

Case Study

News 18

IT Infrastructure

Seamless Structured Cabling Upgrade for News18: Ensuring Live Broadcasting Without Disruption

How Targus Technologies Successfully Upgraded News18's IT Infrastructure with Minimal Downtime and Maximum Efficiency.

About News 18

News18 India is a prominent Hindi-language television news channel in India, owned by the Network18 Group. The channel was previously known as Channel 7 and IBN7. It broadcasts news coverage globally, both on television and online platforms. Headquartered in Delhi, News18 India is recognized for delivering timely and comprehensive news to its audience across India and beyond.

Challenge

The objective was to overhaul the entire structured cabling system of News18 India without disrupting its live broadcasting operations and ensuring minimal impact on users. The upgrade involved transitioning from the existing CAT 5e cabling solution to a CAT 6 solution. The following key requirements were integral to the design of the new system:

- The solution should be modular, allowing for easy modifications and relocations without disrupting the ongoing network.
- Ports should be easily identifiable from a distance for quick troubleshooting.
- Network documentation should be thorough and detailed, enabling a seamless rollback to the previous configuration in case of an emergency.
- User-specific ports were to be installed in the workstation areas.
- Sufficient redundancy must be incorporated into the system, as any failure in port functionality could result in significant revenue loss.

Targus Technologies seamlessly upgraded News18's IT infrastructure, ensuring minimal downtime and maximum efficiency, enabling uninterrupted live broadcasting with enhanced performance and reliability.

Solution

Molex products were selected and recommended by Targus Technologies for implementing the cabling solution for News18 India. Molex was chosen for the following reasons:

- Modular Design: Molex offers a modular solution with angular, unloaded jack panels. This design enables the use of color-coded information outlets, allowing different colors to be

assigned to specific points (e.g., blue for standard users, red for server connections). This color-coding simplifies identification and organization.

- **Tool-less Termination:** Molex's information outlets feature a tool-less termination process, eliminating the need for additional tools when connecting UTP cables. This ensures consistent, high-quality terminations across all outlets, delivering reliable performance throughout the network. The tool-less design also accelerates installation, which was crucial given the live nature of the site and the tight time constraints.

Implementation of Project

The project was executed with meticulous planning and precision. Several meetings were held to create a detailed upgrade plan, as the customer could not afford any downtime.

The work was divided into phases, with each phase broken down into specific tasks. Every phase had strict timelines to ensure no delays, as even a minute of downtime was unacceptable.

With the support of the Targus Projects team and Molex products, News 18 now boasts state-of-the-art IT infrastructure, enabling seamless broadcasting of its programs without any issues.