

Applications in Rail Transportation

Accurate time has many essential applications in the rail industry including synchronisation of signalling systems, networks and passenger information displays.

- Railway Network Timing
- Railway Signalling Systems
- Track to Train Radio Systems
- Station Clock Systems
- Mass Transit & Rapid Transit



Our master clocks and time and frequency standards are highly accurate time sources, which synchronise information networks and distribute precision timing to all network devices.

Accurate and reliable timing plays a vital role in providing event time stamping to provide an historical chronological audit trail, which may be vital for safety information records.

Track to train communications can also benefit from precise time – message transmission and reception must be precisely synchronised.

Our master clocks also distribute precise time to station clock systems, ensuring interior rail terminal passenger information displays and exterior platform clocks are providing accurate, synchronised time.

Station Management Systems also require an accurate and reliable time source, e.g. CCTV, computer networks, pre-set announcements and even auto-control of heating and air conditioning systems.

Our highly versatile products offer a cost effective means of providing accurate time to a complex, multi-vendor IT system. Due to the product flexibility, we can provide solutions whatever your requirement.



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