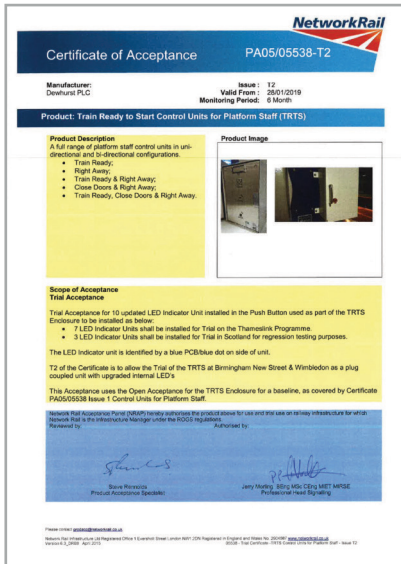


Train Dispatch Equipment Unit (TDEU)

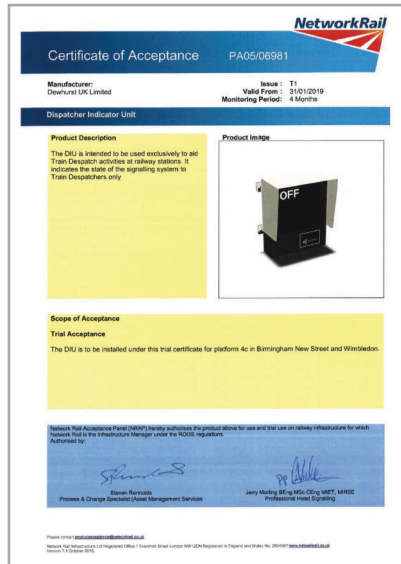


Certificates

Trail Programme Certificates are required for TRTS and DIU and were granted on 31/01/19



TRTS Certificate number:
PA05/05538-T2



DIU Certificate number:
PA05/06981-T1

Train Dispatch Equipment Unit (TDEU)



This information is for guidance only and is not intended to form the basis for contract. All dimensions in mm.

For full details of our complete range of products and for further technical information, please visit our website at www.dewhurst.co.uk or call us on +44(0) 20 8744 8200

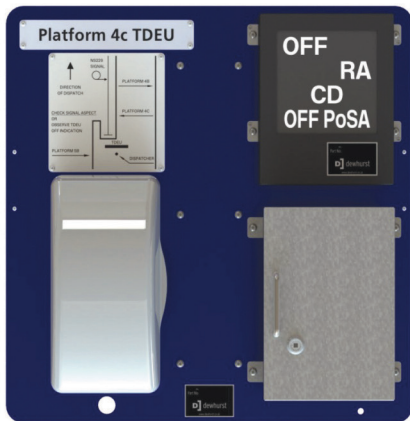
Dewhurst
 Unit 9
 Hampton Business Park
 Hampton Road West
 Feltham TW13 6DB
 T +44(0) 20 8744 8200
 F +44(0) 20 8744 8299
 info@dewhurst.co.uk
 www.dewhurst.co.uk

All orders are subject to Dewhurst Terms & Conditions which are available on our website or by request.



Train Dispatch Equipment Unit (TDEU)

The New Dewhurst TDEU has been designed to create a standard approach for train dispatch staff. This has been achieved by bringing together all the elements/units (TRTS, DIU, SPT) into one assembly. Together with the well know TRTS, we also have a new DIU (Dispatcher Indicator Unit) with clear indication of signal status. These two main units are now plug coupled to allow quick installation/replacement.



H:700mm W:700mm D:160mm

TDEU Plinth

The TDEU plinth has been installed at Birmingham New Street Station



TDEU Monolith

A variant of the TDEU monolith has been installed at Wimbledon Station



H:2151mm
W:1000mm
D:293mm

Application

The TDEU is intended to repeat the train dispatch indications to the train dispatch staff on the platform only.

Construction

TDEU made up of the following items:

- DIU (Dispatcher Indicator Unit)
- SPT (Lineside Telephone)
- TRTS (Train Ready to Start control unit)
- SMP (Site Mimic Plate) + Asset ID Plate

All the above are mounted on a frame structure with cable containment management at the rear. Each unit is plug coupled to enable quick installation of individual elements/units.

Connection

The TDEU is available as a free wired or fully plug coupled installation. A PADs approved TDEU interface or plug coupled DIS box is available where appropriate.

There is a range of TDEU dedicated interconnects and leads aligning to the Network Rail SE-SKs.

All the above items are available from Ilccsys/Dewhurst.

Key features

- Complete dispatch system
- Easily visible in bright sun
- Waterproof protection to IP56 to IP66
- Compliant with EMC to BS EN 50121-4:2015
- Plug and play coupler connection
- Ergonomically approved layout
- Custom bespoke fixtures
- Wall, post or floor mounted
- Simple installation
- Cable management approach to unit

Dispatch Indicator Unit (DIU)

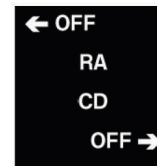


Key features

- Provides clear identification of signal status
- Easily visible in bright sun
- Waterproof protection to IP56
- Compliant with EMC to BS EN 50121-4:2015
- Plug and play coupler connection
- Test uses secret until lit technology
- Illumination provided by long life LED's
- Illumination remains off below 60Vac and on 88-132Vac, 5W per signal
- Hood supplied (not shown), can be fitted if required

H:282 mm x W:226 mm x D:72 mm*

*D: 136 mm (with hood fitted)



Train Ready To Start unit (TRTS)



H:313 mm x W:218 mm x D:160 mm

Key features

- New TRTS design for use with DIU
- Waterproof protection to IP66
- Available portrait or landscape
- Available with and without door lock
- Cover plates available for unused switches
- Clear Train Ready push button illumination
- Illumination remains off below 60Vac and on 88-132Vac
- Compliant with EMC to BS EN 50121-4:2015
- Plug and play coupler connection