



## CloudSight

### The next generation device management platform



CloudSight offers a suite of powerful remote provisioning and device management tools. It allows operators and CSPs to monitor, control and optimize their equipment from a single and easy-to-use interface. Besides providing TR-069 and XMPP based upgrade and provisioning capabilities, it also offers in-depth insights in the end-user home network for data analytics and realtime troubleshooting support. The mobile app completes the solution and puts the device management in the hands of the empowered end-user.

#### Key features



##### Easy provisioning

###### Zero touch provisioning

CloudSight allows to provision Genexis and other TR-069 based devices in a flexible way, using predefined scripts and schedulers. This results in automated provisioning scenarios. Northbound interoperability is supported via REST-API. Vendor independent provisioning of TR-069 capable devices supports a multi-vendor device strategy.



##### Quality of Experience management

###### Pro-active problem resolution and network optimizing data analytics

CloudSight offers real-time insights in the status of the customers home network through a dedicated userinterface. It automatically groups devices that belong to the same home and provides a system level overview of the connected devices. The support team can analyse the home with different diagnostics tools and receive alerts with clear instructions on how to remedy the situation.



##### Smart in-home management

Real-time device monitoring and troubleshooting  
CloudSight collects all available data from devices and their connected clients. By combining real-time and historic data, automated analyses are made to detect network problems. The problem detection mechanism creates alarms that can be picked-up and resolved by the support team.



##### CloudSight Connect App

###### Simple self-management app

The CloudSight Connect App allows the end-user to easily setup and manage his home network. By empowering the end-user to take control and resolve issues via this easy-to-use iOS and Android app, operating costs go down, while customer satisfaction rises. The CloudSight Connect App can be customized to fit your company branding and local language.



# Product features

## CloudSight - The indispensable link between a satisfied operator and happy customer!

### Easy provisioning

Organize software and devices

- Software architectures
- Firmwares and packages
- Create device groups
- Define services
- Access to the service per customer user group
- Service network performance requirements
- Reports of installed services
- Upload predefined scripts and provision data

Managing of accounts

- Import accounts
- Push accounts to devices
- View registered (trusted) and unregistered devices
- Helpdesk user management & access levels
- Export collected user data

Install & provision embedded software

- Schedule upgrades and package installations per group
- Schedule service installations and provisioning
- Check upgrade and installation process
- North Bound Interface and 3rd party integration via REST-API
- Supporting TR-069 and XMPP protocols

Advanced security controls

- Role based access control
- Automated IP-based blacklisting
- Encrypted communication

### Smart in-home management

Health status of the device park and the individual devices

Pro-active identification of weakspots and high risk devices

Resolution recommendations

One-Touch resolution

Search functions to easily find homes and devices

Data collection of the device park

- Device GUI-cut-through
- Historic data for performance analyses
- Speed test & iperf link quality test
- System monitor
- Remote shell
- Details of connected devices
- Service provisioning per box

### Quality of Experience management

Data collection of the device park

- Syslog data
- System statistics
- Script based data collection
- Kibana and Elasticsearch data exploration tools

Alarm & report management

- Create watchers rules to monitor home device network health
- Create automated actions based on the discovered issues (e.g., reboot)
- Create reports based on the available dashboards

### CloudSight Connect App

Manage Wi-Fi settings (e.g., passwords and SSID)

Easy installation guidance

Cloud connected

Topology map and details of home network

Manage internet access

Customizable to fit you company branding

Multi language

Manage Guest Network

Access control

In-home network diagnostics



### Designed for purpose

CloudSight is designed with the operator, CSP and customer in mind. Every aspect is highly functional, secure, and easy-to-use.



### Premium support

CloudSight Support is tailored to your needs. Full and carefree onboarding, local training, consultancy and 24/7 SLA committed support.



### Pay-as-you-grow

CloudSight is a modular, scalable and flexible SaaS solution that requires no upfront investments.



### Intrested?

Contact your local sales representative or mail us at [info@genexis.eu](mailto:info@genexis.eu) for a free trial.