Casino Security and Surveillance Solutions

Synergy Software and IP Cameras

Protecting what matters, where it matters most

SYNECTICS

Trusted by Casino Properties Worldwide

Synectics is a leader in advanced security and surveillance systems, providing tailored solutions for highly regulated, complex, large-scale casino properties.

150,000

channels being monitored and recorded in some of the most regulated casinos

5 Star

Las Vegas gaming resort with 5,000 channels across 215 acres use Synectics

20,000

channels recorded at a single gaming property using Synergy

Proven, Scalable, Highly Reliable

Our surveillance solutions for casinos are specifically designed to detect threats, ensure uninterrupted operations and comply with strict regulations.

From detecting cheating to combating theft and collusion, our state-of-the-art solutions excel. We prioritise meeting rigorous regulatory requirements while ensuring an exceptional user experience.

Our solutions are tailored to fit seamlessly into your operations. You can customise the interface, reports, processes and access rights to work precisely the way you do. Its open architecture means you can integrate third-party gaming and security systems, enabling swift action on alarms and transactions.

You can detect threats and suspicious play patterns, while VIP guests receive prompt recognition for an unparalleled experience, all through a single, user-friendly interface.

Why Choose Synectics?

Customer-led innovation

We work in partnership with our customers to understand their perspective, track trends, support their needs, and deliver solutions.

Deep industry expertise

Our deep industry experience, built through 35 years of implementation and delivering successful projects around the world.

Long-term partnerships

We work closely with our customers and partner with them on a journey to achieve their goals.

Specialists in complex and regulated environments

We understand challenging, complex environments, delivering projects that need specialist knowledge and tailored solutions.

Synergy Software

Surveillance at the Heart of Control Rooms

Elevate your casino surveillance with Synergy, an innovative open architecture platform designed to mitigate risks, enhance operational efficiency, and instill peace of mind for surveillance managers and operators.

Synergy includes real-time data analytics for instant insights and informed decision-making, an intuitive user experience for seamless navigation, groundbreaking collaboration tools to enhance teamwork and communication, and effortless integration with third-party security and gaming systems for a unified solution.

Features

- Manage 1000s of Cameras
- POS, Baccarat, Slots, Shoe, Roulette
- Dashboards
- CAD Mapping
- Workflows
- Management Reporting
- Edge Recording
- System Healthcheck
- Cybersecure
- Intelligent Failover

Why Casinos Use Synergy

Synergy is designed with highly regulated, complex, large-scale gaming facilities in mind, it's the most flexible, scalable and reliable integrated surveillance solution available.

Scalable

Synergy is engineered to grow with you and last a lifetime. Start with our core solution and easily scale up to meet future requirements. New cameras, storage, locations, functions, regulations, integrations? No problem! Buy what you need and add as you go.

Flexible

One size doesn't fit all, so why be shoehorned into someone else's off-the-shelf software? Synergy is fully configurable to work the way you do. Easily tailor the interface, reports, workflows and user permissions to align with your unique requirements, staff roles and priorities.

Compatible

Synergy works with existing cameras and infrastructure to maximise your prior investment. It also integrates with mainstream IT technology, ONVIF-conformant cameras, access control and gaming systems. So, you're free to use the technology products you like best.

Efficient

Synergy streamlines routine functions like dubbing and reviews, quickly filters data to highlight suspicious activity, enables collaboration, guides best practices, and tracks everything for analysis. So, when under pressure, operators make the right calls fast.

Reliable

With resilient, multi-layered hardware and software safeguards, Synergy helps you achieve 99.99% uptime performance. With timely alerts and automated failover, your video is always available when needed most.

Casinos and Resorts the World Over Rely on Synergy

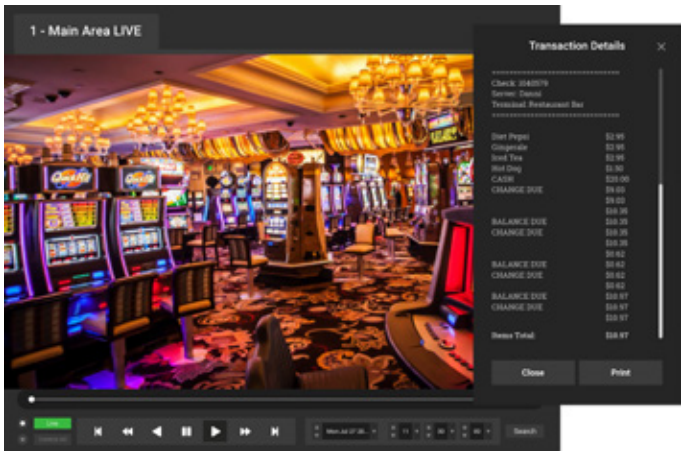
Make Sure No Threats Go Undetected

Open Architecture

Integrate data from third-party security and gaming systems including point of sale, access control, slots, Baccarat, Roulette, video content analysis, facial and license plate recognition.

AI and Analytics Alerts

Receive instant notifications for unusual or suspicious activity. Synergy intelligently 'surfaces up' video that warrants attention.



Manage Incidents Effectively

Workflows

Workflows are an automated and customisable tool that ensures you take the correct steps when responding to any event – from critical situations to daily routine tasks.

Investigation View

Swiftly analyse video content across your cameras to help investigate incidents and enhance your overall security measures.

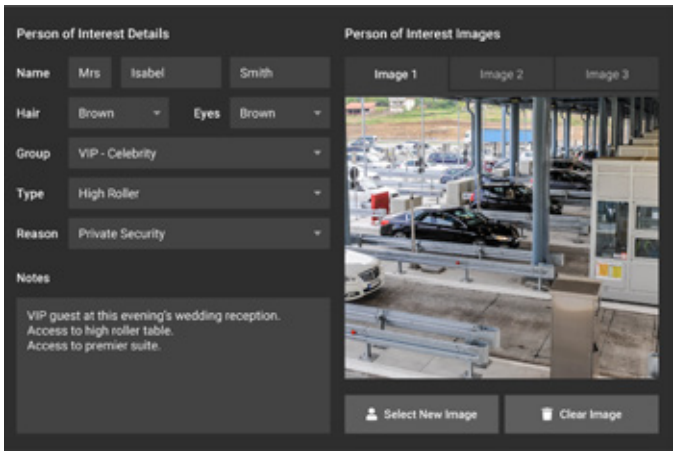
Improve the Guest Experience

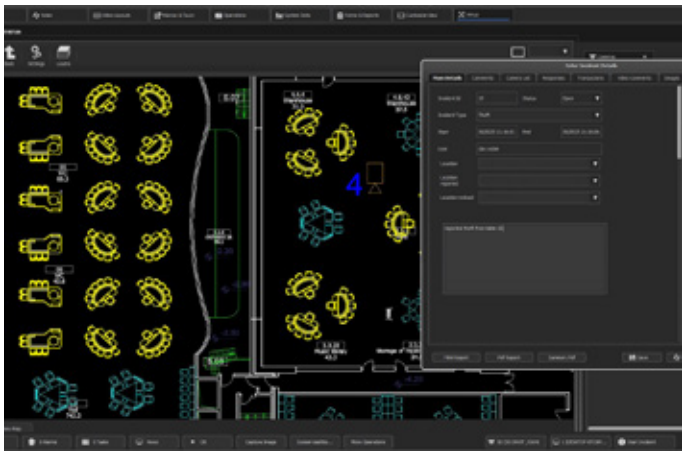
License Plate Recognition

Identify VIP guests by their license plates and provide personalised services, such as designated parking areas, expedited entry, and tailored promotions.

Facial Detection and Recognition

Facial recognition integration enables efficient check-ins, personalised services, enhanced security for guests, while providing valuable insights for continuous improvement.





Enhance Operational Efficiency

CAD Mapping

Navigate your property and asset layouts seamlessly. Bulk upload and autoplotting enable easy layout changes as your property grows.

Dashboards

Customised dashboards display key statistics, values, and activity updates providing real-time insights to help you make faster, data-driven decisions.

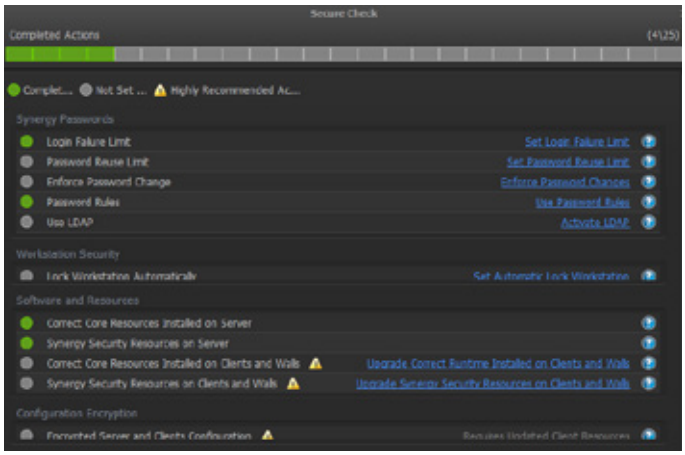
Have Complete Peace of Mind

Secure Check

Secure Check displays recommendations to improve the cybersecurity of the system, helping you check and configure the latest security state of Synergy.

Intelligent Failover

Synergy's failover capabilities include IP camera backfilling, Intelligent Edge Recording, hot swap, RAID6 redundancy, dual recording, dual NIC's and dual PSU's.



"Synergy has been my 'go-to' for many years in the major casinos I've worked at across the region. Not just for ease of use, but for absolute peace of mind – especially regarding clarity, continuous coverage, and regulatory compliance."

Surveillance Director, Flagship Casino Resort, Asia

IP Cameras

With advanced features and cutting-edge technology, our cameras are designed to provide casinos with the highest level of image quality, performance and security.

Multi-Stream Capability

Stream H.264 and H.265 simultaneously with smart low-bitrate technology. This significantly reduces bandwidth and storage consumption system-wide while retaining a great image quality both in H.264 and H.265 codec.

Intelligent Edge Recording

Extend the life of SD cards by using the in-built camera memory to store video footage. The camera's SD card will only be used to store footage if the connection to networked storage is lost.

High Dynamic Range

Implemented with either line-by-line or frame-based 2-shutter HDR technology, cameras perform better image combination, lifting up the HDR function to a higher level. With such a function, the overexposed area can be seen clearly.

Video Analytics

Edge-based video analytics unlocks features such as people/vehicle counting, object-based recognition and tracking. When configured in Synergy, video analytics automatically alert operators and guide them through the appropriate steps so that best practices are followed.

Cybersecure

Immediately see which cameras are encrypted, with the ability to update protocols as appropriate. Other cybersecurity features include, User Authentication, HTTPS, IP Filter and IEEE 802.1X.

Choice of Cameras

Choose from a range of cameras to best suit your needs, from discreet IP cameras to high-definition 4K models for unparalleled clarity.

Better With Synergy

Not only are Synectics IP Cameras ONVIF Profile G, M, S and T conformant, making them quick to configure with Synergy, but the remote auto-focus and zoom also enable you to fine-tune the camera setup without leaving the control room.

Coverage

Can be set up so that the field of view deemed most critical to operations is prioritised.

Salvos

Automatically switch through a sequence of cameras to effortlessly assess picture quality and operational status. These are fully customisable, so you can configure them to cover areas of specific importance.

Hotswap

You can automatically (or manually) switch the camera recording to a backup PSN in the event of an incident or maintenance activity.

Camera Health

A simple colour-coding structure provides an at-a-glance visual confirmation of the status of your cameras. This enables you to provide clear instructions to your engineers about their health, including data loss, offline, missing recorded video and loss of access to recorded video.

Simple Configuration and Management

- Auto-plot cameras on CAD maps
- Focus and iris control on varifocal cameras
- Auto-recognise main camera features
- Set up, save, and bulk upload specific camera settings
- Set up, save, and bulk upload config files and firmware
- Generate RMA records and diagnostic information
- Bulk import and update camera retention periods
- Configure macros for auxiliary commands at the camera level, not just camera type, providing flexibility when configuring an automated task or series of tasks
- Apply saved settings to network-attached storage when hot-swapped to avoid manual reconfiguration

Case Study

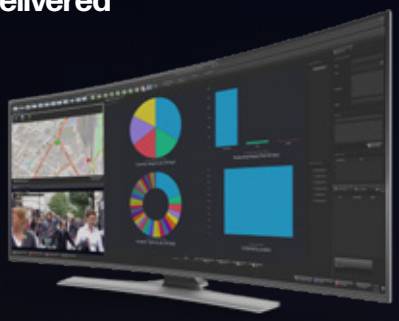
Synectics Chosen for Peace of Mind at High-End Casino Resort in Asia

Synectics has been chosen to provide an integrated solution for an up-scale urban casino resort in Asia. The casino resort and hotel in one of the most populous cities in Asia offers a high-end mix of slots, table games, high-stakes poker, bars, and restaurants.

A spokesperson for the resort said, “Once again, Synectics is the obvious choice for meeting our complex mix of surveillance needs.”

Synergy and IP Camera Technology Delivered

- PTZ, Dome and Fisheye Cameras
- CAD Mapping
- Advanced Incident Management
- Custom Forms & Reports
- Workflows
- Dashboards



Delivering Real-Time Visibility

From the casino's central control room, Synergy will give the surveillance team continuous access to live and recorded footage from over 3000 PTZ, Dome and Fisheye cameras from Synectics' IP camera range.

Built-in mapping capabilities, including CAD maps of gaming zones and hospitality areas, allow operators to easily visualise camera locations alongside layout details, including gaming table configurations.

Simplified System Management

As well as aiding rapid incident response and faster security investigations, Synergy mapping plus Synectics cameras' combination supports simplified surveillance system management and bulk camera configurations – an important capability for casinos with such large camera counts and frequently changing layouts.

The solution also harnesses H.265 compression to provide high-quality recording and image clarity with reduced storage requirements.

Compliance and 24/7 Coverage

The Synergy solution developed is fully compliant with the country's gaming surveillance regulatory requirements, which include the need for operator usage transparency and comprehensive audit trails.

Its 24/7 coverage is delivered via redundancy measures, including hot-swap technology for failover recording and dual head-end server replication.

Protecting what matters, where it matters most

Synectics is a leader in advanced security and surveillance systems that help protect people, property, communities, and assets around the world.

Our expertise is in providing solutions for specific markets where security and surveillance are critical to operations. These include casinos, oil and gas, public space, transport, and critical infrastructure.

We have deep industry experience in these markets and works closely with customers to deliver solutions that are tailored to meet their needs.

Specifications subject to change. E & OE.

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