Enhance the capabilities of your video surveillance solution with co.exist from Sprinx

Do you want an effective way to count people, detect overcrowded areas, and monitor with regards to social distancing? Are you looking for ways to improve traffic flow within your city and reduce the response time and use of emergency vehicles? Then look no further than co.exist. With a 97% reliability rate, co.exist is designed to enhance the standard functionality of your surveillance system by turning your cameras into multifunctional sensors.

Ideal for smart cities, this all-in-one solution helps you guarantee a safe, secure, and organized environment with continuous provision of services. It's proven invaluable during the Covid-19 pandemic but it's not just for the short term—it's also a smart investment for the future. Seamlessly integrated with Milestone XProtect, co.exist can automatically detect incidents in real-time allowing you to quickly respond. Designed for installation on standard Intel-based servers, it can help you optimize resource allocation and reduce the number of resources needed to monitor for social distancing.
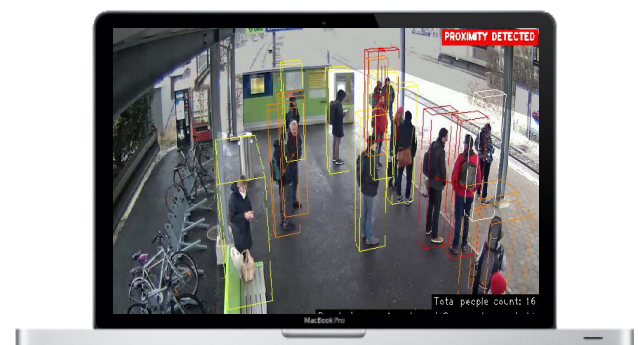
Accurate people counting
Combining artificial intelligence, a user-friendly interface, and data intelligence, co.exist offers people counting and occupancy metrics in facilities and public areas. By capturing and analyzing data from existing cameras, this highly accurate solution can monitor access to facilities to determine occupancy allowing you to control compliance with regard to the number of people permitted at one time. All this valuable information helps you understand the flow of movement within your facilities. With full XProtect® Smart Client integration, it's easy to trigger alerts based on the number of people present at any given time, and an alarm will automatically pop up in the XProtect Alarm Manager. It can also be integrated with audio devices so you can trigger audio alerts for instance to alert people that social distancing is being violated and they should leave the area. Additionally, because it only analyzes the video streams and doesn't store them, you're always compliant with privacy regulations.

Understand traffic flow
Based on the most modern and innovative object tracking and deep learning technologies, this smart video analytics software platform can accurately detect, classify, and track vehicles. It can also distinguish between different types of vehicles such as cars, vans, buses/trucks, and bikes (motorcycle/bicycle). This makes it possible to base notifications on different types of objects resulting in fewer false alarms and improved performance. You'll immediately be informed about traffic jams and congestion, and you'll gain valuable insights about traffic density so you can adequately plan and make improvements where necessary.
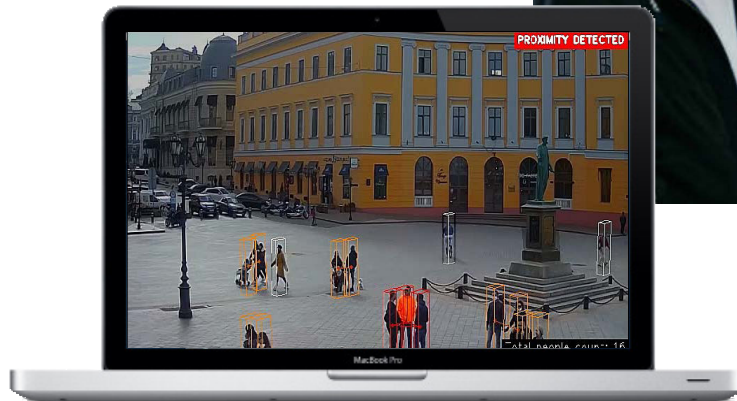
How does co.exist work?
Co.exist pulls video streams directly from video surveillance cameras, analyzes them, and triggers different events through the Milestone platform. And, because this smart solution uses video stream from existing surveillance cameras you can generate alarms and gather statistical data without the need to install additional equipment. Cameras can simultaneously perform video surveillance and analysis, and operators don't need to know specific knowledge about the CCTV system and layout of cameras. With full Smart Client integration, alarms pop up automatically within the XProtect alarm manager, allowing operators to visually verify the situation. This fully integrated solution empowers operators with the tools and information they need to respond to incidents confidently. And, operators can handle more cameras without getting overloaded.

Easy integration

Co.exist and Milestone offer an open environment with easy integration, so you have access to a wide range of powerful analytics to make your system even smarter and tailor-made to your specific requirements. Additionally, co.exist can be integrated with any third-party application using standard communication protocols (TCP/IP, OPC UA, MODBUS).

Benefits of co.exist within the Milestone ecosystem

Also available as a SmartClient Plugin, this value-adding analytic enhances the capability of your solution. It's possible to trigger alerts for instance when a vehicle is blocking an emergency exit. So, you don't need to continuously monitor – you'll be immediately informed whenever incidents occur. Using an intuitive dashboard, operators have fast, easy access to all the data collected, such as historical data and statistical graphs for business intelligence. co.exist offers easy configuration, integration, installation, and maintenance. And, you can easily update software with additional functionality that's integrated through the co.exist software. In addition, this cost-efficient solution applies deep learning technology using Intel OpenVINO Toolkit. And it can be installed on standard Intel-based servers using Intel CPU/VPU computing power for optimized performance and power consumption.

A broad range of applications

From cities and public transport to government buildings and retail stores, co.exist meets the needs of a broad range of industries offering an easy way to monitor for proximity detection, overcrowded areas, and to gather data about the movement of traffic. Additionally, it delivers marketing insights so you can make informed marketing decisions to further improve your operational efficiency, and help you deliver on your objectives more effectively and efficiently.

Availability and support

Sprinx offers intelligent monitoring of people and vehicles in the Traffic and Transportation industries as well as Private and Public sectors. Their products and services are globally available with orders handled directly by Sprinx or through their Value-Added Distributors (depending on the territory/ region). They offer NFR licenses for demo purposes, and there's a solution manager dedicated to customer support to assist customers with any issues. Sprinx also offers customers a preliminary feasibility test including an analysis of existing systems and devices to determine if conditions are right for co.exist implementation. Additionally, it's possible to request training courses and remote technical assistance.

About Sprinx

Started back in 2009, Sprinx is an Italian Independent Software Vendor (ISV) specializing in designing and providing video intelligent software platforms that can analyze the mobility of vehicles and people. Their powerful and innovative Deep Learning module combined with the 3D object tracking technology significantly enhances the ability to collect statistical data and automatically detect events. Present in over 15 countries worldwide, Sprinx has provided over 10,000 video analysis channels thanks to its added-value local partners. To

find out more get in touch with Sprinx today.