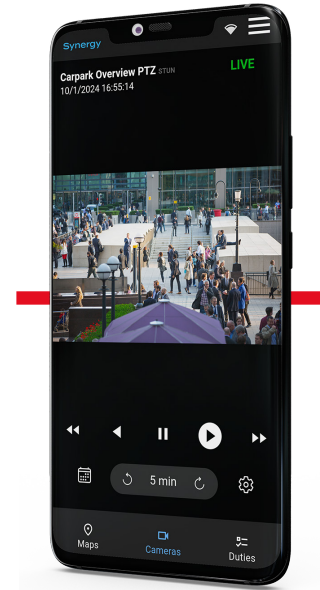


# SYNECTICS

## Synergy

### Synergy mobile app

Enhance teamwork between your control room and remote workers with the Synergy mobile app. Remote users can view live and recorded video, carry out assigned duties, ensure standard operating procedures are met, and share their location with control room operators in real-time.



## Manage staff from the control room

### Optimised for Video

Access live and recorded video on the go with ease, allowing users to instantly view footage they're authorised to see.

### Integrated Map

Quickly access nearby cameras and see the location of co-workers for real-time collaboration and support. Easily preview video from the map by clicking on the camera icon, giving users at a glance information.

### Collaboration

Collaborating with the remote users on incidents, the control room can allocate the nearest resource to the scene and give them access to nearby cameras to help with their safety.

### User Experience

Easy and intuitive to use, with clear feedback on location sharing and server connection strength for a seamless experience.

### Duty Management

Users can effortlessly access their tasks and follow on-screen guidance to complete them, ensuring a fully auditable trail of all actions in compliance with standard operating procedures.

### Secure Access

User-based permissions are managed via Synergy to ensure secure access to the appropriate features, offering full control and an audit trail.

### Configurable

Make the app what you need, turning features like location sharing on/off at app level. Depending on the strength of the user's mobile connection they can configure the quality of the video playback, to aid for a better user experience.

### Mobile Device Management Support

Utilising mobile device management, the application can be provisioned into 'trusted' apps, and functionality can be preset to simplify the end-user experience.

## Key Features

- View live and recorded video
- View and manage your assigned duties
- Create custom usage policies
- Search by camera or camera group
- Signal strength icons
- Easy location searching on maps
- Cameras selectable via maps
- Access video anytime, anywhere
- Built in user-guide
- Easily access emergency contact
- Configurable video playback quality
- Video preview from map

# Technical Specifications

## MOBILE DEVICE SPECIFICATIONS

Connectivity* <sup>1</sup>	WiFi, 4G/5G mobile data networks
Minimum Android Version* <sup>2</sup>	v14
Minimum Synergy Version	v24.1.100

The Synergy mobile app requires a Synergy web server (Synergy Server Max) to operate.\*<sup>3</sup>

## HARDWARE SPECIFICATIONS

### GENERAL

### SYNERGY SERVER MAX<sup>3</sup>

Dimensions (W x H x D)	1U rack-mountable server 440 mm x 43 mm x 773 mm (17.3" x 1.7" x 30.4")
Weight	Maximum 20.2 kg
Operating Temperature	ASHRAE A2 (10-35°C if altitude is 900m or below)
Operating Humidity	ASHRAE A2: 8% to 80%; maximum dew point: 21°C (70°F)
Certifications and Approvals	CE, FCC, UKCA, NOM, KC, cTUVus, EAC, GS
Security	Lockable front bezel included
Operating System	Windows Server IoT 2022
CPU	AMD Epyc 16 Core CPU
RAM	64GB ECC (error-correcting code) RAM
Host OS Storage	2x 480GB M.2 SSDs with RAID 1 resilience
VM and Data Storage	Up to 3.6TB of RAID 1 storage (2x 4TB enterprise HDDs)

### POWER

### SYNERGY SERVER MAX<sup>3</sup>

Hot Swap PSUs	2x redundant 1100W PSU modules
PSU Efficiency	80 Plus Platinum
Typical Power Consumption (Based on Maximum Configuration)	180w (614 BTUs per hour)

### CONNECTIVITY

### SYNERGY SERVER MAX<sup>3</sup>

Networking (Standard)	2x 10Gbps RJ45 (10G-BASE-T) via included network adapter
Networking (Optional Alternatives)	2x 10Gbps SFP+ 4x 10Gbps RJ45 4x 1Gbps RJ45
Out-Of-Band (OOB) Networking (Dedicated Management and Health Toolset)	1x RJ45
USB	Front: 1x USB 3.1 G1 Type-A, 1x USB 2.0 Type-A Rear: 3x USB 3.1 G1 Type-A
Video	Rear: VGA
Other	Front: Diagnostics Port

### PRODUCT FUNCTIONALITY

### SYNERGY SERVER MAX<sup>3</sup>

System Health Monitoring	Configured as standard with Synergy alerts
Out-Of-Band Management with IP-KVM	Yes
SNMP Alarm Support	Yes
Performance Optimised 4K Sector Size for HDDs	Yes
Tool-less HDD Replacement	Yes
Tool-less Hardware Servicing	Yes

\*1 Video streaming performance may be affected on networks with low speeds or bandwidth. If a peer-to-peer connection cannot be established, the video can optionally be routed through a secure usage-controlled TURN-server service.\*2 Mobile devices are not provided by Synectics. \*3 Synergy Server Max can be used as a dedicated server or compartmentalised depending on the size of your estate and your requirements. For further information about the Synergy Server Max visit the Synectics website.

**PART CODES<sup>3</sup>**

SY-SERVERMAX-V1-3.6TB-R1	Synergy Server Max V1 1U – 3.6TB RAID 1
SY-SSW-SYNERGY-WEB	Synergy software for web client and mobile app, annual subscription (includes 5 user licenses)
SY-SSW-SYNERGY-WEB-USER	Synergy web user license (Annual Subscription)

**SPARE PART CODES<sup>3</sup>**

SY-CRU-PSU-L1	1100W PSU Module for Synergy Server Max V1 and PSN/Locker Max V1
SY-CRU-M2SSD-L1	480GB M.2 OS SSD for Synergy Server Max V1 and PSN/Locker Max V1
SY-CRU-RAID1U-L1	RAID Controller for Synergy Server Max V1
SY-CRU-RACK-L1	Rack Mount Kit for Synergy Server Max V1 and PSN/Locker Max V1
SY-CRU-FAN-L1	Internal Fan for Synergy Server Max V1
SY-HDD-SAS-4KN-4TB-L	4TB Enterprise SAS HDD for Max Hardware (4K Sector Size)
SY-HDD-SAS-4KN-8TB-L	8TB Enterprise SAS HDD for Max Hardware (4K Sector Size)
SY-HDD-SAS-4KN-12TB-L	12TB Enterprise SAS HDD for Max Hardware (4K Sector Size)
SY-HDD-SAS-4KN-16TB-L	16TB Enterprise SAS HDD for Max Hardware (4K Sector Size)
SY-HDD-SAS-4KN-20TB-L	20TB Enterprise SAS HDD for Max Hardware (4K Sector Size)