



What is?

Asset Information Requirements (AIR)

Victorian Transport Digital Engineering will empower people across the whole of Victorian Transport with digital engineering innovation and quality, connected information.

Contents

- What is AIR?
- What are the benefits of AIR?
- What is the AIR documentation suite?
- What are the next steps for AIR?

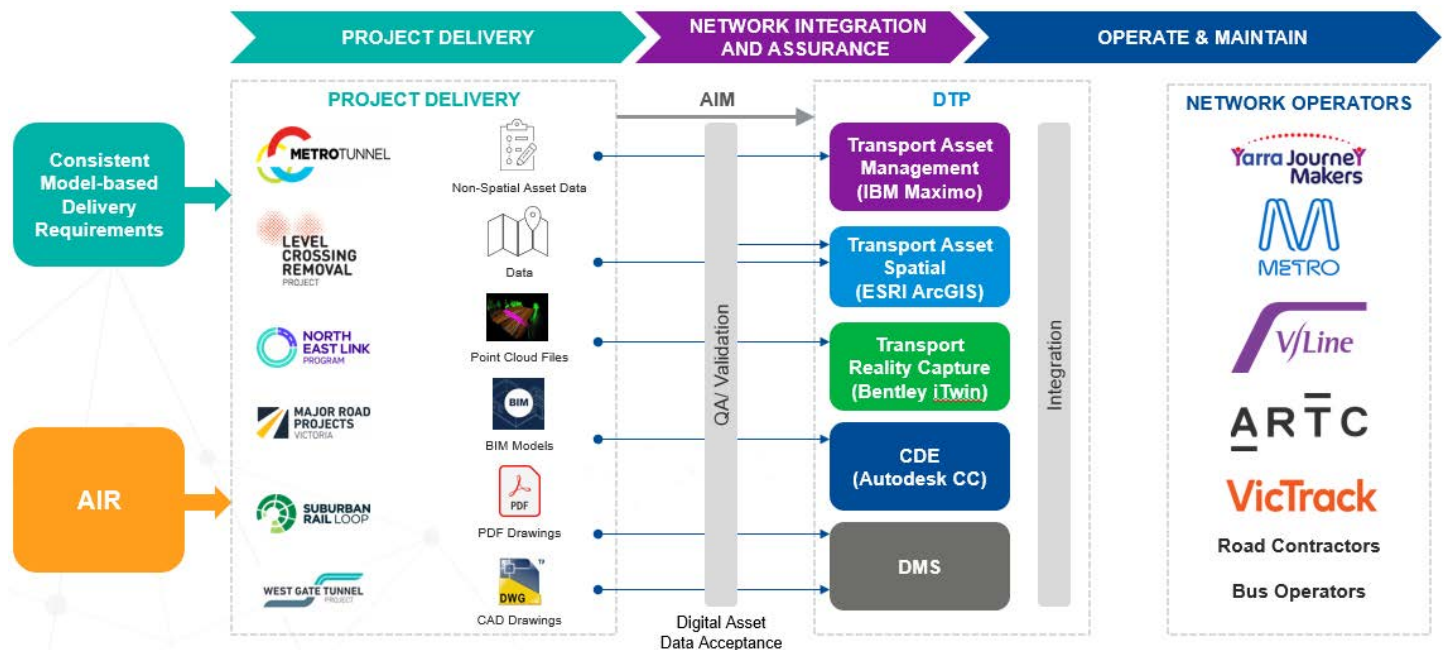
What is Digital Engineering (DE)?

DE is the use of digital technologies and processes to create a complete digital ecosystem. This enables data sharing, enhanced communication and efficient flow of information throughout the complete lifecycle of a transport asset.

As part of the Victorian Transport Digital Engineering (VTDE) program, DTP has established Asset Information Requirements (AIR) outlining clear requirements and processes for handling transport asset information and data.

By setting the AIR foundation, DTP can ensure a common understanding and coherence in the way asset data is formatted and communicated across our transport supply chain.

View VTDE's introduction to AIR [here](#).



Asset Information Handover

What is AIR?

AIR defines structured requirements by setting consistent language and processes around asset data handover, and will ensure understanding and compliance by the people who design, build, operate, maintain and own Victorian Transport assets.

The AIR guidelines detail the classification, categorisation and hierarchy of transport asset information. This includes specifying the essential metadata associated with each asset, such as its definition, classification, location, hierarchy, condition and usage history.

What are the benefits of AIR?

The Victorian Transport network is increasing in size and complexity. As the State's transport asset owner, DTP required a modern solution to future-proof the management of the vast physical assets that make up Victoria's transport system.

AIR is crucial to ensuring that transport assets function efficiently, safely and sustainably throughout their entire lifecycle – from planning and design, through to delivery, operations and maintenance.

AIR not only enhances the accessibility of information but also facilitates seamless collaboration between stakeholders involved in the transport asset lifecycle.

What is the AIR documentation suite?

The AIR documentation suite provides industry with a clear outline of DTP's requirements and the methodology to structure asset information using the AIR asset breakdown structure, and the lowest maintainable item definitions. The suite consists of the following:

- [AIR Document](#)
- [Structured Data Requirements / Data Dictionary](#)
- [Unstructured Requirements](#)
- [UniClass Master Classification Lists](#)
- [AIR User Guide](#)

What are the next steps for AIR?

VTDE is supporting AIR through a Hypercare rollout period as it is piloted and gradually adopted by industry. The next step is to progressively implement AIR into new construction and operations and maintenance contracts. Currently the change process is managed by the VTDE program team however this will evolve as AIR moves towards BAU in late 2025. AIR will then be managed by DTP's Asset Intelligence Branch.

View VTDE's implementation of AIR [here](#).

Keep in touch with VTDE

Transport colleagues can contact the VTDE team via email at VTDE@transport.vic.gov.au and sign-up to VTDE news, information and events [here](#) or via the QR code:

