













Existing Compute Environment

- Cooling at maximum capacity
- Power distribution approaching maximum capacity
- Structure capability of floor unable to support high density racking
- Structural problems with the building
- Zinc whiskers on raised floor tiles

Decision influenced by

- Project budget
- Project Timelines
- Alignment with strategy
- Flexibility of chosen solution
- Expansion capability
- Build model
- Innovative solution
- Leading edge technology



Advantages of Strategy

- Continued operation while awaiting decision on Springfield building
- Greater resilience with spread of infrastructure between campuses
- MDC investment recoupable
- Higher density Data Centre footprint
- Repurpose E114 to open plan office
- Investment able to be capitalised
- Minimal disruption to services during transition

Expected Benefits

- Efficiency savings
 - Power (PUE < 1.4)
 - Free cooling
- USQ carbon neutral by 2020
- High availability
- Physical footprint
- High density racking 25KW capacity
- In rack fire suppression
- Repurposing (shed and Data Centre)



























