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HealthPro Multi-site health monitoring and maintenance

General	Product Name	HealthPro v1.10
	Product Type	Software as a Service (SaaS)
	Cloud Service Provider	AWS (US region)
	Service Locations	North America, South Korea, Oceania, Europe
	User Interface	Supports all OS (Windows and Linux) and devices (PC, Tablet, Mobile) using Chrome, Edge, and Safari web browsers
	Supported Language	English, Korean, French, German, Spanish, Italian, Portuguese (Brazilian)
	Protocol	HTML5, CSS, JS, ARIA, DOM, Web APIs, HTTP, REST API, MIME type, JSON, WebSocket, XML, JSON, CSV, TLS, HTTPS, CORS, UTF-8, i18n, i10n, MQTTS, SUNAPI, VAPIX, i-PRO CGI, WAVE HTTP REST API
	Network Connection *A firewall exception is required.	Source / Destination / Port / Application: HealthPro Bridge / *.hanwhavision.cloud / TCP 443 / HTTPS HealthPro Bridge / *.hanwhavision.cloud / TCP 443 / MQTTS HealthPro Bridge / *.s3.amazonaws.com / TCP 443 / HTTPS Web Browser / *.hanwhavision.cloud / TCP 443 / HTTPS Web Browser / *.hanwhavision.cloud / TCP 443 / WSS Web Browser / maps.gstatic.com / TCP 443 / HTTPS Web Browser / fonts.gstatic.com / TCP 443 / HTTPS Web Browser / maps.googleapis.com / TCP 443 / HTTPS
Scalability	# of Locations per Org.	5,000
	# of Devices per Org.	20,000
	# of Users per Org.	1,000
	# of Clients (web) per Org.	Unlimited
Compatible Devices	Hanwha Vision	SUNAPI v2.6.0+ Camera & NVR via HealthPro Bridge or D2C
	Hanwha Vision VMS	WAVE v5+ via HealthPro Bridge or WAVE Sync account
	3rd Party	VAPIX v1.0+, i-PRO CGI v1.14+, Onvif Camera, Allied Telesis PoE (SNMP v2c) via HealthPro Bridge
	HealthPro Bridge v1.10	- Free Software for Cloud Connectivity - Web & Node.js with CloudConnector (Some components use C# .NET Framework, MS VisualC++) - Supported Language: English, Korean, French, German, Spanish, Italian, Portuguese (Brazilian) # of Devices per Software: 200+ - Supported Devices: Hanwha Vision Camera, WAVE VMS, 3rd Party Camera (AXIS, i-PRO, Onvif), NVR, Allied Telesis (PoE) - Server (OS): Windows 10 to 11 Pro+incl. Windows Server 2016 to 2025 Standard+, x86-64 Ubuntu Linux 22.04 LTS+ - Client: Web Browser, Installed Application - DBMS: SQLite (Encrypted with AES-256) - Protocol: HTTP(S), SUNAPI, WAVE REST API, VAPIX, i-PRO CGI, Onvif, SNMP (v2c) - Requirements: Intel i3-10100, 16GB RAM, SSD with at least 1GB of Free Space, 100Mbps+ Wired Network

Features	Dashboard	Location, Server, Camera, Update, License, Life cycle
	Widget	Server, Storage, Camera, Update, License, Life cycle, Notification
	Health Monitor (Server & Storage, Camera)	Hanwha Vision Camera & NVR (SUNAPI v2.6.0+ via HealthPro Bridge or D2C), 3rd Party Camera (VAPIX v1.0+, i-PRO CGI 1.14+, Onvif via HealthPro Bridge), WAVE VMS (v5+ via HealthPro Bridge or WAVE Sync account)
	Policy Management	Auto Software (Firmware) Update, Auto Image Health Check
	Life cycle Management	Hanwha Vision Camera w/ STEP Code
	License Management	Hanwha Vision Camera, 3rd Party Camera (AXIS, i-PRO, Onvif)
	Task Management	Create / Assign / Resolve 10 Types of Tasks: Camera Disconnected, Camera IP Conflict, Authentication Issue, Network Issue, Server Certification Error, Server Conflict, Server Failure, Storage Issue, Device Disconnected, Image Health Issue
	Notification	Notification Center, Email, Web Push, In-app
	Remote Control	Hanwha Vision, AXIS, i-PRO, Onvif Camera: Stream & Codec, Motion & Object detection, Password, Focus, Bestshot, SUNAPI Command, Reboot & Power Cycling w/ Allied Telesis PoE
	Logs	User, Device, Task, Health, Resource
Cybersecurity	Report	Automated Summary Reports via Email, CSV Download of Data Lists in All Menus
	Map View	Google Map
	Personal Information	Name, Email, Role, Phone (Optional), Photo (Optional)
	Device Information	Online Status, Manufacture, Model, Serial Number, Software Version, Device Name, Network Information, Live Image, Flash Memory & Record Status, CPU & RAM Usage, Open Platform Apps Status, AI Apps Status, Warranty, Power Usage, VMS & NVR Record Status, Image Health Status
	Logs (reprocess device information)	Event / Type, Time, User / Device information
	Stored Data (DB) Protection	Database Encryption and Access Control
	Data Transmission Protection	TLS-based Encrypted Communication
	Server Protection	Security Patching, Access Control, and Enhanced Authentication
	Network Protection	VPC, Security Groups, and Firewall Policy Implementation
	Managed Security	24/365 from a Certified Professional Company
High Availability	Redundancy	Redundant Configuration of Servers and Services
	Data Backup	Regular Backups and Disaster Recovery Policies in Place