IO NODES

PERCEPT CLOUD

The Cloud-Managed Video Operations Platform

An Open Video Ecosystem at Your Fingertips

PERCEPT Cloud is a transformative platform that delivers true interoperability across video technologies, enhancing the value of your investment in IONODES products and solutions. Built on an open ecosystem architecture, it integrates directly with the IONODES network of technology partners, connects seamlessly into existing workflows and infrastructures, and supports a wide range of third-party video devices to ensure flexibility and scalability for any organization.

Advanced IoT Device Management

Manage, organize and configure devices from anywhere

AI and Video Analytics Integration

Seamlessly connect AI video analytics to your video ecosystem

Unified Video Connectivity Hub

Centralize and unify your video across every system

On-Demand Live Video Streaming

Flexible streaming options with customizable view layouts

Geolocation and Live Mapping

Precise geolocation of video assets and live device tracking

Event Video Management and Playback

Access to video events captured within your fleet of devices

Unlock the Power of Your Video Ecosystem

Take the next step toward more advanced and secure video management. Contact us today and discover how PERCEPT Cloud can unlock flexibility, scalability, and intelligence for your organization.

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PERCEPT CLOUD

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Remote Video Access, Simplified

Take control of your video operations with PERCEPT Cloud, a comprehensive solution for device management, live streaming, event playback, and real-time geolocation. From IONODES IoT devices to cameras already deployed, you can manage and monitor virtually any video feed directly from the platform without the need for complex infrastructure update. Gain flexibility, mobility, and control in one unified solution designed for advanced video operations in the cloud.

Deployment Your Way

PERCEPT Cloud is designed to fit your organization's unique infrastructure strategy. Whether you prefer a fully cloud-based deployment with no local servers, a hybrid approach that centralizes multiple sites while maintaining on-premises resources, or an on-premises setup enhanced with cloud-powered device management and AI analytics, PERCEPT Cloud adapts seamlessly.

Fully Cloud

Extend your end-to-end cloud video strategy with our unique IoT video ecosystem.

Hybrid Approach

Centralize management of your on-premises systems for simplified multi-site visibility.

Enhanced On-Premise

Elevate your existing on-premise infrastructure with cloud-based device fleet management.
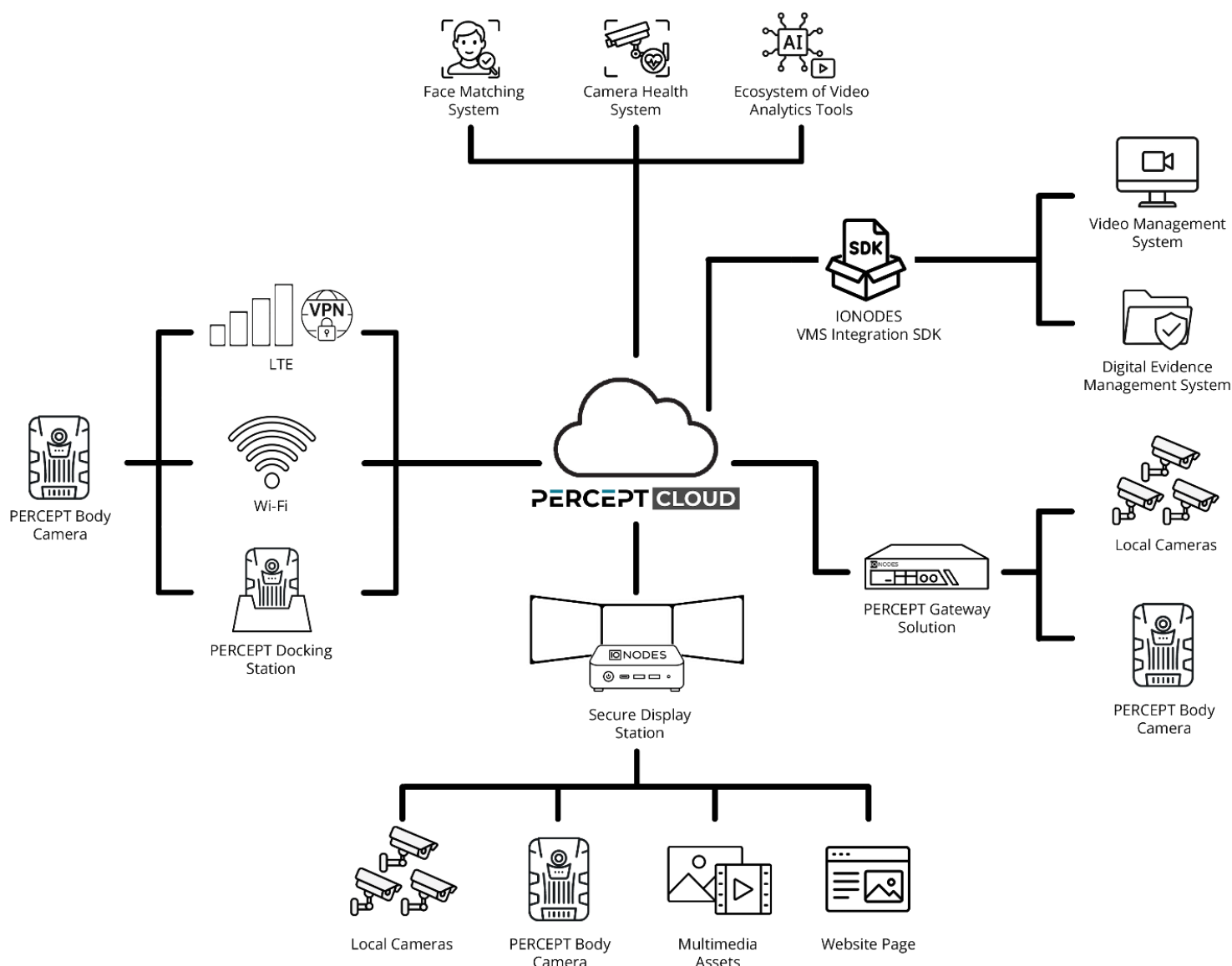
Scaling Intelligence Across Video

PERCEPT Cloud empowers organizations by maximizing the value of their existing video infrastructure through advanced capabilities. The platform transforms deployments into an open, scalable architecture that supports centralized management across multiple sites. It also enables organizations to leverage their current hardware to incorporate AI-driven video analytics, increasing flexibility and unlocking access to a broader ecosystem of video technologies.

Building a Connected Ecosystem with PERCEPT Cloud

All IONODES technologies integrate seamlessly with the PERCEPT Cloud platform, enabling full interconnectivity across the ecosystem. This allows each solution to connect, display, and interact with others effortlessly. PERCEPT Cloud can operate alongside your preferred VMS for any solution type, enhancing performance and workflow through the IONODES VMS Integration SDK. It can also function as a powerful standalone solution.

PERCEPT Cloud Ecosystem

Face Matching System

Camera Health System

Ecosystem of Video Analytics Tools

IONODES VMS Integration SDK

Video Management System

Digital Evidence Management System

LTE

VPN

Wi-Fi

PERCEPT Body Camera

PERCEPT Docking Station

PERCEPT CLOUD

Secure Display Station

PERCEPT Gateway Solution

Local Cameras

PERCEPT Body Camera

Local Cameras

PERCEPT Body Camera

Multimedia Assets

Website Page

PERCEPT CLOUD
PERCEPT Body Camera

Secure and encrypted data transmission

Live streaming and video playback

Advanced device search and tagging

Device health and performance overview

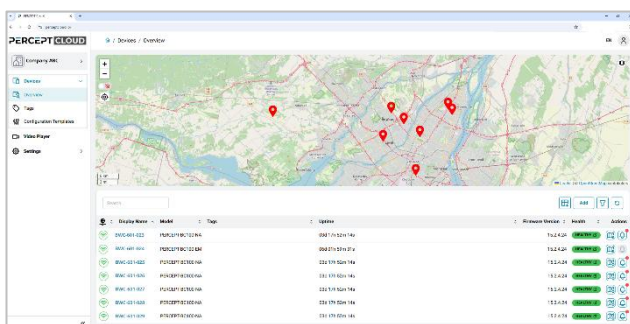**Real-time map and device tracking**
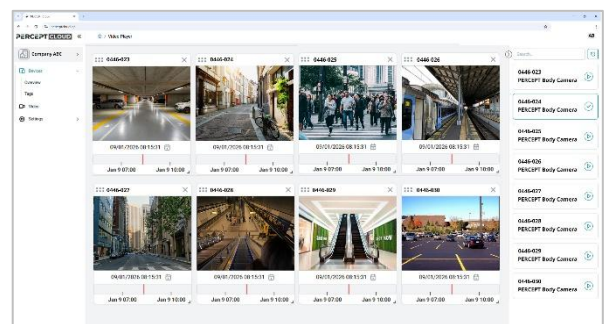
Fleet updates and software management

Maximize Operational Performance. Reduce Complexity.

PERCEPT Cloud transforms fleet and video management into a streamlined, resource-efficient experience. It reduces complexity, saves time, and minimizes operational costs by centralizing workflows and eliminating manual individual processes. Administrators gain real-time visibility, actionable insights, and faster decision-making, all within a secure and scalable platform.

Live map with devices information

Live streaming and video playback

The platform provides a standalone solution for body-camera deployments, offering live video, event playback, location tracking, and comprehensive fleet device management. The PERCEPT Cloud video solution can be used alongside your preferred VMS or serve as a complete, unified system for diverse deployment environments.

PERCEPT CLOUD
Secure Display Stations

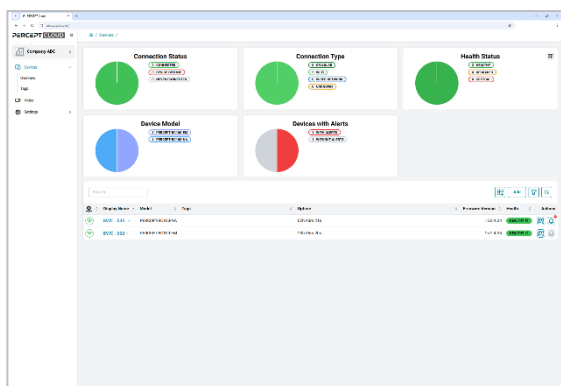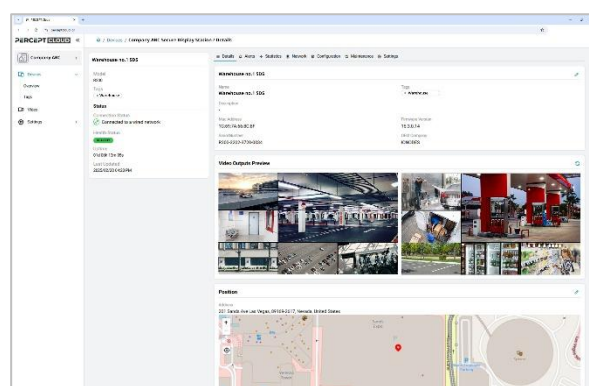|					
Batch configuration with templates	Live display preview and remote HTTP	Advanced device search and tagging	Device health and performance overview	Mapping & geolocation	Fleet updates and software management

Insight, Efficiency and Control

PERCEPT Cloud enhances visibility into your operations and provides remote capabilities designed to ensure your systems perform optimally, saving you time and resources so you can focus on what matters most.

Devices health monitoring

Live video output preview

Centralizing the management of your fleet of Secure Display Stations empowers you with an enhanced user experience, providing the tools and features you need to oversee and operate your devices seamlessly from a single pane of glass.

PERCEPT CLOUD
PERCEPT Gateway Solution

View high quality live video on-demand

Access recorded video events anytime

Connect to your existing cameras

Integrate with your existing enterprise VMS

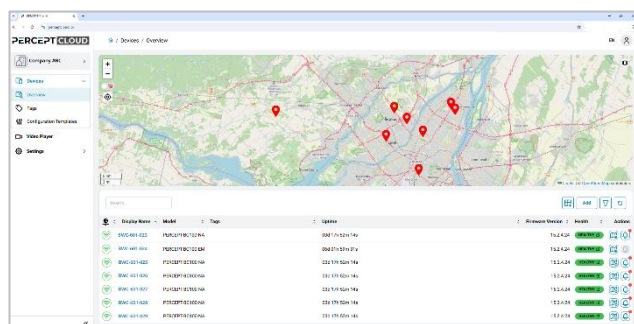**Easily onboard new sites as you expand**
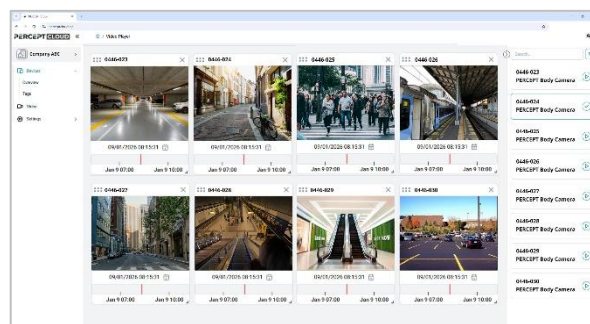
Trusted solution designed for cyber security

Instant Awareness for Faster Response

Securely share live and recorded video from remote sites with a centralized system, such as a Security Operations Center (SOC) or a real-time crime center (RTCC), using PERCEPT Cloud integrated to your preferred centralized video management system. This scalable and cost-effective solution provides you with unified visibility into your security operations without the need to rip and replace your existing systems.

Live map with devices information

Video Player

The PERCEPT Gateway appliance is deployed at each remote site, acting as a secure cloud gateway, that encrypts and connects all compatible ONVIF cameras, including PERCEPT Body Cameras, to PERCEPT Cloud, unifying your remote sites on a single platform of your choice.

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Open Your World to *Interoperability*

Contact us for a demo tailored to your needs.

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IONODES pushes the boundaries of video technology, delivering innovative products that enhance people's lives while ensuring their safety and security. We help government, commercial and enterprise organizations, including Fortune 500 companies around the world, solve operational challenges by providing smart and connected IoT video solutions that can be easily integrated into existing workflows and business processes.

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