

Bringing Ideas to Reality
Case Studies



Revamping IT Infrastructure in a Live Scenario

About CNN - IBN

CNN-IBN is a partnership between Global Broadcast News (GBN), a Network18 Company, and Turner International (Turner) in India.

The 24-hour, English-language news channel is spearheaded by renowned television journalist Rajdeep Sardesai as the Editor-in-Chief. He is backed in the venture by the strong foundation of Network18's newsgathering experience and infrastructure in India and bolstered by CNN's eminent and extensive global news network.



Challenge:

To revamp the entire Structured Cabling of IBN 7 without affecting the broadcasting of the channel and to perform the entire work in a live scenario with minimum disruption to the users on the floor. The entire cabling setup to be upgraded to CAT 6 Solution from the existing CAT 5e Solution. The following requirements were to be incorporated in the design of the solution:

- The solution should be a modular one where move and changes would be easy without having to affect the running network
- The ports should be identifiable from a distance
- The documentation of the network should be very precise and should have all possible details so that one can revert back to the earlier configuration in case of emergency
- User specific ports were to be provided at the Workstation Area
- Enough redundancy is to be built-in the Solution as any port not working may mean a loss of revenue.





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Network Solution

Molex products was chosen and recommended by Targus Technologies Pvt. Ltd (Targus) for the implementation and providing the cabling solution to IBN 7. Molex was chosen for the following reason:

- Molex provides a modular solution, in the sense the jack panels are unloaded and are angular in nature. This helps in providing a color specific solution, where mix match of information outlet colors can be installed. Therefore different color information outlets can be used for different type of points (e.g. Blue for normal users, Red for Servers connectivity etc).
- Another advantage with the Molex Information Outlets is the tool-less termination. No tools are required when terminating the UTP cable on the information outlet. This will allow for uniform termination on each of the information outlets which in turn will give constant performance on all the segments. This also helps in completing the job faster as the site is Live and very little time is given to complete the job.

The project was carried out in a very specific and planned manner. Various meetings were conducted to chalk out the up gradation plan as the customer could not afford even a single minute of downtime. The floor was divided into phases and each phase was divided into various activities. Each phase was completed with very strict timelines as no slippage in the timelines was possible.

With the help of Targus Projects team and Molex product line, IBN 7 today has the state of the art IT infrastructure and is broadcasting its programs without any problems.



With Targus
There is, always a solution