

FLEXIBLE DEPOT SYSTEMS TO SUPPORT MULTIPLE FLEET MAINTENANCE

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The future

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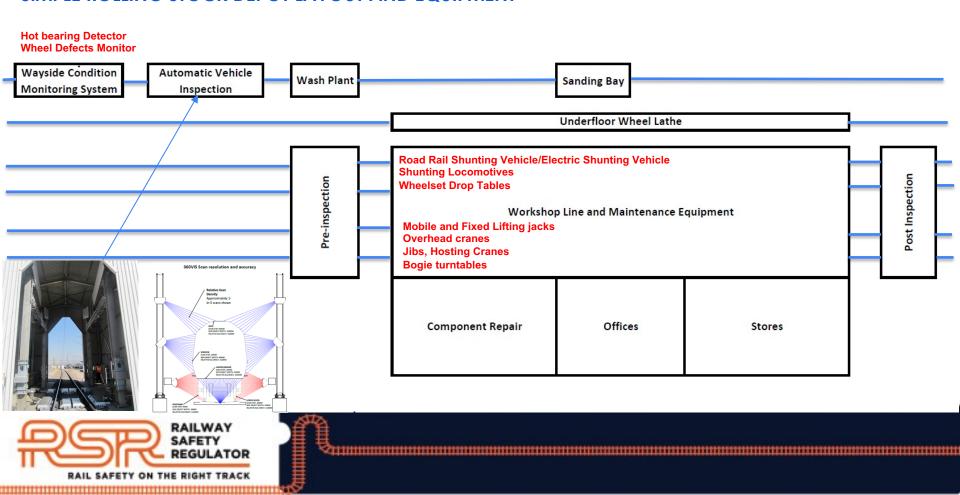
RAILWAY SAFETY REGULATOR RAIL SAFETY ON THE RIGHT TRACK

FLEXIBLE DEPOT SYSTEMS ASSUMPTIONS

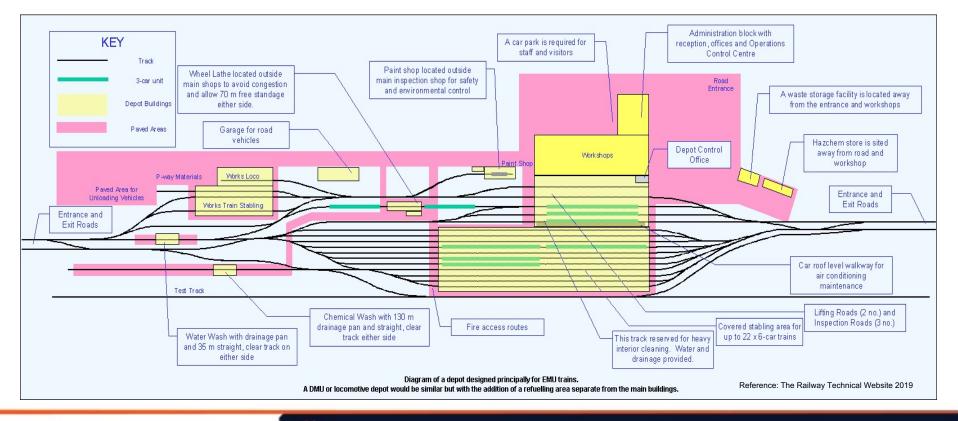
- Limited variety of rolling stock designs
- Uniform traction voltage supply, e.g., 25 kV AC
- Centrally located and accessible from opposite sides
- Shared maintenance facilities and equipment
- Onsite material stock holding
- Standardised components from OEM
- Optimised shunting movements between the yard and workshop repair lines
- Provision for future expansion staging yard and workshop facilities



SIMPLE ROLLING STOCK DEPOT LAYOUT AND EQUIPMENT

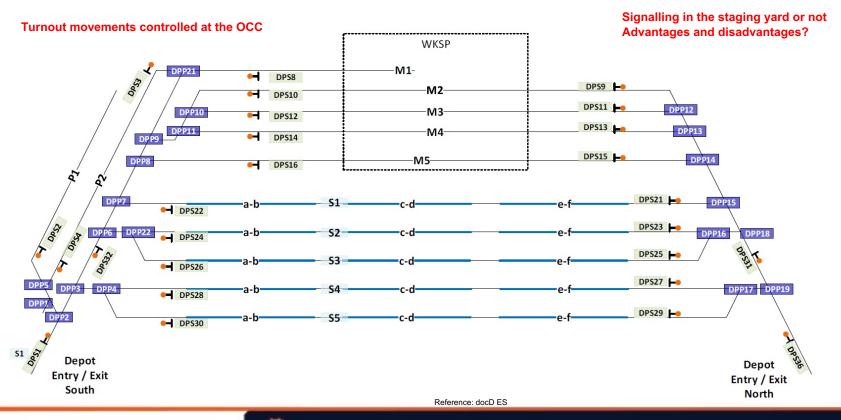


TYPICAL MAINTENANCE DEPOT FACILITY





STAGING YARD SHUNTING MOVEMENTS





THE FUTURE

- Shared facilities and resources
- Outsourced critical components repair and overhauls to OEM supported entities
- Agility to meet customer demand (ever-changing)
- Achieving high levels of availability and punctuality (underpinned by high reliability and quality – mean time between service affecting failures, mean time between failure, mean time to repair (high levels of punctuality)
- Optimal balance between maintenance cost and service provision





