

Shoot 'em up – with surveillance

Complete security solutions for bank branches



Everyone has a favourite heist film – whether it's a traditional 'shoot 'em up' like 'Bonnie and Clyde', or something a bit more hi-tech, like 'Oceans 11' they're compelling viewing. However, more often than not, the audience sympathies are with the thieves. Of course, in reality, bank robberies cause a lot of damage, stress and injury, let alone the financial losses. Hikvision has all kinds of state-of-the-art technology to provide a full security solution for the banking industry – from the lobby to the vault deep within the bank's walls.

It's not just in security where banks are exploring the use of technology to gain an edge. According to a report by Celent, a research, advisory, and consulting firm focused on financial services technology, IT spending in banking globally will increase by 4.2% annually, and amount to \$272.6 billion in 2019. ¹ There are a number of priorities for banks. The most obvious ones are securing customers, employees and assets, but there are also considerations like collecting reliable video clips for investigation, intelligence to help them make business decisions and streamlining processes to manage all of their branches effectively. In the end, like all business, they are also looking to increase customer satisfaction. The development of surveillance technology gives banks significant flexibility and new opportunities to build an interesting future, and this has scope across the entire bank.

Entering the Bank the front door and the lobby

Banks need to be aware of who is coming in and out – the starting point of monitoring. Clarity is important here, especially since the environment could lead to strong back lighting (on a bright

¹ <https://www.celent.com/insights/929209647>

day when the light behind the person coming in is a lot stronger than the ambient light inside). This is where WDR-enabled cameras come in, with the technology rendering a crystal-clear image, even in this environment. Super WDR can reach up to 140db, making faces clearly visible.

It's also useful for banks to know footfall numbers of people coming in – to help with business decisions. A People Counting camera at the entrance takes care of that, with smart technology able to distinguish individuals, so they're only counted once, ensuring an accurate count.

With a busy bank having large numbers of people through the doors every day, it could be useful to be able to identify them. Technology can, of course, be used for security – to trigger attention and action needed if 'unwanted' people are detected for example. But it can also be used to help with customer service. When clients opt to participate in VIP customer service programs technology can give banks accurate tools to identify VIPs so staff can provide the right kind of service at the right time.

At the counter

The main day-to-day activities of the bank happen at the counters. Counter transactions need to be recorded clearly to solve the disputes. HD cameras can give 4K resolution to provide good images where a bilateral close-up view is needed.

When recordings are clear, both counter staff and customers are protected, should any disputes need to be resolved.

Of course, cameras give close detailed images available for general security too.

Security deep in the vault

In the depths of the inner bank lies the vault – usually the first priority for security in any bank. Because vaults are often in low light areas, ultra-low light cameras like Hikvision DarkFighter are really useful to be able to monitor and record crystal-clear images even in the dead of night.

When the security around the vault needs to be strengthened, there are other options too, which can be supported by a Hikvision DeepinView camera. If the camera is connected to an access control system, it could literally be that only people whose face is stored on the 'white list' could enter.

Often, access corridors and areas close to the vault will be covered by cameras too – giving a full overview if a person's movements need to be tracked through the building. Video analytics rules can also be set up to alert operators if a person ventures beyond a certain point – useful to prevent non-authorized persons from entering more sensitive areas.

It all comes together in the Security Centre

The place that few people see is the hub of all of the security activity. Feeds from all of the cameras can be managed and stored in the Security Centre using a video management software solution, like Hikvision HikCentral, simplifying security processes. Users can also access the security system via laptop or mobile which increases flexibility and efficiency of the security operations.

Technology is evolving with banking

With banks evolving and offering more and more services to their customers, the security challenges are also changing. The need to be constantly aware of who is in their building and monitor all activities – from the main lobby and banking counters to the vault itself. And bringing all of this information together becomes more important too – not just so that operations staff can access it when needed, but also because it provides valuable support for business decisions. That's when surveillance starts to add a lot more value – helping them to serve their customers and improve the experience they have when using the bank.

Of course, the likelihood of most of the famous heists in film history actually being pulled off becomes very slim in the face of smart new technologies to monitor and secure our banks. Some of us will probably have to stick to rooting for the villains in our favourite heists movies....

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About Hikvision

Hikvision is a world leading provider of security products and solutions. Featuring an extensive and highly skilled R&D workforce, Hikvision manufactures a full suite of comprehensive products and solutions for a broad range of vertical markets. In addition to the security industry, Hikvision extends its reach to smart home tech, industrial automation, and automotive electronics industries to achieve its long-term vision. Hikvision products also provide powerful business intelligence for end users, which can enable more efficient operations and greater commercial success. Committed to the utmost quality and safety of its products, Hikvision encourages partners to take advantage of the many cybersecurity resources Hikvision offers, including the Hikvision Cybersecurity Centre. For more information, please visit us at www.hikvision.com.