



Behind the Overhaul: Railtec's Role in Advancing Malaysia's Rail Industry

When we step onto a train, most of us simply expect a smooth, safe and reliable journey. What we rarely see is the complex work happening behind the scenes to ensure every rail vehicle remains in top condition — from routine inspections to full-scale overhauls.



This is where MRail Technics Sdn. Bhd., also known as Railtec, plays an important role in Malaysia's rail ecosystem. Railtec is a Malaysian Maintenance, Repair and Overhaul (MRO) company providing specialised services for rolling stock — the trains and railway vehicles that keep the nation moving. Its work covers everything from refurbishment and technical support to major overhaul programmes.

Railtec is a pioneer and leading MRO company, having successfully executed Malaysia's first locally delivered Level 4 and Level 3 MRO works for Electric Multiple Unit (EMU) rolling stock.

This reflects not only Railtec's technical capability, but also Malaysia's growing strength in supporting critical transport infrastructure locally.

Growing with Technology and Skills

Railtec's approach goes beyond traditional maintenance. The company is building a digitally driven ecosystem, integrating modern systems and international standards to enhance service delivery and operational efficiency.

Looking ahead, Railtec has launched its next phase of development through Railtec 3.0 (2025–2027), a roadmap designed to strengthen its position as an advanced MRO excellence company.

"Through Railtec 3.0, we are investing in advanced facilities, digital technologies and talent development to position Railtec as a trusted MRO leader not only for Malaysia, but also across the ASEAN rail market," said Rahimin Abdul Rahim, the Chief Executive Officer of MRail Technics Sdn. Bhd.

This includes plans to expand overhaul facilities and enhance automated testing capabilities, introduce more digital technologies into maintenance processes, develop local talent through a dedicated Rail Technology Centre (RTC), and prepare the organisation for wider opportunities across the ASEAN rail market.

The Importance of Partnerships and Financial Support

Railtec also recognises that long-term growth requires strong collaboration. Strategic partnerships with Original Equipment Manufacturers (OEMs) and industry players help drive technology transfer, strengthen supply chains, and build workforce expertise. These efforts are essential in ensuring Malaysia continues to develop competitive capabilities within the rail engineering sector.

As the company took on more complex and outcome-driven projects, access to the right financial support became just as critical as technical capability. This proved particularly significant when Railtec secured a Performance-Based Contract (PBC) — the first government-controlled MRO contract of its kind.

Under this structure, payments are made only upon the successful completion and handover of overhauled rolling stock, placing greater emphasis on upfront capacity, working capital resilience, and execution discipline. It was within this context that Malaysia Debt Ventures Berhad (MDV) came in to support Railtec's next phase of growth.

With this financial support, Railtec substantially strengthened its operational scale and delivery capabilities. In 2025, the company achieved revenue of RM169.9 million, marking a significant milestone in its growth journey and reinforcing its position as a trusted rail MRO partner.

This growth highlights how targeted financing can help Malaysian companies scale sustainably while supporting national infrastructure priorities.



Looking Ahead

In the coming years, Railtec aims to further establish itself as a leading MRO provider, driven by digital maintenance systems, skilled talent, and integrated solutions for both Malaysia and the wider ASEAN region.

Railtec also encourages other Malaysian engineering and technology players to explore financing support that can unlock growth, strengthen competitiveness, and ensure long-term resilience.

Railtec's journey reflects the importance of building strong local champions in high-impact industries. Through MDV's continued support for technology-based businesses, companies like Railtec are helping Malaysia move forward — not only by keeping trains running safely, but by driving innovation and capability within the national rail ecosystem.

"MDV's financing came at a crucial time, particularly as we undertook Malaysia's first performance-based government MRO contract. Their support enabled us to strengthen our operations, acquire key assets, and accelerate technology development as we scaled our service delivery."



Rahimin Abdul Rahim
Chief Executive Officer