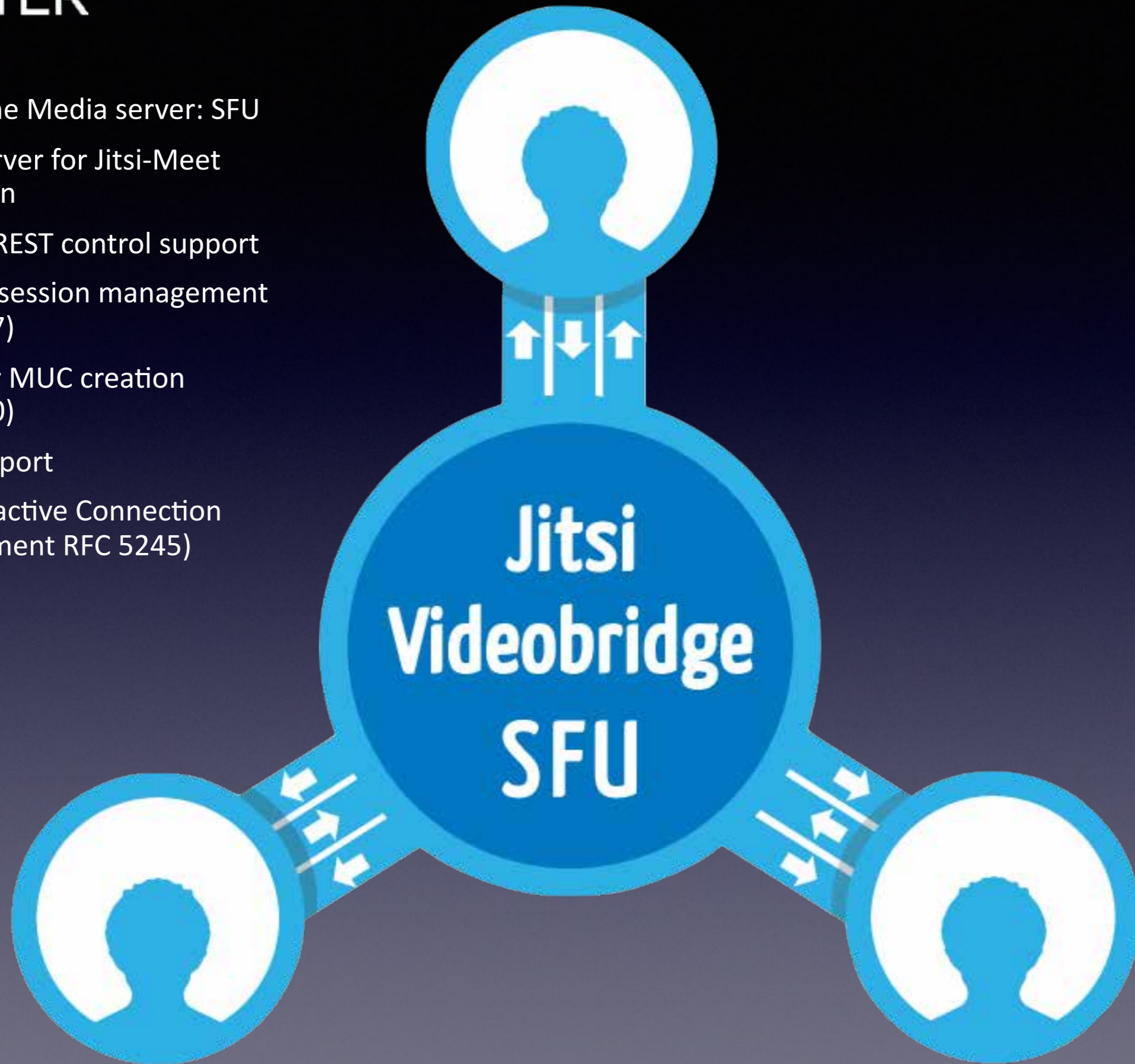


APAN 30





- Standalone Media server: SFU
- Media server for Jitsi-Meet application
- Xmpp or REST control support
- Jingle for session management (XEP-0167)
- Colibri for MUC creation (XEP-0340)
- LastN support
- ICE (Interactive Connection Establishment RFC 5245)
- Simulcat
- Statistics





- WebRTC: Chrome/Firefox
- Temsys Plugin for IE/SAFARI
- Javascript application.
- GUM, JSEP, Peer Connection
- Xmpp through BOSH
- SDP,DTLS/SRTP,JINGLE,ICE
- API

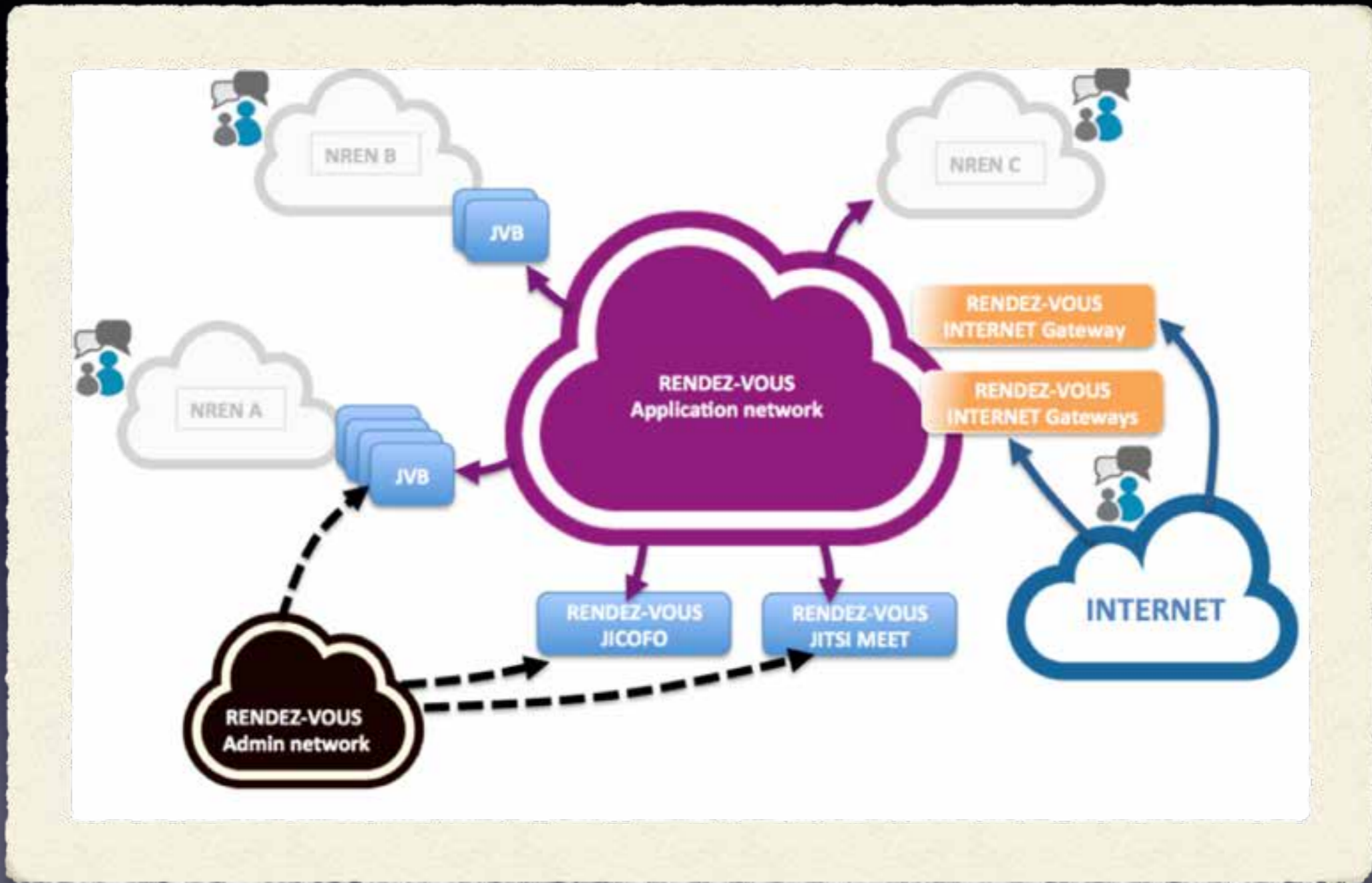


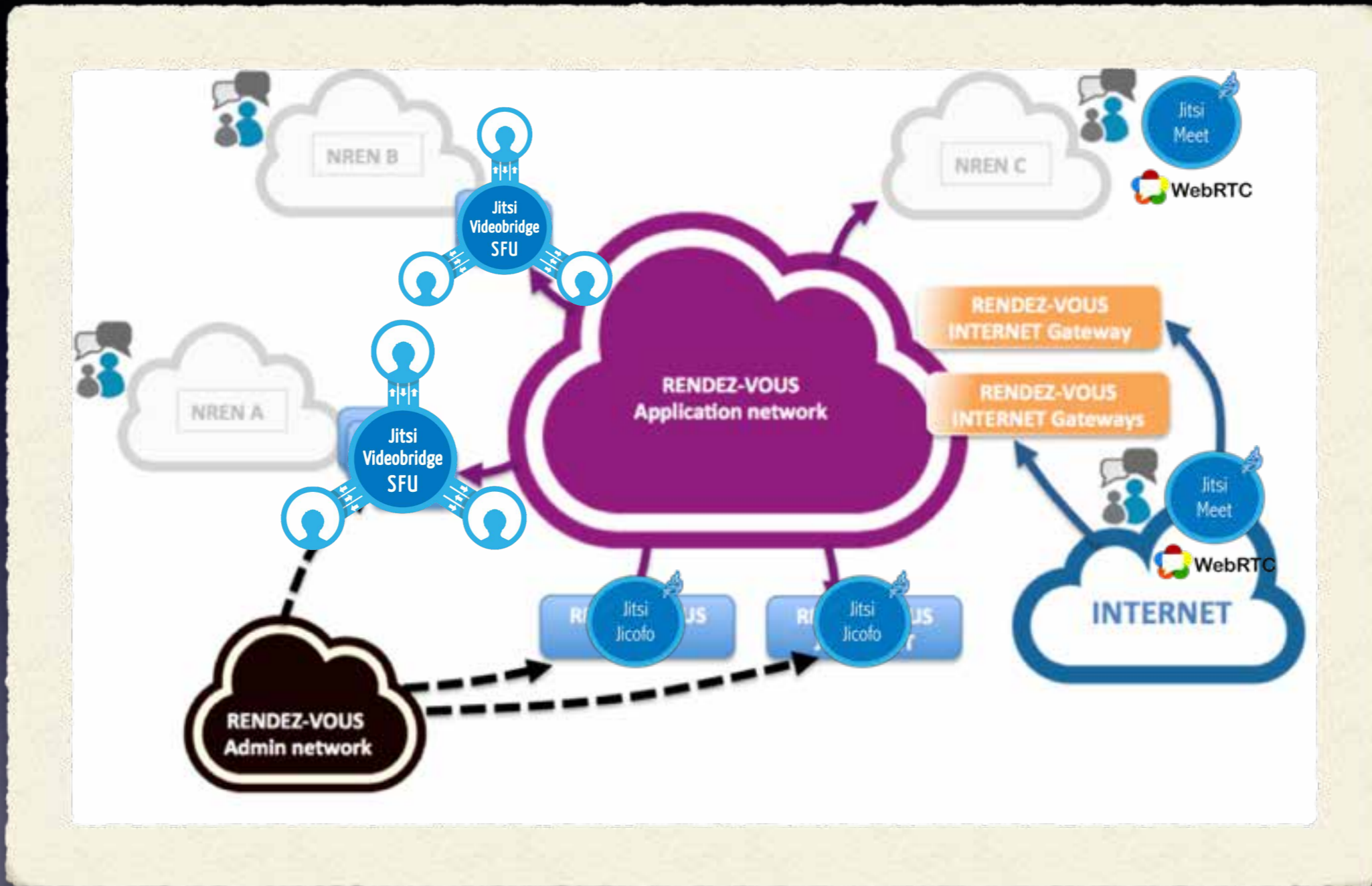
- Server side Focus (COLIBRI)
- Signaling: Colibri, Jingle, SDP
- Load Balancing
- Load Sharing
- Authentication
- Statistics



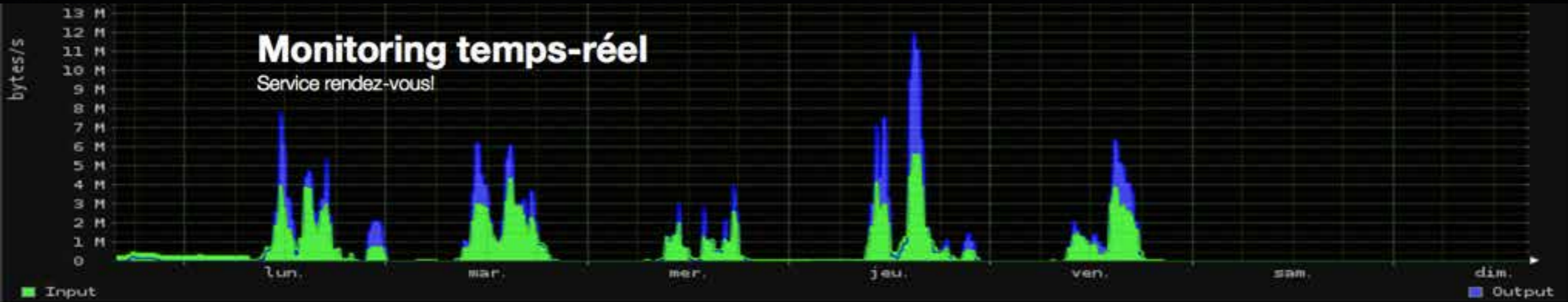
Jitsi  
Jicofo











### Rendez-vous

Statistiques de l'année.

Afficher »

### Rendez-vous

Statistiques du mois

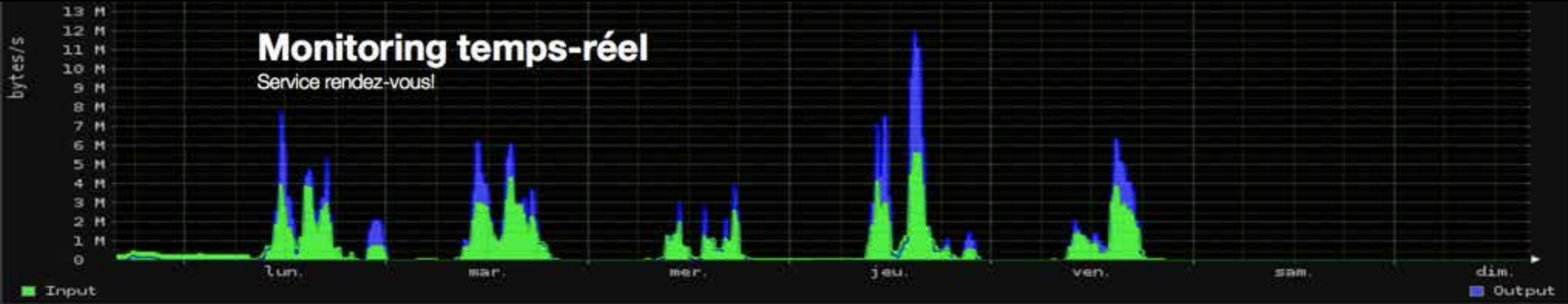
Afficher »

### Rendez-vous

Statistiques de la semaine.

Afficher »

	January	February	March	April	May	June	July	August	September	October	November	December	Aggregat
Total confs			1280	1955	1714	2520	1413	611	2071	1794			
Total cnx			5113	8190	7109	10277	5458	2290	9098	7753			
Total duration in days			372.3	768.4	745.6	1103.4	634.9	271.1	954.2	855.8			
Average cnx			4.0	4.2	4.1	4.1	3.9	3.7	4.4	4.3			
Average duration in minutes			41.9	56.6	62.6	63.1	64.7	63.9	66.4	68.7			



### Rendez-vous

Statistiques de l'année.

Afficher »

### Rendez-vous

Statistiques du mois

Afficher »

### Rendez-vous

Statistiques de la semaine.

Afficher »

# 110 days served !

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## Key take away ! (1 / 2)



Video (Web) conferencing  
&  
Media API !

# Key take away ! (2 / 2)



8 core CPU



1 GE

- 1x JITSY MEET
- 1x JITSY JICOFO
- 2x JITSY Video Bridge

# JOIN THE PILOT !

**2 ways to participate:**

- 1 - Use the pilot infrastructure**
- 2 - Take part to the pilot infrastructure**



# Use the pilot infrastructure

**1 - Provide feedback**

**Through SA7-T3 mailing list**

**2 - Weekly VC**

**In order to sync with SA7-T3 team and adjust the pilot accordingly**

**3 - Fill the Adoption Pilot final report**

# Take part to the pilot infrastructure

**0 - Deploy a set of Video Bridges**

**1 - Provide feedback**

**Through SA7-T3 mailing list**

**2 - Weekly VC**

**In order to sync with SA7-T3 team and adjust the  
pilot accordingly**

**3 - Fill the Adoption Pilot final report**



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