

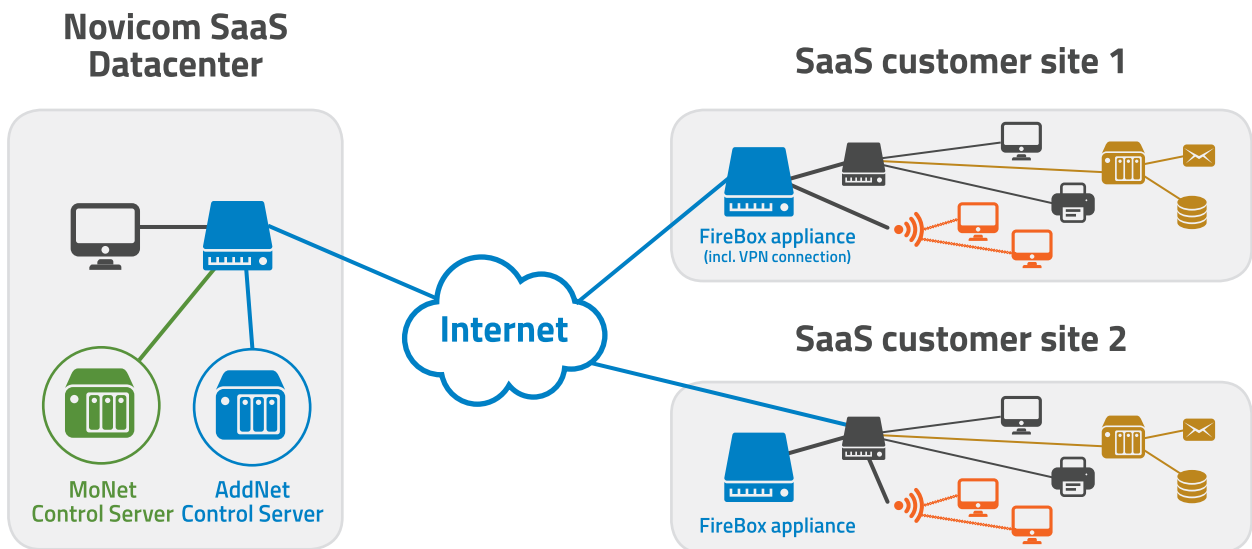
Novicom's MoNet and AddNet applications provided as SaaS

Novicom offers the option to use its advanced products as a service. Thanks to their unique technological design, MoNet infrastructure monitoring and DDI/NAC tool AddNet are both fully available for efficient deployment through SaaS.

Novicom uses its own resilient grid platform – Novicom SGP (Secure Grid Platform) and highly efficient communication protocol Novicom SDP (Secure Delivery Protocol). Beside this Novicom

also developed its own appliances with premium reliability.

This opens the possibility to use the model of hybrid SaaS service. MoNet/AddNet control servers are located in Novicom's datacenter while the FireBox appliances are set up at the customer's location and provide desired features such as monitoring or DDI/NAC (IP management, core network services and network access control).



Datacenter

The foundation for providing Novicom's products as a service is reliable datacenter, where the redundant components of infrastructure required for operating AddNet and MoNet control servers are located.

Novicom's SaaS is being provided from datacenter of company TTC, located in Prague. The center is equipped with modern technologies to ensure its continuous operation, such as redundant power supply, cooling and multi-connection to the internet.

MoNet and AddNet applications are ran on redundant infrastructure which allows to flexibly scale the operational performance and space according to the needs of customers.

Reliable FireBox Appliances

Novicom FireBox appliances meet all the requirements for efficient and secure operation of the monitoring or DDI/NAC services in the customer locality. FireBox is provided as a black-box and is based on reliable operating system, Linux – specifically modified for this purpose. Modifications of the kernel deliver premium level of security and operational reliability. One of the major modifications is ensuring the system consistency after restart by encrypting the system into the flash memory.

To ensure easy deployment of appliances and flexible support, Novicom has developed independent systems for central backup and restoration of appliances and system for central management of configurations and firmware. This guarantees superior recovery time in case of malfunction of device which is not using the advantages of active clustering provided by Novicom SGP platform. Another design advantage of FireBox appliances is the option to deploy them into virtual environment.

Maintaining the service

Novicom SaaS services are not only based on reliable technologies and software, but also on years of experience in operating applications in large networks and especially on standard processes provided by the employees of Novicom Support and Services group.

The standard processes include things such as

- Implementation of the service
- Changing the configuration of the service
- Assistance of technical support
- Reporting

MoNet and AddNet SaaS services are provided continuously thanks to the quality of used technologies. Customer requests are handled during standard work hours 9 – 17 of Prague local time (CET). It is possible to provide higher level of support services, should a customer demand it.

Implementation of service

Although Novicom's products are dedicated to provide highly sophisticated services such as monitoring or DDI/NAC, it is possible to greatly decrease the time and simplify the implementation

by using the central control servers for MoNet / AddNet.

The first step is to set up secure communication (using VPN) between customer's network, the FireBox appliance, and Novicom's datacenter which is operating SaaS. If the customer does not have an access to technology which ensures secure IPsec communication, it is possible to use FireBox VPN add-on, which provides this feature for multiport FireBox appliances.

After the connection is set, required services of monitoring or DDI/NAC may be set up remotely according to the information provided by the customer through standard simplified implementation procedures MoNet / AddNet.

After the setup is done, user training is provided to customer's employees as a standard on-site or on-line Novicom course. This phase also includes setting up the processes for support.

Summary of Novicom SaaS Advantages

Novicom's SaaS is aimed at the customers who demand Novicom's sophisticated technologies, but do not have the resources or qualified personnel to operate the technology on their own. Novicom SaaS may be also used as a tool to demonstrate the use of Novicom's technologies within an organization (Proof of Concept).

The main advantages are following:

- Lower investment required (HW, SW)
- Providing qualified operators
- Easy implementation of the service
- Flexible scalability of the service



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