Case Study

Bangalore Metro Rail Corp. Ltd.

Highlights

Delta @ NAMMA METRO's OCC

Delta, a leading provider for video wall solutions, facilitates Bangalore Metro Rail Corporation Ltd. (BMRCL) with its high-end video wall solution for its Operations Control Centre, Bangalore. Delta provided BMRCL an innovative solution for monitoring the electrical grid powering the Metro Trains which run on its network. Bangalore Metro, known as "Namma Metro", a joint venture between the Government of India and the Government of Karnataka, has immensely added to the comfort level of the travelers.

The Bangalore Metro’s new eight meters wide control room display comprises of sixteen DLP® cubes based on rear projection Technology from Delta. The image displayed on Delta’s Video wall, guarantees a seamless view with a sharp focus with for text as well as graphics.

Technologies Used

» 67” DLP Video wall
» ICON Pro Controller

» End User : Bangalore Metro Rail Corporation Ltd.
» Customer : ABB
“We chose Delta for being a global market leader in providing video wall solutions in the railway industry. Delta gave us a comprehensive and customized solution which was apt for our power receiving and distribution monitoring needs. Any failure in power grid can be acted upon in real time with Delta’s displays. We have managed to further optimize and centralize our work procedures. Moreover, the safety of the metro passengers has been enhanced.”

Commented by BMRCL

Monitoring Electric grid on Delta’s Video walls

BMRCL has uninterrupted power supply, facilitating the regular arrival and departure of trains along the route. The provision of power at all stations and trains of the Bangalore Metro Rail Corporation are monitored on Delta’s Video walls at the Operations Control Centre. The OCC is responsible for command and control of the whole power system including the stations and trains. Flexible and reliable, Delta video wall helps the system to operate 24 hours, supporting train services and maintenance activities. Of the couple of other video walls installed at the BMRCL control room, Delta’s Video wall is the biggest and the brightest. We entrusted upon Delta for our most crucial display in the Operation Control Centre.

Every day, the operators of the Operations Control Centre of BMRCL ensure the safety of millions of passengers by constantly monitoring train speed, signals, station activities and power supply. Display technology from Delta provides them with a perfect overview of the entire power system operation.

About BMRCL
Bangalore Metro Rail Corporation Limited (BMRCL), a joint venture of Government of India and Government of Karnataka is a Special Purpose Vehicle entrusted with the responsibility of implementation of Bangalore Metro Rail Project. The project has an East-West corridor - 18.10 km long, starting from BAIYAPPANAHALLI in the East and terminating at MYSORE ROAD terminal in the West and a 24.20 km North-South corridor commencing at NAGASANDRA in the North and terminating at YELECHENAHALLI in the South.

About Delta
Delta Displays a division of the Delta Group, is a pioneer in developing professional displays for control room solutions for surveillance, security, traffic, command & control, utilities, process control, telecom and broadcast applications. Delta offers a wide array of display technologies including: rear projection DLP video walls with Next-Gen LED technology, super thin-bezel LCD video walls, and high-resolution indoor/outdoor LED displays with powerful & highly flexible Wall management Software suites.