

Ensuring the central nerve of the Railways go uninterrupted

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At a glance

The Centre for Railway Information Systems (CRIS) is an organization under the Ministry of Railways that is responsible for all IT-related work for the Indian Railways. CRIS COA, or the Control Office Application, is a project of CRIS to automate the control charting process at railway divisional control offices. The CRIS COA project involved the setting up of 78 micro data centers across 27 states. These micro data centers are responsible for collecting and processing real-time data feed on the train location and positioning.

<https://you.tube/yEKNqBtr7LI>

Our Solution

The 78 micro data centers that were set up for the CRIS COA project required seamless power backup in order to ensure uninterrupted operations and seamless processing of real-time data. **Trimod HE UPS** with granular parallel architecture, a tried-and-true solution for over a decade, stands as a unique modular UPS product in a league of its own. This three-phase UPS is both redundant and scalable, delivering energy efficiency upto 96%. With its exceptional uptime capabilities and compact footprint, Trimod HE UPS proved to be the perfect choice for the CRIS COA project.

The Challenge

The customer had a set of specific and demanding requirements, including a tight deadline with installations spanning across India, a reliable solution that would be future-proof for expansion and a solution that would be efficient in reducing total cost of ownership. Our research and development team worked closely inline to address the specifications that met all regulatory norms.

Success

The timeline for the execution of the project was 10 weeks from inception to installation, at all the 78 micro data centers across the 27 states. This was a challenging timeline, but Numeric was able to meet it by leveraging its technical expertise and largest service network, both in urban and remote areas. The project was completed on schedule and within the budget, resulting in the customer being extremely satisfied with the outcome.