

i+connect

Rail Welding Equipment



Pandrol Connect is a mobile app designed to support aluminothermic welders through the weld process, capture live data about the weld, save time and improve the traceability of welds for contractors and rail network operators.

Pandrol Connect consists of three modules: a mobile version for welders to record on-site data and for welding controllers to review data, an online monitoring app to review weld information from the office, and an online administration tool to apply settings to local standards. All data is hosted in the cloud for easy sharing.

→ TECHNICAL FEATURES

Full traceability of welding

Designed to record data before, during and after welding. Generate detailed records of your operations including the welder's ID, geographic location, environmental factors, and various weld parameters.

Document welding operations in detail

Assign pictures and voice recordings to specific welds, to provide a comprehensive overview of all work carried out on site.

Compatible with all welding kits

Pandrol Connect is compatible with all welding kit suppliers, meaning you can use the system across all of your teams.

QR Code integration

Consumables can be scanned using QR codes to record the specific items used on site.

Welding instructions included

Contains a detailed welding instruction manual, which is then available at the contractor's fingertips.

Works on track

A reliable reporting tool which uses an ergonomic interface specifically designed for use on track. Access weld information on site even without internet access.

Designed for the full life-cycle of the weld

Data can be reloaded for review at any point and additional information can be added including profiling and inspection data.

Available now for Android and iOS

Currently available on both the Google Play store and Apple App Store.

→ ADVANTAGES

- **Digitalise and enhance welding documentation**
Increases welding traceability by making data transparent – easily identify defective welds and data anomalies.
- **Reduced carbon footprint**
Drastically cuts down paperwork whilst saving users time.
- **News updates available**
Includes a news function which updates users on the latest and best welding practices.
- **A cost-orientated solution**
This customisable app requires no capital outlay and reduces wasted time spent on paperwork.



→ PARAMETERS

Location

Document the location, environmental conditions, line type, and various other geographic variables.

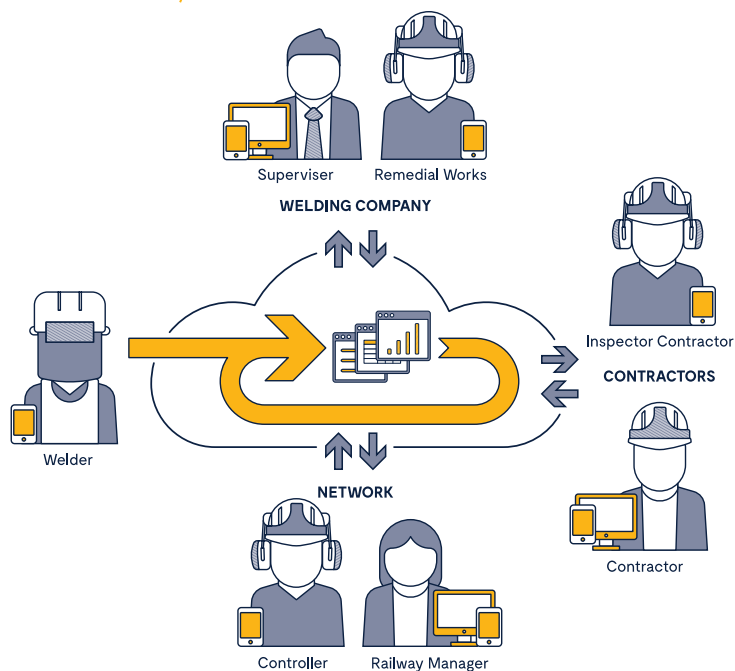
Track Type

Specify the rail profile, wear, alignment, gap, and cutting method used.

Weld Process

Record all welding data including consumables, timings, profiling, and inspection results.

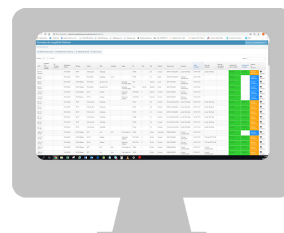
→ USER MAP



→ ANALYTICS

Track your operations from your online dashboard:

- **Review individual welds**
Edit, accept, reject, or request remedial action.
- **Data synchronising**
Connect directly to the SQL database to automatically synchronise your ERP in real time.
- **Download data**
Export data into spreadsheet software such as Excel, which can be automatically sent to your customers.
- **Generate certificates**
Produce documents that certify casting through to final inspection



→ LEARN MORE



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