Surveon Control Center - SCC 2.5 Overview
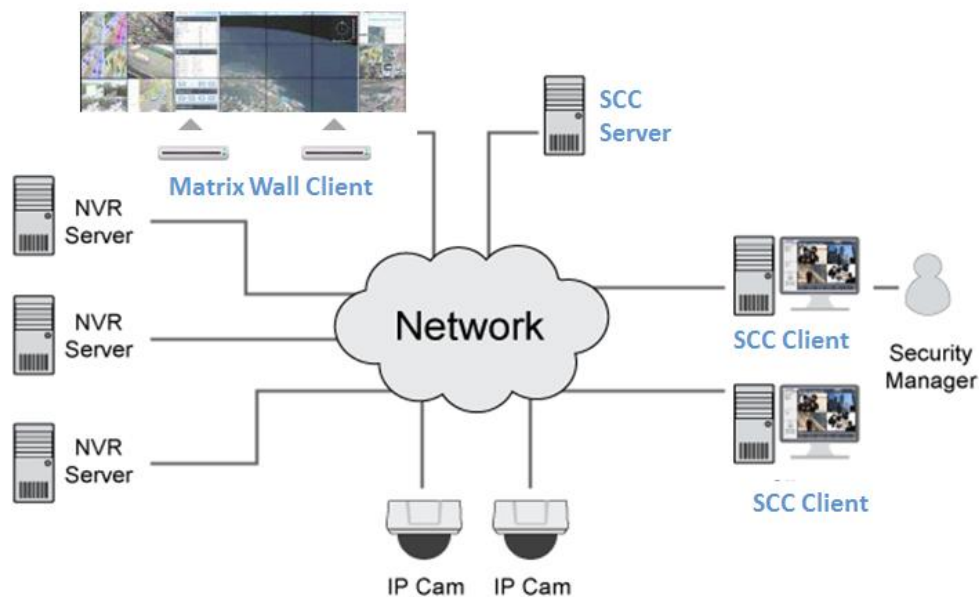
Technical Support Team

Preface

For a large scale project, there is always a central room to manage the central monitoring which covers hundreds channels' live view videos, I/O device control, alarm management, Intelligent video analytics such as license plate recognition, intrusion detection and so on.   Surveon Control Center 2.5 is based on the enterprise VMS frame work, providing scalable high end solutions for projects over 500+ CH megapixel surveillances.

SCC Architecture

The SCC follows client/server distributed architecture; that is why it is easy to scale. It monitors / records unlimited numbers of channels and displays HD video on TV matrix.   There are three main modules in the SCC package.

● SCC Server: Handles central account, I/O and alarm management.
● SCC Client: Handles Liveview display, playback, matrix wall configurations and setups.   It can be operated in a local site or a remote site.
● TV Matrix Client: Handles TV Matrix Display.   It is dynamically expandable to support more TV matrix.

SCC is based on Surveon Enterprise VMS; the comparison between the standard VMS and the advanced SCC solutions are listed below.

Module Name	Main Functions	Single NVR	Multiple NVR	Multiple NVR + SCC
Recording Server	Recording / VI / DB	V	V	V
Domain Server	Management	V	V (Master)	
Local Client	Local UI	V	V	V
Remote Client	Remote UI	V	V	
SCC Server	Centre Management			V
TV Wall Client	TV Wall Decoding			V
SCC Client	Remote UI			V

SCC Key Features

● Matrix Wall Display

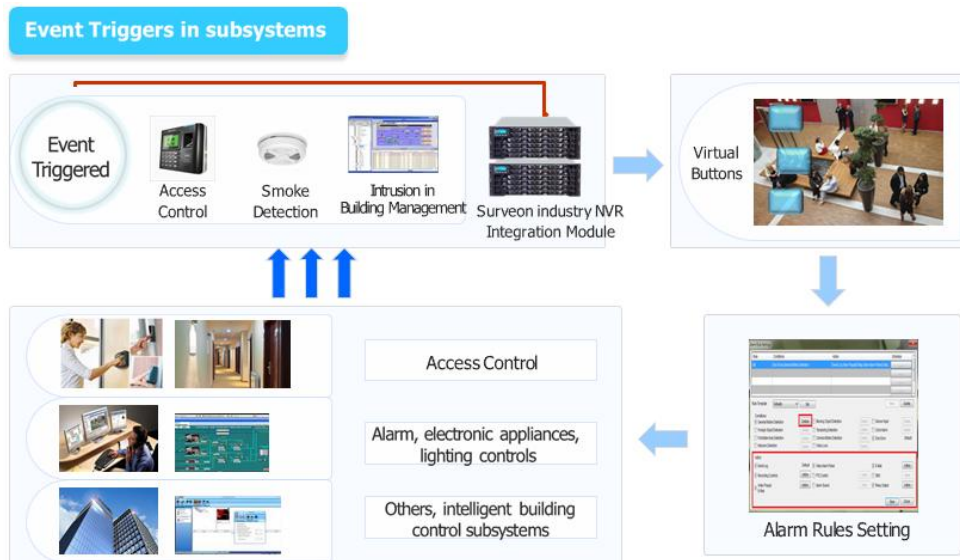The Matrix Wall can display live view on different monitors or multi-monitors as one joint monitor.

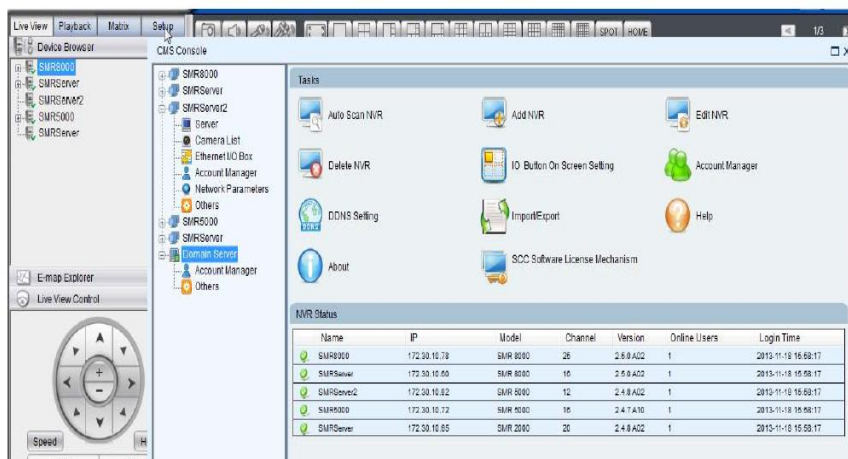
● Centralized Alarm Monitoring

The SCC server manages logs from different NVRs. This feature empowers security guards to react fast since events from different NVRs such as hardware, I/O, VI and critical system are all included in the real-time logs. No need to login every NVR individually to ask for more information.

● Centralized I/O Management

The SCC provides virtual buttons on the live view images for easy controls over digital input/output, managing external devices such as access controls, electronic appliances, lighting controls and other intelligent building control sub systems.

Event Triggers in subsystems

- **Unlimited servers and clients**

  The SCC supports server and client expansion.   When a project grows, the numbers of NVR, and matrix clients can be easily added to support more cameras for the multi-monitor walls.

- **Intuitive UI**

  Integrated with our existing enterprise VMS user interface, it is easy to operate, by dragging and dropping to control the TV-Matrix or simply follow the standard view management.   To ease the learning curve, the SCC UI is the same as the VMS client, only with an additional "Matrix Panel".

- **Built with Enterprise VMS features**

  For the convenience of users, the SCC also includes enterprise VMS features such as RAID storage configuration, EMap, video intelligence, supported fisheye and web/mobile client accessibility.

Conclusion

For more information, please visit Surveon web site

http://www.surveon.com/product/VMS.asp