

## IP video surveillance for customer security. Switch to network cameras adds value to video surveillance solution.



Organization:  
Taiyo S.r.l.

Location:  
Milan, Italy

Industry segment:  
Hotel/Restaurant

Application:  
Safety and security

Axis partners:  
Kinetic Solutions S.r.l.,  
Milestone Systems

### Mission

For many years now, Milan's Wu Taiyo restaurants have set a benchmark for quality oriental cuisine and have been the places to go to enjoy exquisitely presented Japanese and Chinese food in this city. To date, all of the Wu Taiyo group's impeccably designed restaurants had been equipped with analog video surveillance systems. However, these systems no longer meet the growing needs of the owners, who opted to install digital equipment in the new restaurant to be opened in Viale Monza.

### Solution

The system designed for the new Wu Taiyo restaurant by Axis partner Kinetic Solutions employs 12 AXIS M3005-V HDTV mini-dome cameras dedicated to interior surveillance and 2 compact HD quality AXIS M1114-E Network Cameras with progressive scanning capacity that cover exterior areas, all cameras having HDTV performance.

Video stream management is handled by Milestone Xprotect® Express software, an open platform IP video management software that features a simple, guided setup procedure. A local server takes care of storage.

### Result

This solution provides extremely reliable and discreet video surveillance that ensures the safety of both the premises and customers with hardware that is perfectly integrated into the refined atmosphere of the restaurant's large central dining space and two secondary spaces, where lighting effects are part of the interior design.

"The selected Axis cameras have allowed us to offer a first-rate solution, in terms of both price and quality. The client immediately noticed the difference in performance between the digital equipment in the new restaurant and the analog systems installed at the chain's other locations. Achieving this excellent result has further consolidated our partnership with Axis."

Stefano Sardella, Sales Manager - Kinetic Solutions Srl.

## The new Wu Taiyo restaurant chooses IP video surveillance

The new Wu Taiyo restaurant that recently opened in Viale Monza is the fourth and latest of a chain of restaurants located throughout Milan that offers an ample selection of reasonably priced Japanese and Chinese dishes prepared with the highest quality ingredients.

The main reason that the owners opted to install the latest technology in security in their new restaurant was their dissatisfaction with the performance of the analog video surveillance systems at the chain's other locations and a desire to provide the best security possible for the new restaurant and its customers. A theft that had gone unnoticed by personnel during business hours had brought a particularly grave problem to their attention: due to the poor quality of the images provided by the security systems they were currently using, it had been impossible to identify the offender.

Kinetic Solutions considered Axis to be the ideal partner for the design and installation of this new system. AXIS M3005-V was chosen for interior spaces and AXIS M1114-E was selected to cover exterior areas. The client was given the possibility of attending a demo to personally check the effectiveness of these cameras prior to installation. The appearance of the equipment was one of the crucial aspects of this project. Architect, set designer, and interior designer Maurizio Lai, who had been contracted to design the new restaurant, wanted to personally ensure not only that the chosen cameras didn't in any way mar the environment he had created, but also that they were fully integrated into the interior design and would add a finishing touch.

AXIS M3005-V is an extremely small, inexpensive and easily installed fixed dome camera that supports the HDTV 1080p format, offers 2-megapixel resolution and has a 16:9 image aspect ratio. It offers a 118° viewing angle that's perfect for covering wide areas, and as it accommodates three-axis angle adjustment, it can be mounted on both walls and ceilings. Altogether, twelve AXIS M3005-V Network Cameras were installed inside the restaurant, including one at the entrance that films customers as they enter and leave and another near the cash desk. The rest were distributed throughout the other areas.

AXIS M1114-E is an outdoor camera that offers excellent HDTV image quality with progressive scanning at 30 frames per second and 1-megapixel resolution. It is fitted with a CS-mount that allows a wide range of lenses to be chosen from. A varifocal DC-Iris lens, which uses a motorized diaphragm opener that automatically reacts to changes in light to ensure high quality images without motion blur, is the standard lens for this camera. These cameras can generate individually configurable H.264 and Motion JPEG streams to optimize bandwidth use and storage space, and have casings that protect them from dust, rain, snow and sun. They are designed to operate at temperatures that range from 20°C to +50°C (-4°F to 122°F) and require no additional heater.

One AXIS M1114-E camera was installed at the main entrance of the restaurant and another was mounted near the service entrance at the rear of the building.



Runxin Wu, manager of the Wu Taiyo restaurant chain, stated, "We are very pleased with the end result and we intend to modernize the systems in the other restaurants using Axis cameras."

