

RailAWARE



Fewer delays, safer teams, and stronger resilience across your network, no matter the season.

Weather shouldn't run your railway, but Australia's rail networks are under mounting pressure from climate change with flooding, extreme rainfall, heatwaves, and severe storms causing costly delays, asset damage, and safety risks.

Since 2006, EWN has worked with leading rail operators to minimise disruption, safeguard crews, and reduce downtime. RailAWARE packages our proven weather intelligence solutions into one powerful service designed specifically for the rail sector.

"EWN's services have saved us time and money by providing accurate, location-based data for our teams."

– UGL Regional Linx

RailAWARE combines multiple weather risk technologies into one integrated package:

Severe Weather Alerts

Targeted notifications for severe weather and hazards, tailored to your defined rail corridors and assets.

FloodAWARE

Detailed flood forecasts and real-time modelling to protect track, culverts, and critical infrastructure.

Radar-Derived Rainfall

Hyper-local rainfall mapping for precise situational awareness.

Gauge & Culvert Monitoring

On-the-ground validation of rainfall and flood impacts.

Tropical Cyclone Services

Targeted notifications for severe weather and hazards, tailored to your defined rail corridors and assets.

Tomorrow.io

World-leading predictive weather technology, enhanced by EWN for Australian rail operations.

Why Rail Operators Choose RailAWARE

Before RailAWARE	With RailAWARE
Broad, generic weather warnings not tailored to rail networks	Targeted alerts for specific track sections, depots, and assets
Limited visibility of flood risk until after impact	Real-time FloodAWARE modelling and forecasts
Reliance on manual monitoring of culverts and gauges	Automated rainfall and culvert monitoring with real-time feeds
Reactive planning and response after severe weather strikes	Proactive decisions with Tomorrow.io forecasting and EWN alerts
Costly delays and infrastructure damage with little warning	Reduced downtime and asset losses through early intelligence

Safeguard Your Rail Operations

RailAWARE empowers operators to minimise disruption, reduce costs, and protect their people with trusted, real-time weather intelligence.

- Prevent Delays & Damage** with track-specific severe weather alerts
- Boost Network Resilience** with long-term monitoring and forecasting to adapt to a changing climate
- Protect Crews & Cargo** with real-time intelligence that ensures staff and freight are kept safe
- Targeted Information** means you are receiving relevant data, and not generic advice
- Stay Ahead of Events** with RailAWARE severe weather intelligence for proactive planning

