



TOYOTA – CCTV SOLUTION

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In Zarate, north of the province of Buenos Aires, is located one of the most modern automotive plants in Argentina, the Toyota plant. In this plant work over 2000 employees plus a traffic of more than 1500 suppliers, contractors and customers per day, giving more than 3500 people circulating in the plant in just a working day.



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Being such a complex plant, it presented a number of problems in various sectors that needed a customized solution to resolve them. These covered the areas of conventional safety, industrial safety, production and logistics.



To solve these problems we installed a system of more than 300 CCTV cameras throughout the plant, fire detection systems, access control systems and the design, construction and operation of a center of operations and monitoring was conducted.

This center became the main operational control and record the various activities within the plant like loading and unloading of materials, perimeter security, test tracks, scrap sector, movement of persons within the plant, fire detection, control operating variables, etc.

In this central the control of various systems is performed, like CCTV, perimeter detection systems, fire detection, access control and integrated plant control. In the case of an emergency, this hub can function as a position of crisis management.



The result was that the total control of the movement of personnel within the plant perimeter security increased, accidents due to incorrect movement of staff for the plant decreased and 122 detections of theft of goods just in the first year. It is estimated that during the first year of operation, the losses due to accidents and thefts were reduced by 53% (equivalent to u\$s 467,000).