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Climax Home Portal Platform

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Climax Home Portal Platform

An IP/GPRS-Based Solution to Deliver Smart Home Security & Mobile Control Services



- **Reliable and High-Capacity IP/GPRS Platform**
- **Visual Verification**
- **Home Automation**
- **Voice Control**
- **Remote Monitoring & Mobile Control**
- **Energy Management**
- **Location Tracking**

The advancement of IP technology has created new challenges and opportunities for the security industry worldwide. While monitoring centers seek solutions to integrate IP/GPRS-based services such as visual verification and home automation, the popular use of mobile devices has also triggered end users' demand to directly view and control their homes from their smartphones or tablets.

The Climax Home Portal Platform (CHPP) is an IP/GPRS-based security management solution designed to meet these needs by maximizing the benefits of IP technology for both monitoring centers and end users. Home Portal Server, the CHPP's IP networking software, can be customized to work seamlessly with the infrastructure of monitoring centers, integrators, and service providers.



Total Visual Monitoring

Indoor & Outdoor IP cameras, PIR cameras, and PIR video cameras can be incorporated via Climax Home Portal Platform for visual verification and real-time visual monitoring. PIR Cameras captures images and record video clips when unauthorized motions are detected and immediately notifies end users and monitoring centers. CHPP allows end users to view live video stream to keep an eye on their home and loved ones.



Alarm Notification Reporting

Climax Home Portal Platform is built to send alarm reporting in multiple formats, including alarm events in CID/SIA formats, SMS message, email reporting, or phone push notifications. Reliability and promptly send videos and images over email and/or push notify to have end users check their smartphone application.



Voice Control with Alexa

Climax Home Portal Platform has integrated Amazon Echo compatibility, allowing users to use Amazon Alexa voice control to arm and disarm their security system using a secure PIN. Users will also be able to voice control interact with other compatible smart home devices like thermostats, lights, and smart locks.

An All-in-One Solution for Security Professionals and Home Owners

The Climax Home Portal Platform provides end users and service providers with new and convenient ways to manage home security and smart home automation services

Benefits for the End Users



Home Security

Receive alarm reporting or status reports via email or smartphone push notification and be able to respond immediately



Mobile Control

Remotely control and manage your smart home security system anytime, anywhere



Live Visual Monitoring

Incorporate security cameras or PIR cameras for visual verification and real-time visual monitoring.



Energy Management

Monitor electricity usage and program entire home for maximum energy efficiency and reduce electricity bills



Home Automation

Add on automation devices to enhance security and all-round comfort and well-being

Benefits for the Security Professionals/Service Providers

Scalable & High-Capacity IP/GPRS Platform

- Stable and Reliable Platform infrastructure
- Scalable & High-Capacity IP/GPRS Platform for flexible, continuous growth
- Operate all Climax Smart Home Security Gateways with IP/GPRS connectivity

Total Visual Monitoring

- Use visual verification to reduce fines and wasted resources caused by false alarms
- Send alarm alerts to end users via SMS messages, emails or push notifications
- Enable end users to view images/videos or live video streams on mobile devices

Easy Programming and Management

- Remotely monitor and manage control panels and devices via user-friendly administration dashboards
- Conveniently program, maintain and upgrade alarm systems

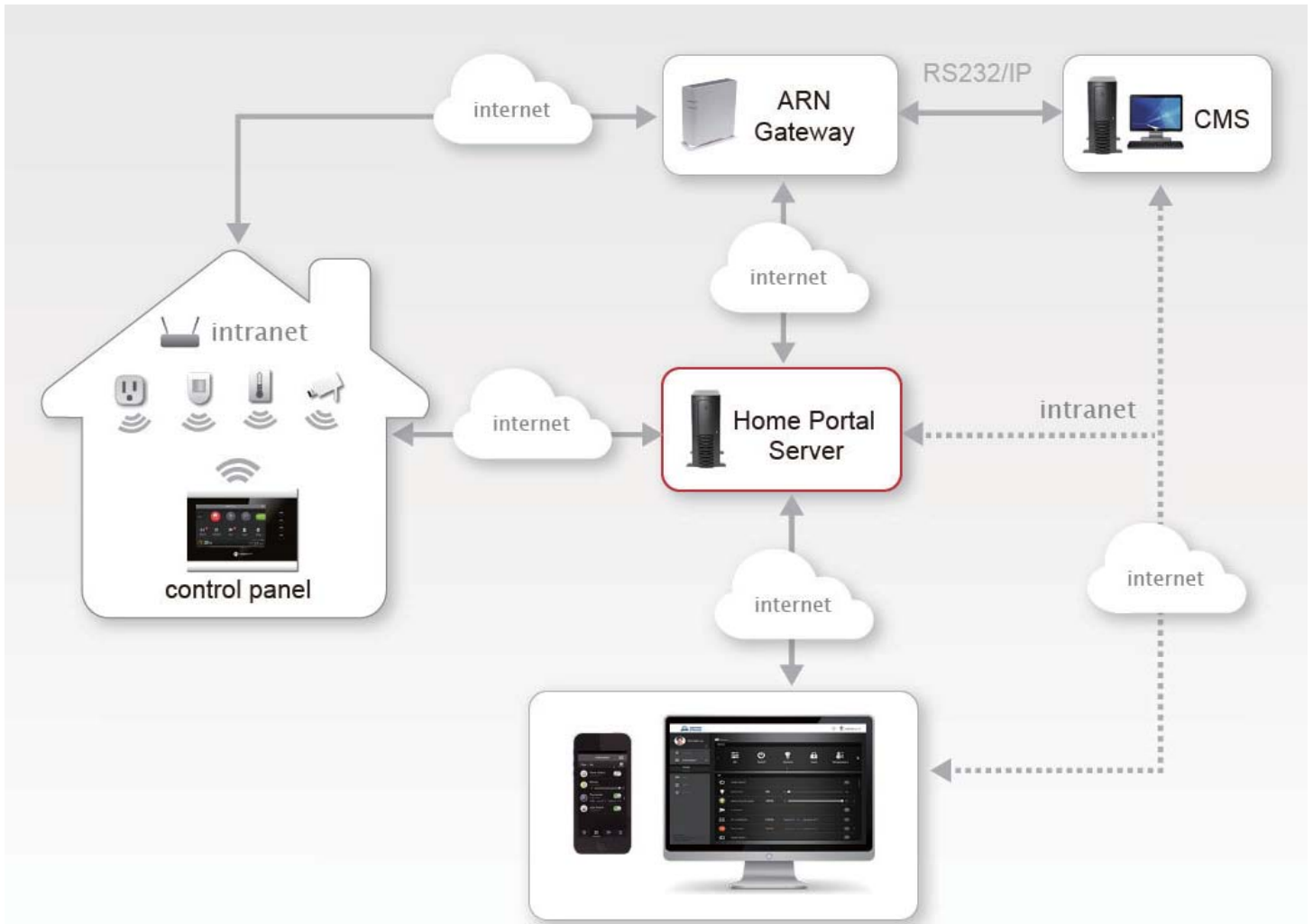
Location Tracking

- View the GPS locations of Mobile PERS medical alarm end users on Google maps

Customer Satisfaction

- Improve customer satisfaction and retention by offering top-quality services
- Provide a competitive edge by offering bundled monitoring services to your customers

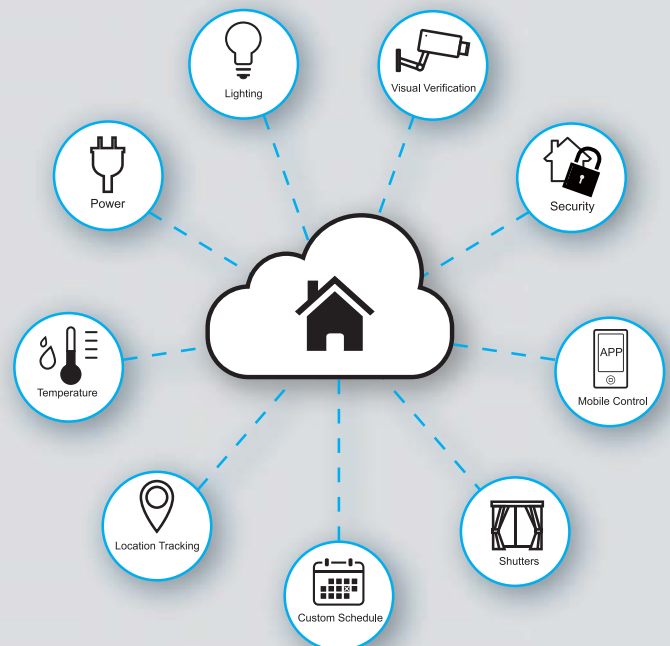
How the Climax Home Portal Platform Works



What is Home Portal Server?

Home Portal Server is a high capacity IP/GPRS-based security management solution designed to meet the need for both security professionals and end users, providing new and convenient ways to manage home security and smart home automation services.

As an all-in-one solution, the Home Portal Server Platform provides remote mobile control, visual verification, alarm notification, advanced home automation, energy management, total visual monitoring, and user-friendly interface. The platform can be accessed via a web browser or mobile application (iOS/Android).



Intuitive User Experience

Home Portal Server's mobile application, webpage, and backend manager software suite was designed with focus of user experience and usability in mind, skillfully transforms cutting-edge smart home and security technologies into robust features that allows users to remotely monitor and control their Smart Home Alarm System and home automation appliances from any corner of the world anytime, anywhere.



CHPP System Requirements and Specifications

Home Portal Server Physical Server

Server Hardware Requirements	
Server Type	Linux Server
CPU	24 cores x 2.1GHz
Memory	128GB RAM
Storage	1T SATA Hard Disk Drive
Network File System Server Hardware Requirements	
Server Type	Linux Server
CPU	8 cores x 2.1GHz
Memory	16GB RAM
Storage	2T SATA Hard Disk Drive
Software Requirements	
Operating System	Proxmox OS
IP Address	One fixed IP address
Accounts & Passwords	SSL Telnet Login Account & Password for software installation FTP Account & Password to upload data to a designated web space
Application Requirements	
Apple Developer Account	For Push notification server and mobile app publication on iTunes Store
Android Developer Account	For mobile app publication on Google Play Store
Other Requirements	
Web Space	For server hosting
SMS Service Account	To send SMS authentication, reports, and status reports
Email Account	To send email authentication and reports (Gmail SMTP recommended)
Specifications	
NIC Supported Data Rates	10/100/1000Mbps (depending on the hardware)
Number of Control Panels Supported	10,000 (depending on internet bandwidth)
Security System Reporting Protocols	SIA/CID over IP
Notification Dispatcher	SMS, Email or Push notifications
Event logs	One million
Image/Video Storage	Local Storage



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