Brickcom

«AxxonSoft has been one of our closest partners since the very beginning of Brickcom. We are very grateful for our partnership with AxxonSoft and we will continue to build upon this relationship on a global scale.

Combined AxxonSoft + Brickcom solutions have won over many satisfied customers.

Users of the AxxonSoft and Brickcom combination benefit from the diverse functions and performance of Brickcom cameras and rich feature set of AxxonSoft software».

OSCAR HSIEH
Sales Director
BRICKCOM

BRICKCOM

AXXONSOFT

«For years now we have valued the efforts and dedication of Brickcom in creating IP devices that set the bar for video analytics overall. Recently we completed integration support for Brickcom's 360P lineup of IP cameras, which have panomorph lenses. Panomorph lenses offer significantly improved image quality, particularly for objects at the edge of the camera's field of view, compared to the quality offered by ordinary fisheye lenses. But to get the most out of these lenses, you need high-resolution cameras. So the resolutions offered by Brickcom 360P cameras – three and five megapixels – are perfect for the job. And thanks to vandal-resistant shells, integrated AxxonSoft + Brickcom solutions are attractive to transport operators, among others. Our partnership promises to be a long one and we know already that the number of Brickcom devices integrated into AxxonSoft security platforms will be only growing with time».

IGOR FALOMKIN
Head of Software Development
AXXONSOFT

BRICKCOM TECHNOLOGIES INTEGRATED INTO AXXONSOFT PRODUCTS

AXXONSOFT PRODUCTS HAVE INTEGRATED SUPPORT FOR BRICKCOM 360P IP CAMERAS, WHICH FEATURE IMMERVISION LENSES. INTEGRATION BY AXXONSOFT WITH HIGH-QUALITY BRICKCOM CAMERAS HELPS TO GET THE MOST OUT OF T HE FEATURES OFFERED BY SPECIALLY DESIGNED IMMERVISION PANOMORPH LENSES.

The concept of panomorph optics, pioneered and patented by ImmerVision, consists of generating and controlling targeted and significant optical distortions to increase the number of pixels in the target zones of interest (augmented angular and variable resolution). As claimed by ImmerVision, **their panomorph optics with central magnification give the best central performance available**, with up to six times more resolution than that of standard fisheye lenses.

Axxon Next was certified by ImmerVision in 2012 for compatibility with the company's panomorph lenses, becoming **the first AxxonSoft product to win the ImmerVision Enables® 360 certificate**. Support in Axxon Next opened up unrivaled panoramic image quality to users all over the world.

Of course, **making the most of ImmerVision capabilities requires cameras with high-resolution image sensors.** And these cameras can be found as well, in the form of three- and five-megapixel Brickcom 360P cameras. The entire camera line is equipped with vandal-resistant casing as well as protection from precipitation and extreme temperatures. In addition, the MD-500Ap-360, MD-300Ap-360 and MD-300Np-360 models are compliant with the EN50155 standard for vibration protection, which makes them invaluable tools for security systems on vehicles and public transport.

This integration offers a number of opportunities, since AxxonSoft software includes special support for panomorph lenses. The warped video from cameras with panomorph lenses is transformed into multiple «ordinary» flat images for display on the operator's monitoring screen, as well as a horizontal panorama. Virtual PTZ capabilities are available for this imagery as well. Thus one fisheye camera can replace multiple fixed or PTZ units, reducing the overall cost of video surveillance.

Dewarping of video in Axxon Next is performed using the graphics card of the operator's computer, without burdening the CPU. Thanks to this innovation, even less powerful computers can view multiple panoramic cameras simultaneously.

Integrated solutions combining Brickcom IP cameras and AxxonSoft video management platforms offer an outstanding choice for sophisticated security systems for both transport and infrastructure sites of all types.