

Case study: Suspension solution

When a mechanical failure occurred to the axle suspension tube of a Piccadilly line train, it soon became obvious that, if not put right, it would affect the entire fleet. “We called on Mechanical Services for help,” explains David Wheeler, Piccadilly line Fleet Manager. “The team held an independent design review followed by technical testing, involving dynamic strain gauging. It then designed a new suspension tube and had a prototype manufactured, which we expect will lead to a solution for the entire fleet. Mechanical Services is a very professional team of good engineers. If they hadn’t come to our aid, we would have had to approach an outside contractor. No other internal resource could have given us such a complete, holistic service.”

Thorough analysis of problems
leads to highly competent solutions.

