

Over The Horizon - a Response from the IoT cluster in SIT, SEBE

What do we say here?

What is our view of the future of IoT?

IoT in 2025? IoT in 2030?

Area of Impact: *the broad area of impact and whether it is a fundamental question or translational or commercial or a combination.*

Question(s): *what is the question or questions that are going to shape this area?* They need to be specific enough to focus on where Deakin could be contributing without being too narrow (e.g. finding a cure for cancer is too broad, whereas developing a new class of light weight high strength steels for the automotive industry could be appropriate). In this process we need to think outside the box of what we do and what is our current skill base (see below sections on capacity and gap analysis).

Importance: *can we rank the impact of answering these questions?* This should be “extremely high”, “high” or “medium” - we don’t want to chase questions of low importance and even moderate needs to be questioned. *Brief justification for the ranking should be provided.*

Our capacity as of now: *rank our capacity as: High (we have all the skills and tools), Medium (we have most of them and with development of staff can probably get there) and Low (this is a really hot topic but we have only limited capacity at present).*

Gap analysis: *particularly for medium and low capacity how could we get there? Is it new skill sets, equipment, developing partnerships with other universities or industry or government etc.? Be specific about what is needed as we may find that we can fill some of the gaps from elsewhere in Deakin. We also need to consider who else will be working in the field to identify potential partners and/or competitors, what will be our point of difference?*