

# Manchester Metrolink Tram Management System (TMS)



## THALES

*“Multidiscipline scope to deliver both civil engineering and communications.”*



Trafford Depot Walkways

METROLINK TMS

PHASE 1

PHASE 2

PHASE 3



JANUARY 2010 –  
JULY 2016

VALUE  
£5M

MANCHESTER



# Manchester Metrolink Tram Management System (TMS)



Cabinet Platform on Bury Line

**Working for Thales on the Phase 1 & 2 TMS upgrade and Phase 3 new installations, Pod-Trak carried out a multidisciplinary scope of lineside civils and installation of communications systems.**

The lineside civil engineering scope included route works, cable installation, UTXs, signal base foundations, CCTV post

foundations, driver walkways, hollow bearer sleepers, ballast board retaining walls and light vegetation clearance.

The communications scope included Mesh Radio installation, SPAS beacons, axle counters, fibre network and leaky feeder cable through all the tunnels in the network. In 2012 Pod-Trak installed a new fibre backbone

and Masstrip link between the existing depot at Queens Road and the new depot at Trafford. This scope included routing both cables through the city centre and carrying out all jointing, splicing, testing and terminating.

Upon completion of the works the old Phase 1 and 2 system met the specification of the new modern TMS on Phase 3.