

# VIVO

Cloud Video Communication Platform  
for Operators and Service Providers

Unified Voice, Video, Chat

Public, Private, Hybrid Cloud

Pay as You Use

Fully Customisable

Fully Interoperable

B2B, B2C, C2C

## Overview

Vivo is a API Video Communication platform for Service Providers and Corporates

- Addressing any kind of market – B2B, B2C, C2C
- Allowing any kind of deployments - Public cloud, Private Cloud, Hybrid
- Fully Customizable
- Fully Interoperable
- Delivering flexible Commercial Approach – Pay as You Use Model

It includes

- Nemo : a complete end to end Monitoring and Reporting platform
- PIE : a service creation platform and a provisioning gateway
- SRE : a flexible session routing engine
- Unified Messaging Gateway : a unified chat interface

## Nemo

Nemo is an All-In-One product for Video over IP Services and Networks, covering the following functions:

- Monitoring
- Reporting
- Alarming
- Debugging
- Tracing and call simulation

Monitoring of Video over IP sessions in an IP network, Nemo allows monitoring of network usage in terms of session (simultaneous calls, call rate, call destination, call duration ...) as well as the quality of the media (packet loss, jitter, latency, MOS). Nemo offers intuitive, powerful graphing functionality to visually inspect all aspects of the VoIP network traffic.

Nemo offers a level 1 comprehensive troubleshooting interface for Service Providers, Integrators and End Customers

Nemo automatically compiles all the metrics consolidated by the platform into customized reports, generated on a regular basis and made available to Operators, Integrators and End-Customers. This ensures that all parties get access to the statistics they are interested in. The template-based report generation allows for advanced customization and branding.

## Pie

Pie is a Service creation platform and a provisioning gateway. It allows creating innovative services by orchestrating call to API's exposed by different network equipments .

Pie portal is a universal self-care solution allowing service providers to easily deploy user-friendly portal for their cloud services. The solution architecture has been designed to enable fast integration with most of the provisioning interfaces.

PIE user interfaces are designed to be very intuitive and user friendly, empowering customers with a "do it yourself" philosophy and o oading the service provider support team.

PIE solution is separated into front-end and back-end entities. This helps to address security considerations (front-end face end customers) and to speed up the web portal development as only front-end is impacted.

## Key Benefits

- Minimal financial risk (no HW investment)
- Fully software, easily integrating new video technologies
- Fully virtualized (no dedicated HW)
- Scalable (virtual machines and pay as you use licensing)
- Full control over customers
- Fully customisable (for operators, resellers and customers)
- Flexible commercial packaging
- Quick ROI

## SRE

SRE is a centralised, multi interface session routing engine.

SRE offers the possibility to create advanced and innovative routing thanks to its routing logic framework.

As an Advanced call routing, the SRE transforms the Virtual Meeting Room into your point of contact.

SRE routing framework guiding principles are exibility and openness. The data-model and routing logic offer unlimited routing policies.

On top of this, The Service Logic Editor, an extremely powerful and versatile functionality, is aimed at creating service logic in a few clicks.

## Unified Messaging Gateway

Unified Messaging Gateway allows to integrate different type of Messaging applications (Facebook, Skype, Hangout, Whatsapp, ...) into a Unified Chat Room.

Through Unified Chat Room, users inherit contact presence and can easily initiate Ad Hoc video calls in the most flexible way with contacts equipped or not with video applications.

## Screenshots



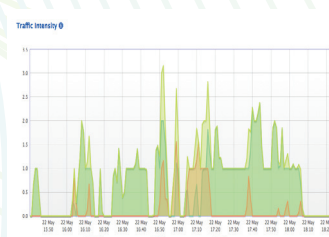
Advanced network monitoring

Step	Source	Destination	Protocol	Port	Time	Size	Flags
1	192.168.1.10	192.168.1.1	TCP	80	10:00:00.000	60	SYN
2	192.168.1.1	192.168.1.10	TCP	80	10:00:00.000	60	ACK
3	192.168.1.10	192.168.1.1	TCP	80	10:00:00.000	60	ACK
4	192.168.1.1	192.168.1.10	TCP	80	10:00:00.000	60	ACK

Call tracing



Unified Messaging



Advanced Reporting