

ARC Training Centre for Transforming Maintenance through Data Science



Australian Government
Australian Research Council



Data Science
Transforming
Maintenance

The Centre is a partnership that uses data science to transform maintenance and its workforce.

The Centre will do this by eliminating manual, repetitive transactional work; developing models to enable people to make better complex decisions; providing standardized training for industry to improve maintenance productivity; and building an ongoing maintenance capability in our research institutions and industry.



THE UNIVERSITY OF
WESTERN
AUSTRALIA



Alcoa

BHP



Research Themes

The Centre will focus on the three key roles in a new digitally-driven maintenance management system.

Theme 1: Support the Maintainer

Theme 2: Support the Engineer

Theme 3: Support the Manager

Translation Themes

These themes are vital as a mechanism to translate the outputs of the research themes into the workplaces of our Partner Organisations and to enable maintenance data science and technology service providers

Theme 4: Support the Organisation

Theme 5: Generic Software Architecture