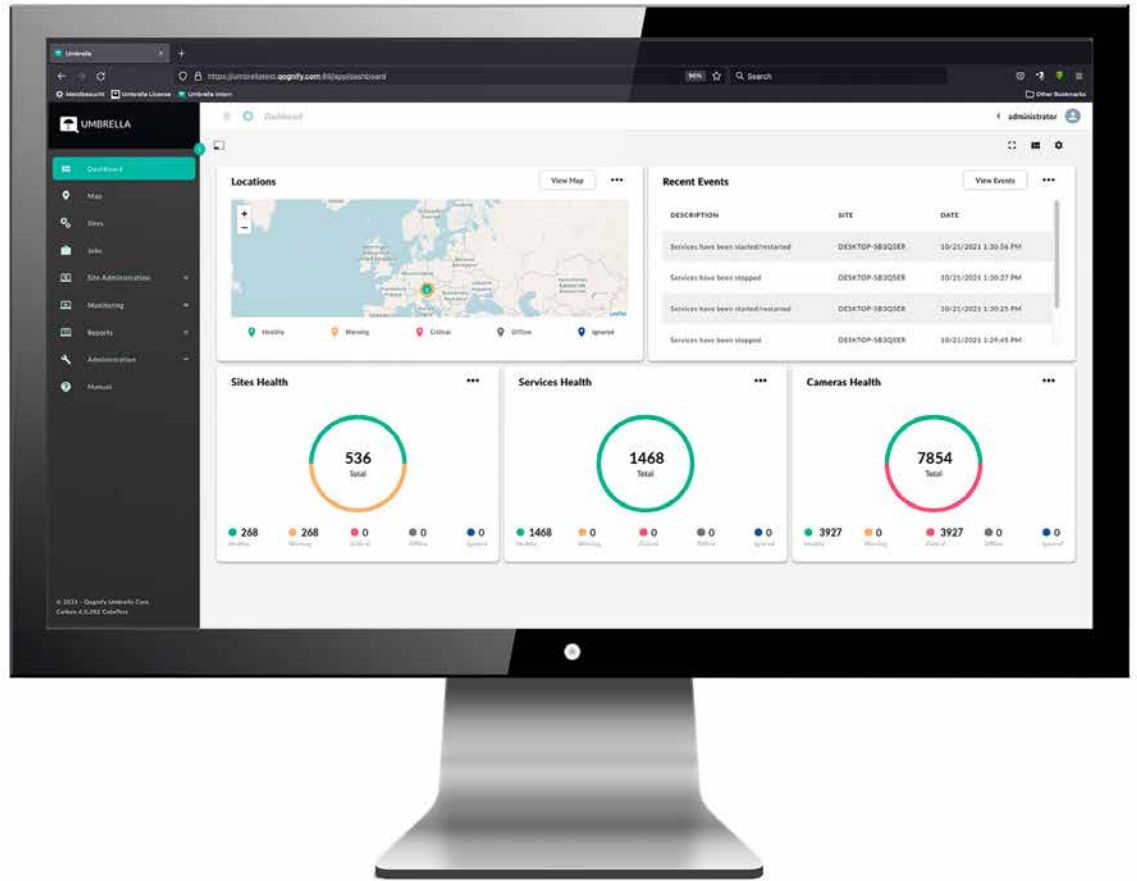


# UMBRELLA CENTRAL VMS MANAGEMENT PLATFORM



## THE SCOPE

In recent years, video surveillance projects have become larger and more complex, demanding more resources and increasing operational costs. Altering the configuration of multiple sites is time-consuming and monitoring the health status of all servers and cameras across every location is a challenge. As a consequence, organizations frequently over-spend on technical expertise and unnecessary licenses, as well as potentially exposing themselves to regulatory risk.

Qognify solves these challenges with Umbrella – a management solution that is fully integrated with Qognify’s video management software Cayuga. The web-based Umbrella can be hosted in the cloud as well as on premise. Once installed, Umbrella provides a consolidated view of all servers and cameras across every connected installation, highlighting those, which require attention.

Furthermore, if any company-wide changes in how the video system operates are necessary to be made (e.g. caused by changes in regulations such as GDPR), they can be configured and rolled-out remotely and immediately. Thus, Umbrella reduces the efforts for administration and maintenance to a minimum and can be easily integrated into existing IT infrastructures. Thanks to its modular approach, customers can select the functionalities they need according to their specific requirements.

Umbrella is a perfectly suited for organizations in the banking, retail, logistics and transportation industry, which operate large-scale branch networks with hundreds of sites and thousands of cameras to be managed and place a premium on their physical security strategy.

# FEATURE OVERVIEW



## CONFIGURATION MODULE

The Umbrella Configuration Module is a function module that enables you to perform recurring administrative tasks for many independent Cayuga systems quickly and easily.

### VMS User Configuration

- Create/delete/copy
- Change password
- Change user rights (globally)
- Change user administrative rights
- Add to/remove from groups
- Activate/deactivate

### VMS Group Configuration

- Create/delete
- Change group rights (globally)
- Change group administrative rights
- Add/remove user
- Activate/deactivate

### VMS Camera Configuration

- Activate/deactivate
- Change parameters (codec, frame rate, resolution)
- Change password of the user in the camera
- Camera firmware update
- Distribution of VMS licenses
- Configuration of time profiles in Cayuga



## MONITORING MODULE

The Umbrella Monitoring Module provides fast and clear information about the status of the connected Cayuga systems. System messages received can be displayed within a configurable status dashboard or forwarded via e-mail.

- List of all cameras with errors
- Detailed error messages
- System status of each site
- Status of Cayuga service instances
- Start/Stop and restart of VMS related services
- Recording status
- Display performance data of all VMS servers
- Recording status chart on dashboard



## REPORTING MODULE

The Umbrella Reporting Module allows for easy and quick documentation of the important parameters of the VMS configuration (including camera reference and current image) as well as documentation of the changes made by the users.

- Inventory report incl. camera image comparison
- Audit report

## BASIC FUNCTIONS

- Active Directory (AD) login
- Assignment of AD groups to Umbrella roles
- Overview of sites on a map
- Site gateway deployment
- Approve sites
- Monitor Umbrella Core instance
- Flexible dashboard layout, including fullscreen mode

# SYSTEM REQUIREMENTS

(UMBRELLA CARBON 6.0)

## SUPPORTED CAYUGA SYSTEMS

- General Support for Cayuga R10 - R17
- Cayuga systems without a sub core: Cayuga R10 or later (horizontally scaled systems)
- Cayuga systems using one or multiple sub cores: Cayuga R12 or later (vertically scaled systems)
- Camera user password change and firmware update for Axis, Bosch and Hanwha Cameras: Cayuga R15 or later,

## SUPPORTED DATABASES

MS SQL 2016-2019,  
MS SQL Express 2016 -2019  
PostgreSQL 13

## SUPPORTED HOSTING SERVICES

- Microsoft Azure
- Amazon AWS

## SUPPORTED OPERATING SYSTEMS

- Tested with Windows Server 2016 - 2019 (incl. IIS)
- Site Gateway and Monitoring Agent requires Windows 10 build 1803 or Windows Server build 1803 or later

## RECOMMENDED HARDWARE

Virtually unlimited number of subsystems. The total number is depending on the frequency of the system update cycles

- Physical CPU cores: 8
- RAM: 64 GB
- 100 GB partition for Operating System (does not include database)



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