CASE STUDY

ON

PACKET TRACKING IN WAREHOUSES

PREPARED BY

INTSYS TECHNOLOGIES

ABSTRACT

HOW INTSYS TECHNOLOGIES HELPS ITS CUSTOMERS AVOID THEFTS AND TRACK THE ITEMS WITHIN THE WAREHOUSE.

This project focuses on solving theft issues faced at warehouses. With this solution, the system helps you to track packet/ parcels moving in and out of the warehouse as well as within the warehouse, by using a BAR CODE Scanner integrated with a CCTV System.

The system designed, enables the customer to track and monitor the movement of the packets thereby creating a controlled environment.

CHALLENGES
FACED IN TRADITIONAL WAREHOUSES

Records of items, in and out and within the warehouse is recorded manually. This gives an opportunity for theft, where the records can be manipulated, and the items can be stolen without the knowledge of the supervisor/manager manning the warehouse.

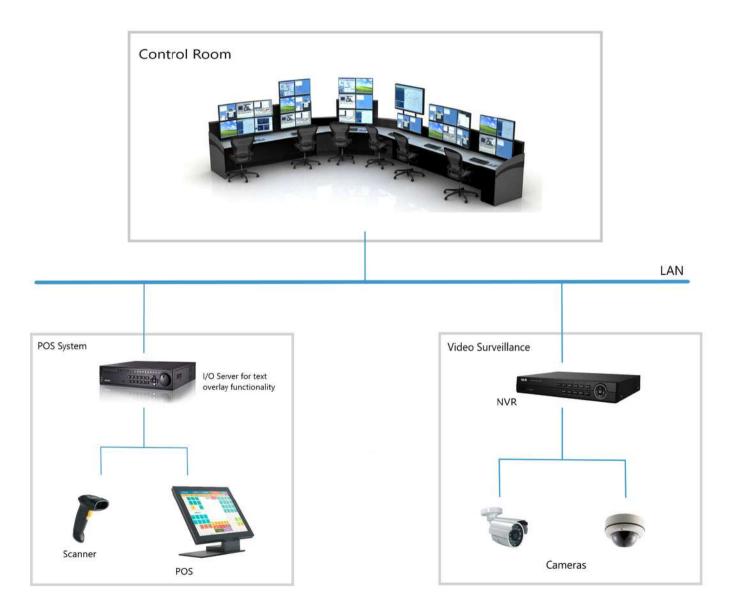Lakhs of Rupees have been lost due to such thefts.

Keeping Security Guards for constant vigil, surprise checks by Middle and Top Management, only adds to the cost but does not yield in the elimination of such thefts.

SOLUTION OFFERED

We designed a system integrating a Bar Code System with a CCTV System. We then developed a process along with the management of the warehouse.

The process ensures that nobody can bypass the system.

HOW SOLUTION HELPED

Every time a packet is brought in or leaves the warehouse, its BAR CODE has to be scanned.

The scanned data gets written over the CCTV Footage of the Loading bay at that time.

In the event a person does not scan it, and the item is lost, it will be easy for us to realize who was the person assigned to receive the material, through the CCTV Footage.

This reduces the time and energy spent to find the lost packet.

The packets can now be tracked by looking through the video database.

CONCLUSION

While the CCTVs were used for prevention of thefts and break-ins, with advnacements in technologies, we can now integrate the CCTV System with various functionalities such as Fire Alarm, Packet Tracking, People Access System, etc.

Apart from this we also have various video analytics available:

- Motion Detection
- Line Crossing
- Intrusion detection
- Object Abandoned
- Object Missing
- Crossing the fence
- Reverse Direction Detection
- etc

To know more about the various solutions we offer, contact us via the details mentioned on the next page.

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