



CamIQ<sup>®</sup> net





# **CamIQ<sup>®</sup> net**

CamIQ net is the solution for network-based video surveillance systems that meets your practical needs and has a solid future. CamIQ net combines specialized components and modules to create a uniform and user-friendly complete system.

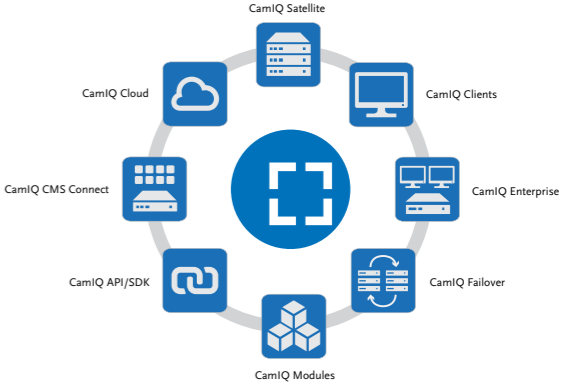
The system combines the benefits of parallel processing and central administration even in scenarios where the installation is across multiple locations (branch operations).

All CamIQ net components and modules are based on the same user-friendly operating philosophy throughout, which makes it easy to start up operations, administer and maintain the entire system.

Because of its open system architecture it is possible to integrate network cameras, encoders and video servers of different manufacturers into the system. So the CamIQ net system can be flexibly expanded at any time to meet the requirements of the user.

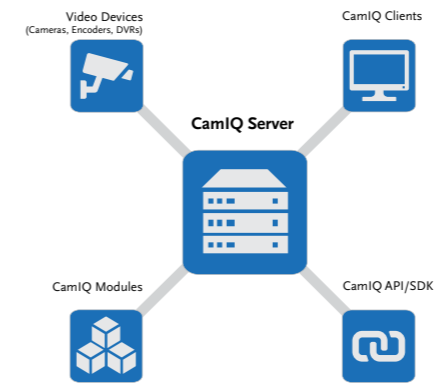
CamIQ net sets new standards both for operating small installations and in creating complex system solutions.

Integration, flexibility, high scalability and a robust open platform: these are features that CamIQ net combines as a network-based video surveillance system to create an intelligent design.





# CamIQ<sup>®</sup> Satellite



CamIQ Satellite reliably analyzes, records and transmits video data. Prevalent types of network cameras and appropriate video servers can be used as image sources.

Due to its robust client-server architecture, its high level of operational reliability and modular construction, the system has the flexibility to be able to adapt to various installation scenarios.

For smaller installations, it comes with the basic version of CamIQ Manager that provides all the functions required for your practical needs. It is also possible to access the system via browser and supported mobile devices.

Its compatibility with standard PC platforms allows an ideal integration with existing IT infrastructures/ computer centers.

For large installations, CamIQ Satellite is used as a parallel working module in the CamIQ net that can be controlled centrally by CamIQ Enterprise.



# CamIQ® Satellite

## EXTENSIONS

### CamIQ AI Analytics

CamIQ AI Analytics analyzes the image data streams of video cameras using neural networks and classifies detected objects based on pre-trained models in real time.

### CamIQ API/SDK

The CamIQ API/SDK interface links video data with external information (e.g., recording production data, logistics, merchandise management).

### CamIQ POS/ATM Interface

The CamIQ POS/ATM Interface module is used to link data of external systems, e.g., cash registers or ATM machines, with the video data. This makes it possible for example to investigate video images based on transaction data of an ATM.

### CamIQ Failover

With the CamIQ Integrated-Failover-Cluster, requirements for high reliability can be realized economically and technically.



# CamIQ<sup>®</sup> AI Analytics

CamIQ AI Analytics analyzes the image data streams of video cameras using neural networks and classifies detected objects based on pre-trained models in real time.

Compared to simple motion detection CamIQ AI Analytics can significantly reduce false alarms caused by environmental factors such as shadows, light reflections, wind and the movement of animals (insects, for example) in many cases.

In an individually definable processing pipeline, detected objects can be used - with the help of various filters and operators - for the detection of a wide variety of situations and scenarios.

Thanks to the reliable detection of objects, user acceptance (when processing alarms in guard control centers, for instance) is increased. At the same time, the use of CamIQ AI Analytics increases productivity and reduces costs.

## APPLICATION EXAMPLES

- » Reliable detection of persons (even in sections of the image) who enter - or drive through - specified areas without permission (area monitoring)
- » Issuance of an alarm when the maximum number of persons in an area is exceeded (in a specified room, checkout area, etc.)
- » Detection of vehicles in pedestrian zones
- » Detection of the number of people in cash point queues





# **CamIQ<sup>®</sup> Enterprise**

CamIQ Enterprise is the central operator station in the CamIQ net for medium-sized to large video surveillance systems. CamIQ Enterprise contains all the necessary functions to give the operator a complete overview of the system at any given time.

Virtual guard tours, appropriately configurable access rights and many other functions for a central operator station for large-scale video surveillance systems are available, of course.

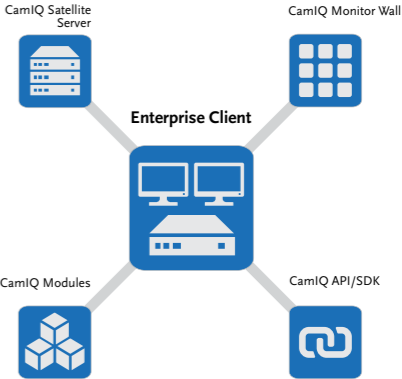
The site plan available in the basic version allows you to directly assign cameras to monitor views and to access actors and sensors of the system.

The functionality can be adapted to existing requirements by means of corresponding available options/modules.

Custom adaptations are also possible. For example, scripts can be created with the integrated script editor which works together with the CamIQ RS-232

(API/SDK) Interface to initiate a conversation via a corresponding compatible intercom system.

The CamIQ API/SDK interface allows to make numerous adaptations. The functions of the operator station can be accessed via the API similar to a remote control. This allows it possible to implement a wide variety of integration possibilities, e.g., into existing facility management systems. An important benefit in practice!





# CamIQ<sup>®</sup> Enterprise

## EXTENSIONS

### **CamIQ Enterprise Monitor Wall / Decoder Interface**

You can use the CamIQ Monitor Wall option to add more monitors to the dual screen operation of the basic version of CamIQ Enterprise. Accessing video walls and connecting image sources to supported hardware decoders is also possible.

### **CamIQ Enterprise RS232 (API/SDK) Interface**

Depending on the data received, the CamIQ RS-232 (API/SDK) Interface can trigger alarms linked to a camera or initiate other actions. The complete functionality is available from the integrated script editor for initiating actions. For example, the CamIQ RS-232 (API/SDK) Interface can be used to react on controllable intercom systems at parking kiosks.

### **CamIQ Enterprise TCP/IP (API/SDK) Interface**

CamIQ Enterprise, for example, can be integrated via the interface into existing facility management systems and remotely controlled from these systems. In this application example, cameras can be assigned to monitor views in case of an alarm, CamIQ 6 Enterprise Scripts can be initiated, or alarm events can be triggered.

### **CamIQ Enterprise Camera Add-on**

With various extension licenses (CamIQ Enterprise Camera Add-on+1, +5, +10, +50) the system can be extended with practically no limitations to the number of cameras via CamIQ Server.



# CamIQ<sup>®</sup> CMS Connect

CamIQ CMS Connect is the perfect CamIQ net portfolio solution for connecting CamIQ systems to surveillance center solutions from renowned third-party manufacturers.

CamIQ CMS Connect stands out in area of surveillance centers for its encrypted connections (also without VPN) and extremely short connection times.

The token-based login procedure attains a new level of data protection for customer installations.

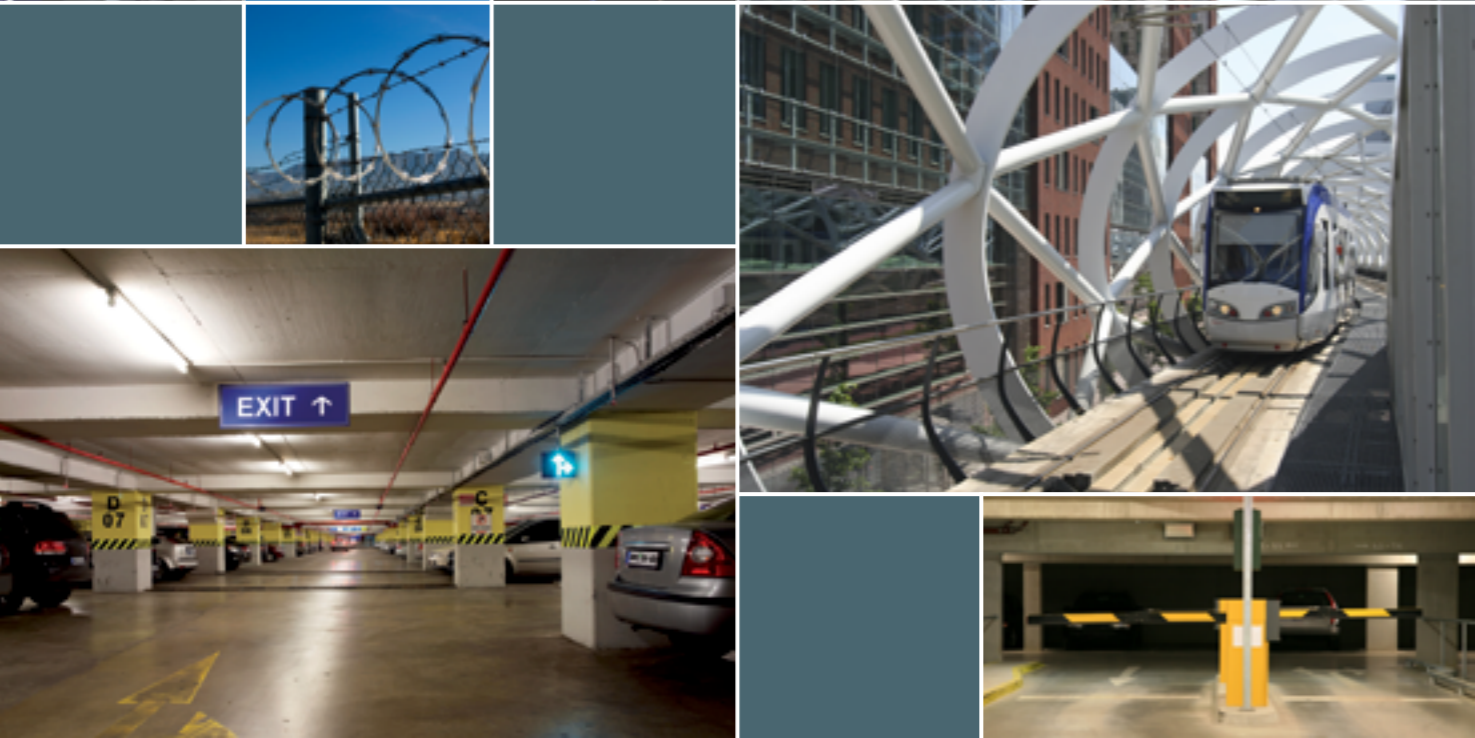
In contrast to classic authentication procedures, the end customer retains full control over external access to the system via the new CamIQ procedure.

Thanks to the very low effort needed on both sides for setup, CamIQ systems can be quickly connected to the surveillance center.

CamIQ systems can communicate directly with compatible receiving stations via the supported protocols. In scenarios where direct access to customer networks from operator stations in the surveillance center is not possible or desired, the CamIQ Receiver Module can be used as an alternative for reception purposes.

The connection from the surveillance center to the customer system is either web browser-based or made using the native CamIQ client.

Providing two different connection paths allows for flexible implementation of the installation, which is adapted to the infrastructure of the respective surveillance center and to special customer requirements.







# CamIQ® Sales

CamIQ products are marketed worldwide via CamIQ sales partner, with a strong focus on the EMEA region (Europe, Middle East, Africa).

The CamIQ sales partner have both the knowledge and the experience to provide you with expert advice on the CamIQ architecture that suits your specific needs, and support you in the implementation phase.

This is backed up by our dedicated technical support.

We look forward to you contacting us for general questions and further information about CamIQ products. We will gladly refer you to a sales partner in your neighborhood with whom you can schedule a personal product demonstration.

Until then, thank you very much for your interest!

**rosemann software GmbH**

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