

Digital operations

A new WAY to capitalise on the technological legacy of the resources boom through application to other sectors

The vision

Leverage our capability in digital and remote operations in the resources sector to develop and commercialise the core IP for other industries including transport, manufacturing and agriculture.

The size and relative isolation of WA

creates the perfect environment for testing and development of new digital technologies in agriculture and road transport

WA can become a

global centre of excellence

for remote and autonomous skills development

The time is now

Globally:

The world is embracing digital technologies – making road networks safer, mine sites more productive, farmland higher yielding, and deliveries faster

Locally:

WA is a global leader in automation and digital operations, with the technical expertise and track record in the resources sector to deploy technology at scale across multiple sectors

Up to **40%**

possible improvement in productivity of capital assets through remote and autonomous operations

7x increase in data sensors

The number of delivered sensors has increased from 4 billion in 2012 to more than 30 billion in 2016

 **World's 1st**

fully autonomous, long distance, heavy-haul rail network in AutoHaul

Artificial intelligence

implemented in crusher and haulage fleet at BHP's Mining Area C to reduce queuing and idle time

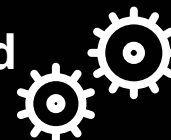
11% reduction in workplace injuries

by 2030 as dangerous manual tasks are automated

Revolutionised supply chain logistics

Innovation in digital operations will challenge and disrupt supply chain and logistics as we currently understand it

Digitally skilled labour force



The legacy of innovation from the mining boom has left WA with a highly skilled, digitally literate workforce

Remote geography

The expansive nature of our state has allowed us to become experts at hands-off operations and asset management