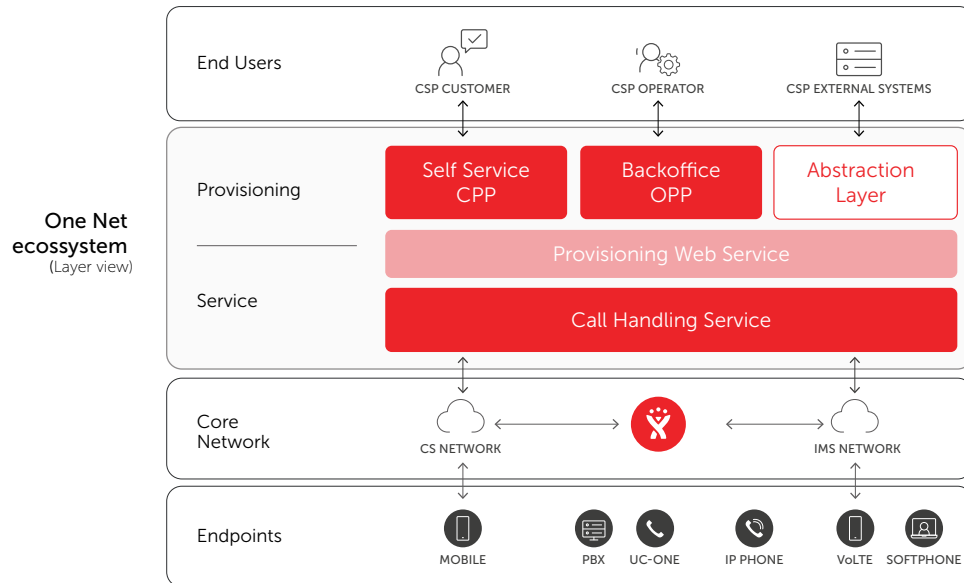


Bringing CSPs to modern Unified Communications

Vodafone UK and Celfocus worked on replacing the SEP product (Vodafone's integrated VPN solution), with the aim of providing a better service, a new portal, and new technology to Vodafone UK. After 5 drops and 20 user migrations, the project was successfully delivered, and 20,000 UK companies benefited from it.



OTHER REFERENCES

Celfocus One Net is currently operating in several major Vodafone OpCOs presenting the flexibility required to address the needs of each one. Such references include Vodafone Portugal, Italy, UK and Hungary, adding up to 14 million active users.



CHALLENGE

Vodafone UK needed to replace and evolve its old SEP built-in house system, that supplied private numbering plan and associated rules to its business customers, with the condition of a silent migration. The components were already outdated, it was lacking in-house knowledge and support and limited to old protocols (INAP, CAMEL) and Circuit Switching Network, putting it aside from the current standards like SIP and IMS network.

SOLUTION

Celfocus presented One Net VPN, an evolution from One Net Product, already live in UK, with the necessary enhancements to address the current SEP capabilities.

One Net VPN, includes features such as:

- Preferential Charging
- Call Hunt Group
- Advanced Private Numbering Plan
- Short Code CLI
- Advanced SIP trunk
- Call Barring, among others

Also includes an evolved API to integrate with Vodafone UK ecosystem.

BENEFITS

This project guaranteed Vodafone UK with a modern VPN service, with more intuitive portals, credited 3rd parties, and a wider solution lifecycle, fully supported with improved security.

Since the new One Net VPN service was designed to work in SIP technology, this replacement allowed Vodafone to migrate all the traffic from the legacy networks (Circuit Switching) to modern IMS networks (IP Multimedia Subsystem) without any impact on end users.

- Companies: **20 000**
- Terminals: **1.8M**
- Traffic: **250 Calls per second**
- Provisioning transactions per hour: **10 000**



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