

## How to Effectively Adopt AI in Disability Care Organisations

**A briefing for CEOs, executives and boards on how to better manage the adoption of AI in the disability care sector, where a key step involves becoming an 'AI ready' organisation.**

Duration: 2 hours

Cost: Contact us

Accelerating developments in Artificial Intelligence (AI) technology will have profound implications for disability care providers, including the client experience, support worker jobs, business performance; even the entire sector.

Already many businesses across the globe are adopting AI to improve productivity, efficiency, quality, and accuracy, as well as reducing human errors and injuries. It's transforming businesses and creating new business models to such an extent that we are now in an era known as the Fourth Industrial Revolution or Industry 4.0. In this era, we'll witness:

- AI coming to every business sector and affecting every job
- AI development advancing so quickly it can't be ignored
- AI organisations gaining such a significant competitive advantage they'll leave their slow-moving rivals behind, and
- AI continuing to amplify business uncertainty.

In the context of this rapidly changing environment, disability care provider executive teams and boards should by now be updating their strategic goals to include plans to adopt AI.

However, commencing an AI journey can feel overwhelming and many business leaders will need to see the benefits before they invest in it. To address these concerns, we are conducting briefings to introduce participants to a step-by-step program to better control and manage the adoption of AI.

The briefing will enable key disability care personnel to become familiar with Industry 4.0 and its benefits and have a basic understanding of how to adopt AI in a manageable way, avoiding unnecessary business disruption.

An important step to effectively adopt AI requires an organisation to become 'AI ready', which can be attained by completing our tailored one-day training program. It provides leaders with a basic working knowledge of AI technology for the disability care sector and the organisational conditions required to adopt this technology while operating in a challenging and uncertain environment.

From this position the executive leadership team and the board will be able to develop informed strategic goals and action plans to effectively adopt AI across their business and ecosystem.

The content of this one-day training program will be discussed at length during the briefing. The content centres on: -

- AI and the different categories of digital technology that are typically referred to as AI capabilities
- The 9 pillars of Industry 4.0 and why they underpin the creation of smart businesses and smart ecosystems
- Adaptive agile ways of working to maximise the benefits of AI technology

Participants will also be introduced to AI technology examples that improve productivity, safety and wellbeing. They include:

Biomedical sensors that can indicate the level of client and employee wellbeing. During the briefing participants will be shown how a wearable sensor watch, which has been adopted by a large Melbourne-based teaching hospital, is being used for the early detection of strokes and epileptic seizures. This sensor watch platform can also be deployed to:

- Uncover diseases such as pneumonia
- Understand pathological conditions leading to falls
- Identify clients with sleep disordered breathing (SDB) to prevent cardiovascular disease
- Understand levels of anxiety and depression
- Establish smart homes to continually monitor resident safety and general wellbeing

The disability care benefits afforded by AI will also be explored during the briefing. Benefits, such as the following will be discussed:

- Being able to monitor in real time a client's changing care and medication needs
- Sending alerts when a client's wellbeing is deteriorating, reducing avoidable incidents
- Making it easier for people with a disability to live independently or semi-independently for longer without risking their safety
- Providing a triage service to prioritise care

Other topics discussed during the briefing to effectively manage the adoption of AI include:

- Conducting standalone AI trials
- Data required for predictive analytics
- End-to-end AI transformations
- The organisational design principle that will motivate staff to adopt AI
- On-the-job AI training and career paths
- Enterprise agreements
- AI governance, risks and ethics

On completion of this briefing session participants will be aware of Industry 4.0 and its benefits and the importance of becoming an 'AI ready' organisation, which will enable the executive leadership team and board to develop strategic plans to effectively adopt AI in a manageable way.

#### Presenters

Peter Aughton is a Director of AMERIN P/L, a company that helps organisations create the conditions for continuous adaption while facing rapidly changing, uncertain environments. He is also a founding partner of Codaption, a consortium established to help organisations adopt AI for Industry 4.0.

Professor Marimuthu Palaniswami (Palani) is from the Department of Electrical and Electronic Engineering, University of Melbourne. He is a Fellow of the Institute of Electrical and Electronic Engineering (IEEE) and an internationally recognised expert in Internet of Things (IoT), Sensor Networks, Automated Learning, and Computational Intelligence in large-scale complex systems. He is also a Codaption founding member.

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