Videonetics
Look Deeper

VConnect
Unified Central Video Monitoring Software

VCONNECT: UNIFIED CENTRAL VIDEO MONITORING SOFTWARE

Videonetics VConnect enables remote monitoring of cameras connected to multiple autonomous video management systems (VMS) deployed at geographically dispersed locations from the central control room (CCR).

Highlights

- Secured and encrypted transmission of video feeds
- Built-in smart user access monitoring and control
- High quality video with adaptive bit rate
- Viewing resolution options for effective bandwidth management
- Real-time, synchronised event notification from all connected locations
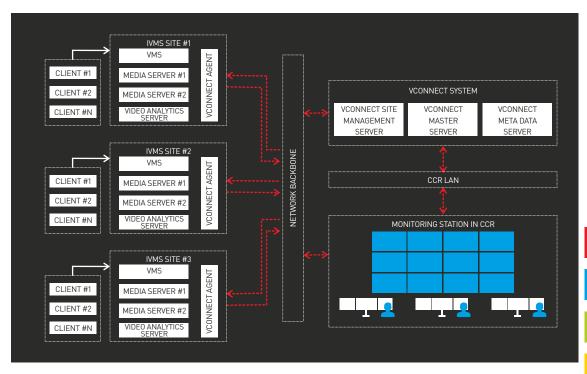- System diagnostics
- Multi-layer maps

Unified System Architecture

VConnect centrally connects to various VMS systems through wired or wireless network backbone. Each autonomous remote site will have VConnect 'Agent' module to connect with central control room for data transfer.

At the CCR end, VConnect has Master Server, Meta Data Server and Client modules that enable communication with remote locations, initiation of video feed requests, aggregation of video feeds, dynamic site management, event information management, and distribution and system administration/ user management.

Features

▪ Central administration
  - ▪ Central site management to manage geographically dispersed remote sites
  - ▪ Role-based user management with access to remote sites to authorised personnel

▪ Live video management
  - ▪ Matrix View at full frame rate
  - ▪ Logical grouping of cameras across various VMS sites in a single window
  - ▪ Supports H.264, MPEG4 or MJPEG video format at full frame rate
  - ▪ Digital zoom
  - ▪ Video wall support
  - ▪ PTZ control to remotely control PTZ cameras from CCR client workstations
  - ▪ Instant Snapshot function for image capture by CCR personnel
  - ▪ Drag and drop of camera
  - ▪ Live view of selected cameras from various VMS systems or particular VMS system

▪ Recording and archive management
  - ▪ Efficient search tool to retrieve/ play recorded video of any camera configured in VConnect
  - ▪ Motion-based search to intelligently search recorded video
  - ▪ Video Cart to download and organise videos of desired duration
  - ▪ Supports video export in AVI, MJPEG, MP4 etc.
  - ▪ Event with video tagging for easy access to recorded video
  - ▪ Digital zoom

▪ Map overlay
  - ▪ User configurable multi-layer site map with location overlay
  - ▪ Display of overall site status on map indication cameras, recording and storage status

▪ Alerts Management
  - ▪ Real time remote event notification
  - ▪ Event storage for future reference
  - ▪ Event filtering
  - ▪ Available upon request of event information for effective bandwidth management. Event information is received in plain text; user can request image/ snaps or video clips

▪ Dashboard
  - ▪ Single window dashboard summarises status of all connected locations
  - ▪ System health monitoring on dashboard
  - ▪ One-click statistical reports for individual sites
  - ▪ Camera connection status

▪ Reports
  - ▪ Camera availability and status report
  - ▪ Hardware performance report
  - ▪ Audit trail and logs
  - ▪ Auto generation of reports and emailing the same automatically at scheduled hours

Making the world
a safer, smarter, happier place.

Videonetics's Unified Video Computing Platform™ helps you make sense of surveillance, by providing you with an end-to-end solution for a wide range of applications. The platform is powered by our Artificial Intelligence and Deep Learning engine, which is trained on humongous data sets, making our solutions incredibly robust and smart. All our products and solutions are integrated yet modular, ONVIF compliant, OS and hardware agnostic, scalable and interoperable.

Videonetics has been ranked #1 Video Management Software provider in India, and among the top 5 in Asia (OMDIA Informa Tech 2021). We remain driven by innovation, and committed to making the world a safer, smarter, happier place.

Providing an end-to-end solution for a wide range of applications

| Intelligent VMS | AI Enabled Video Analytics | Facial Recognition | Intelligent Traffic Management System | VCPaaS™ Video Computing Platform as a Service |

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