

RIPL'S COMMITMENT TO TECHNOLOGICAL EXCELLENCE IN INFRASTRUCTURE DEVELOPMENT

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"The infrastructure sector is undergoing a transformative shift towards technology-driven methods that redefine project planning and execution. At RIPL, we leverage AI and advanced technologies to enhance efficiency and innovation. By collaborating with international firms and developing our FusionHub ERP system, we aim to equip companies with cutting-edge solutions, accelerating the journey towards 'Viksit Bharat' and a sustainable future for India by 2047."



The infrastructure sector is undergoing a transformative shift, moving from traditional methods to a technology-driven era that is redefining how we plan, build, and manage large-scale projects. This evolution, driven by the adoption of AI and other advanced technologies, is significantly improving efficiency, accuracy, and innovation across the sector. Aligning with the AEC sector demand, RIPL has the collaboration with international technology firms to provide the advanced software solutions such as ArchiCAD, TeamSystem Construction, Plateia and others. We have also developed FusionHub, a cloud based ERP system in association with Orgnn Technologies. The idea is to make the cutting edge technology available to all the companies working within infrastructure domain in various capacities. The quantum leap will come only if we have differentiators in the technology front. That will pave the way of 'Viksit Bharat' on much faster pace

ArchiCAD's advanced BIM and AI capabilities enable architects to visualize complex structures virtually,

optimizing designs for sustainability. TeamSystem Construction and FusionHub's cloud-based ERP systems enhance project execution with real-time data and predictive analytics, crucial for meeting ambitious targets. These platforms facilitate seamless collaboration across locations, improving efficiency. Plateia & Ferrovia software, powered by AI, optimizes road and railway infrastructure planning, minimizing costs and environmental impact. Application of such tools ensure robust, efficient and sustainable urban development and overall infrastructure growth. Modernization will be key to India's journey as per Vision 2047.

The synergy of these AI-powered tools ensures that the planning and execution of infrastructure projects under the Vision 2047 initiative are both forward-looking and resilient, paving the way for a developed and prosperous India.

We are thoroughly aligned with this technological evolution. Looking ahead to 2047, we envision RIPL becoming one of the top global advisory firms in BIM consultancy and cloud-based ERP solution provider. By championing advanced technologies, we are committed to supporting India's 'Vision 2047 - Viksit Bharat' initiative. Our role in this journey is not just to meet the demands of today but to innovate for a more resilient, sustainable, and technologically advanced future. ■