

Truphone

Opsera partnered with Truphone to design, build and support a pioneering global VoIP service for mass-market mobile phone users. The service allows mobile phones with WiFi to make calls and send SMS messages using WiFi and the Internet.

Our consultants designed a reliable and scalable, Open Source-based web infrastructure to support the launch, marketing and sales of this new mobile service. Following launch Opsera provided ongoing technical support for Truphone's infrastructure.

The Challenge

The challenge was to deliver a reliable and scalable web infrastructure in a short timeframe and then ensure the continued trouble-free operation of this infrastructure and it was expanded to meet the growing demand for Truphone's service.

Our Approach

We established a team of senior technical architects and developers led by a senior Opsera project manager. Our team worked in collaboration with Truphone personnel to define the functionality required, design an architecture that could be deployed within the budget and time constraints, and then we deployed the required infrastructure. Subsequently we planned and managed the expansion of the infrastructure into a dual data centre configuration to provide redundancy and disaster recovery.

Solution

We developed Truphone's infrastructure using Open Source components due to the superior flexibility of this approach. Their infrastructure supports the sign-up and provisioning of new users and integrates tightly with the back-end provisioning, billing and support systems.

The system was architected based on ITIL best practices including centralised configuration management and authentication.

Technologies used include: Linux, Apache, MySQL, OpenLDAP, Puppet and Nagios.

Results

Truphone were able to launch their service within 6 months of receiving their initial funding. The web infrastructure has proved to be very reliable and stable, attracting and supporting an increasing numbers of users. The flexible architecture has allowed for many enhancements and upgrades to be made to the service with only minor outages.



Our Client

[Visit Website](#)

Truphone is a young, venture capital backed company, and is pioneering the provision of mobile phone services based on Voice over IP (VoIP).