



IMPLEMENTATION STAGE 1

- Deploy the ATMS product as the accredited and approved safe working system for trains operating between Port Augusta and Whyalla
- Allow ARTC to demonstrate the capability of ATMS on a section of our network that lends itself to a simple, relatively low-risk deployment that proves its potential for large scale roll-out
- ARTC and rail operating companies are gaining a good understanding of how ATMS will operate in a real operating environment to influence large scale deployment



ARTC




ATMS DEPLOYMENT TARCOOLA TO KALGOORLIE

1272 km of track • 2 Control Boards • 35 crossing loops • Up to 200 locomotives fitted

ARTC

PLATFORM FOR FUTURE ENHANCEMENTS

- ATMS provides a foundation for future enhancement that could allow:
 - Semi automated or automated operational systems;
 - Fuel and energy management systems;
 - Integration with ANCO system – ARTC's Network Control Optimisation a movement and planning tool;
 - Real time data exchange between other trackside infrastructure, locomotive data, track monitoring, freight tracking systems for big data analysis; and
 - Be interoperable with the Sydney Metropolitan ETCS network control system without additional trainborne infrastructure.



ARTC