



Grand Casino Bern (Switzerland)

SEAMLESS, FAIL-SAFE VIDEO SECURITY FOR THE ENTIRE CASINO

THE CLIENT

A special feature of the Grand Casino Bern is its location in the historic “Kursaal” building, a landmark of the city of Bern.

Built in the 19th century in neoclassical style, the building gives the casino a unique and stylish atmosphere.

Casino Bern offers a wide range of games, suitable for all tastes and budgets including slot machines, table games and live dealer games, such as blackjack, roulette and poker.

In summary, the combination of the historic building, diverse range of games and culinary options creates a unique experience for all guests of Grand Casino Bern.

THE CUSTOMERS' REQUIREMENTS

Casinos usually have very high requirements for a **Video Management System (VMS)**, as it is necessary to manage a large number of cameras that monitor the gaming areas and other areas of the casino around the clock.

- **Reliability:**

The casino needs a VMS that runs reliably and stably and can respond quickly to any problem in an emergency.

- **Scalability:**

The VMS must be able to scale with the number of cameras in the casino. This means that the system must be able to manage a large number of cameras simultaneously without compromising performance.

- **Real-time monitoring:**

The VMS must provide real-time monitoring of all cameras to immediately detect any unusual activity or suspicious activity in the casino.



Fail-safe database for the complete storage of very large data volumes



Integration of 266 existing IP cameras in real-time processing

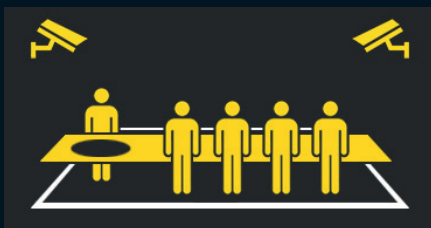


Integration of existing third party systems in one overall system



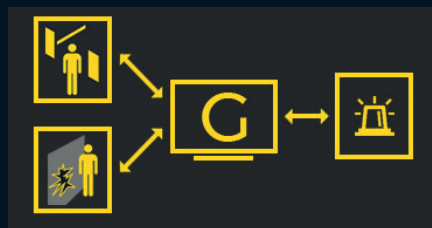
Access control

Suspicious persons are recognized and identified.



Gambling table monitoring

No anomaly remains undetected, everything is stored for investigations.



Integration

All existing security systems are linked.

■ Recording quality:

An important requirement of the VMS is the creation of high-quality video recordings that allow accurate identification of people and objects.

■ Data management:

The VMS must be able to manage and store large amounts of video without losing or corrupting data.

■ Security:

Because casinos require a high level of security, the VMS must have appropriate security measures in place to prevent unauthorized access to the video recordings.

■ Integration:

The VMS must be able to integrate with other systems in the casino, such as alarm systems or access control systems, to provide seamless monitoring and security in the casino.

■ Fail-safety:

In addition to VMS stability, resilience plays a major role. In addition to the usual hard disk redundancy, the casino requires failover at the highest level. Likewise, the VMS servers and the overarching information management servers must be absolutely reliably protected against failure.

THE GEUTEBRÜCK SOLUTION

With the **G-Core** Video Management System and the high-level **G-SIM** Security Information Management System, Geutebrück has been able to fulfill all the necessary requirements.

With G-Core, a stable VMS was installed, which perfectly meets the required level of availability using the fail-over architecture offered in combination with G-SIM.

In addition, Geutebrück's GAP detection checks and logs all streams for recording gaps at frame level.

The benefits for the customer:

- Complete transparency of the entire casino and utility rooms.
- Smooth and reliable video playback for searches throughout the complete video footage.
- Parallel search and playback on many camera channels.
- Simple, user-oriented operation of the overall system.
- Integration into the SIAXMA® monitoring system.

The casino is also bound by the legal requirements of the Swiss Federal Gaming Commission (Eidgenössische Spielbankenkommission ESBK). The ESBK checks the correct functioning of the system at regular intervals.

SERVICES AND SUPPORT

Together with the Swiss Geutebrück Premium Partner Siaxma AG, Geutebrück has developed and delivered an absolutely reliable video solution that meets the requirements of the casino and the ESBK. Together with Siaxma, Geutebrück took on the project planning, design and commissioning support as well as service and maintenance.

Geutebrück offers complete solutions from a single source.

SOFTWARE	HARDWARE	SERVICES SUPPORT
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