



Platform as a Service (PaaS)

Hosting

A cost effective, IVR / IVVR Platform as a Service (PaaS) solution from I6NET's data centers for your business

I6NET's application hosting Vxi* platforms delivers cloud flexibility alongside multi-site failover, local data presence and enterprise security. Integrated managed services complement a cost effective solution designed specifically to deliver competitive advantage. It gives the ability to fully control your IVR / IVVR platform whilst reducing expenditure on real estate, power, space and cabling.

Features:

- Quick-start your IVR project without IT investment.
- Moving licenses, Vxi* licenses are yours and can be transferred to another site
- Speech engines, many TTS/ASR engines are available
- Security and reliability, our customers enjoy 99.95% uptime.
- Available over Linux OS for 32bit or 64bit kernels.
- Dedicated servers, to build large and scalable IVR services
- Backbone telecom services, to provide the best PSTN or VoIP trunking access.
- Monitoring, to ensure your services uptime.
- Backup and system's administration services.

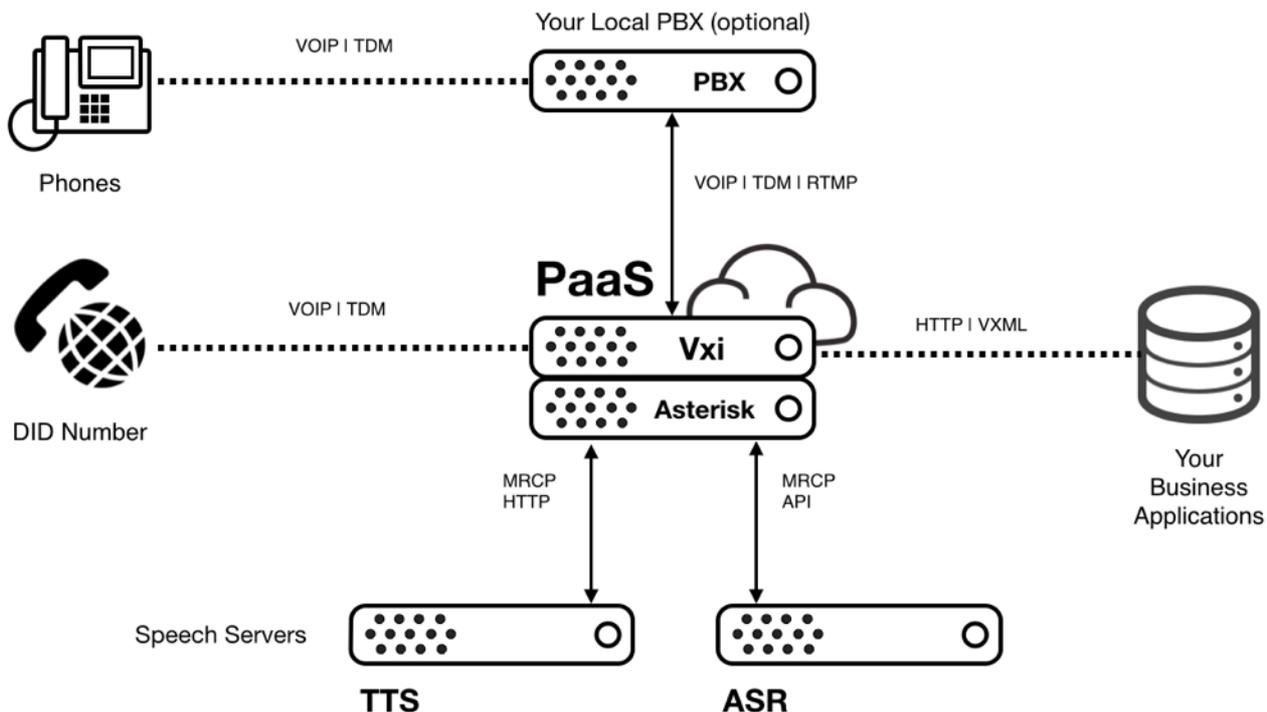


PROXMOX

Powered by Proxmox Virtualization Environment

VoiceXML and IVR / IVVR Architecture Model

The I6NET's PaaS supports VoiceXML and operates similar to a web browser; Your Vxi* software interprets and executes a script generated by a web server — but instead of an HTML script, it's a VoiceXML script. The platform is strictly responsible for data presentation and data collection over the phone; it communicates and interacts with you through audio / video streams on your voice or video phone. We provide you any resources required like Text-to-Speech or Speech Recognition engines according to your needs.



Speech Resources

With our PaaS you can get and host any speech resources required for your phone services:

Text-to-Speech (TTS)

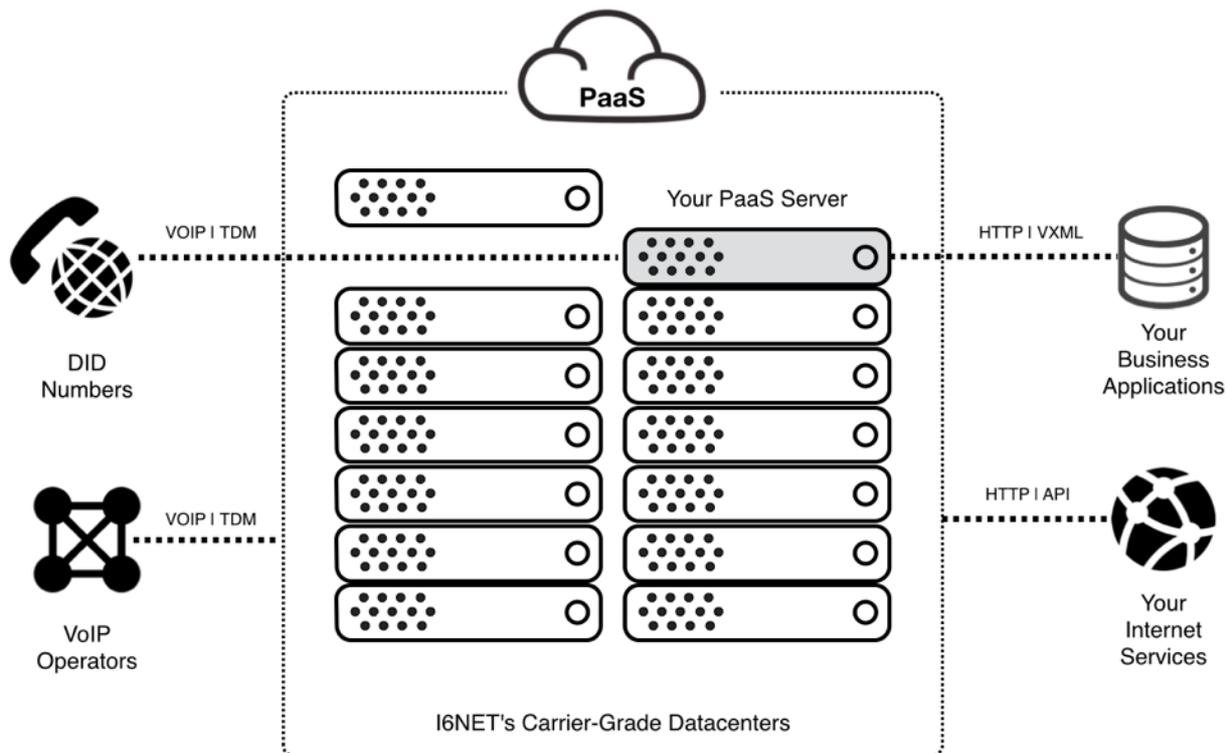
Lumenvox, Acapela, Ivona, Nuance, Verbio, Vestec, Neospeech, Voxygen, Flite, Mbrola,...

Speech Recognition (ASR)

Lumenvox, Nuance, Verbio, Vestec, Sestek,...

Advanced Cloud Management

The infrastructure and applications are managed for customers and support is available. Services are constantly updated, with existing features upgraded and additional features added. We assist developers from the conception of their original ideas to the creation of applications, and through to testing and deployment. This is all achieved in a managed mechanism.



Carrier Grade Datacenters

Our main Datacenters provide the Best Carrier Conditions for your IVR / IVVR services over HP Proliant servers series. They are all located in Europe - France at Lyon (Villeurbanne).



Figure: I6NET's Datacenter 2013 - Lyon (Villeurbanne)

Technical Environnement

Security & Reliability

We trust communications to be private and secure with best in class, always up to date security systems updates. All our software is designed and maintained with the highest standards in the industry. As a result, our customers enjoy 99.95% uptime. Availability is supremely important, which is why we ensure our servers are located in secure data centers and equipped with a special, self-healing system to minimize service downtime in the case of extraordinary issues.



Private Cloud

Depend on the cloud with always up, always on SLAs and geographically distributed on two data centers. We offer a Cloud Private environment based on Debian Squeeze 7.0 64bit, this distribution offers virtualization with Linux KVM and OpenVZ via our web Proxmox interface management. Security is provided, including data security, backup and recovery.



Backbone

Our backbone is designed to provision and manage large networks of virtual machines, creating a redundant and scalable cloud IVR / IVVR computing platform. It provides the software, SIP trunks, TDM access and control panels required to orchestrate our cloud environment, including running instances, managing networks, and controlling access through users and projects.



Monitoring

Our monitoring service helps ensure your voice and video applications have the uptime, availability, and responsiveness required to deliver high quality of service. Our automated monitoring solution based in Nageos can call, ping, and perform test requests to your application on a regularly scheduled basis throughout the day, and alert the telephone, email, sms, and instant message contacts you specify any time a problem is detected.



Support

We makes a serious commitment to serving our customers. Our approach is simple: we provide amazingly good, absolutely free technical support delivered by highly skilled and trained support engineers, who are experts on all of our IVR / IVVR products and services. We can add optional, professional services that enable you to outsource tuning, grammar development, performance analysis, stress and load testing, application monitoring.



PaaS Benefits

Cost savings

You don't have to invest in physical infrastructure to run your own IVR services; being able to 'rent' virtual infrastructure has both cost benefits and practical benefits. You don't need to purchase hardware yourself or employ the expertise to manage it.

Efficiently

What's more, you will only need to rent the resources you need rather than invest in fixed, unused and therefore wasted capacity. This leaves you free to focus on the development of applications.

Flexibility

You have control over the tools that are installed within your platforms and can create a server that suits your specific requirements. You can 'pick and choose' any features they feel are necessary for your phone self-service system.

Adaptability

Features can be changed if circumstances dictate that you should. Teams in various locations can work together; as an internet connection are all that is required, developers spread across several locations can work together on the same voice application build.



Engineering Team

Our technical team consists of telecom specialists and cloud telephony engineers. At I6NET, as we build the best IVR / IVVR software for Asterisk, we know how to provide best conditions required all-in-one, the platform, the datacenter and the support.



Figures: I6NET's team working at our data centers racks

www.i6net.com

I6NET Solutions and Technologies Limited is an European company dedicated to research and development of telecommunications and Internet technology. We are advanced services experts in voice and video interactivity in line with the latest evolution in telephony.

Corporate office

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