

FOR RELEASE
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AIIA Awards showcases outstanding Australian technology innovations in South Australia and Northern Territory

Australia's peak industry representative body for innovation technology, the Australian Information Industry Association (AIIA) is proud to announce the South Australian (SA) and Northern Territory (NT) winners of the 2020 iAwards. The awards unearth, recognise and reward excellence in Australian innovation.

The iAwards are Australia's longest running and most broadly scoped innovation recognition program, promoting excellence in the Australian digital technology ecosystem.

Now in its 27th year, the iAwards 2020 SA/NT event, which recognised entrants from South Australia and the Northern Territory, took place on 15 October at its first ever fully virtual award ceremony. The process for the iAwards changed significantly in 2020, with entrants submitting a three-minute pitch along with their submission, for what was called "The BIGGEST Pitch". They demonstrated the incredible ways that businesses, government departments, startups and not-for-profit organisations have adapted to a COVID-19 world.

AIIA CEO, Ron Gauci, said: "The calibre of entrants we saw this year was astonishing. We are proud to recognise all our entrants, and in particular, the winners as they are a demonstration of companies who are making a difference in the world and have the potential to create positive change for the community – whether this be at home, in the office or on a global scale. The competition once again, has showcased the innovation technology talent Australia has to offer. With entrants of this calibre, the Australian economy has a bright future.

"Australians have faced many challenges in 2020 but with that comes the opportunity for more innovation and digital transformation as it paves the way to Australia's economic recovery. There is a need for strong domestic skills and an innovation ecosystem which will allow Australia to compete more competitively on the global scale. Combined with the investments in digital infrastructure and capability and the changes made to R&DTI by the Commonwealth Government in its budget recently, there is a real opportunity right now for innovators in this country. We believe our winners are reflective of what Australia has to offer to the world," Mr Gauci said.

The SA and NT iAwards are presented in six categories to showcase the breadth of innovation and technology across multiple sectors.

The SA and NT AIIA iAwards winners for 2020 by Category are:

- **Technology Platforms** - [Tekuma](#), an innovation that uses the Tekuma orb force-based sensors to register small amounts of force from the user to replace the use of multiple joysticks.
- **Government** - [amica](#) which helps couples who are separating to make parenting arrangements if they have children, and divide their money and property simply.

- **Education** - Move2NewCity is a web and mobile platform which co-creates settlement knowledge in a single place to enable a social dialogue
- **NFP** - [HealthLAB Time Machine](#) which shows youth how they would age with a healthy lifestyle compared to how they would age with smoking, excessive alcohol or unhealthy eating.
- **Start-Ups** - [Goldilocks](#) which tracks an infant's wellbeing via a smart singlet, the singlet automatically tracks how well your baby is; sleeping, feeding, breathing, comfort (hot/cold) and development goals.
- **Industry Solutions** - [Matilda Smart Transit Hub](#) which is designed to increase accessibility for passengers with mobility, vision, hearing and cognitive impairments, Matilda gives users the confidence and independence to use public transport.

Details on each of our winners can be found below.

All SA and NT Winners will now compete for the coveted National iAwards title which will be announced at the Gala virtual event on 17 November. The AIIA iAwards are supported by the New South Wales Government, NBN Co, Dell, ServiceNow, Civica and The University of Queensland. The AIIA thanks them for their commitment to supporting the tech sector.

AIIA is a not-for-profit organisation aimed at supporting and advocating for Australia's future social and economic prosperity through technology innovation.

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AIIA SA and NT iAwards - About the Winners

Technology Platforms Category Winner - Tekuma

Devices have become increasingly complex yet the joysticks we use date back to WWI, this mental load on users takes months of training and expertise. The Tekuma orb has seen school students go from taking a whole term to learn to drive their multi-directional wheeled robots to just a single afternoon with our technology.

The Tekuma orb uses force-based sensors to register small amounts of force from the user pushing and pulling the orb in six-degrees, translating that force to the device the user is controlling - meaning, you pull the orb up, rover goes up, you twist the orb, rover rotates, push the orb right and the rover will strafe to the right, tilt the orb right and the rover will then

roll to the right etc. It is universal, allowing it to plug and play with Windows, Android, Mac, Linux and other USB standard compatible systems. It is physically robust meaning it can be thrown into a bag or pocket without a case and can withstand being taken to multiple job sites.

Government Category Winner - amica (www.amica.gov.au)

amica helps couples who are separating to make parenting arrangements if they have children and need to divide their money and property simply.

amica empowers people to resolve their own disputes by providing them relevant information in a way that is easy to understand and guiding them through the process in a step by step manner. amica uses artificial intelligence to make suggestions about dividing money and property based on the information that is entered. The AI considers legal principles and applies them to the specific circumstances. If both partners agree with the division suggested by amica, there is flexibility to work out issues by the parties and not to involve lawyers.

amica will significantly reduce the pressure on the courts and reduce the stress and cost of separation. National Legal Aid believes amica is the future of online dispute resolution and could help thousands of Australians every year.

Education Category Winner - Move2NewCity

Move2NewCity is a web and mobile platform which co-creates settlement knowledge in a single place to enable a social dialogue. This innovative collaboration platform ensures those who move to a new city are supported by locals to ensure a smooth settlement. It is a central knowledge base with digital content tailored for a city with structured information on education, employment, housing and recreational activities as well information from councils, educational institutes, businesses and other city organisations.

Moving to a new city may create a lot of stress for anybody. Adding to this stress are the barriers involved in moving to a new city; fear of the unknown, unfamiliarity with the moving process, concerns of making new friends and familiarising with the new city. While positive thinking can help to overcome these barriers, researching the new city and seeking out new experiences in the new city, learning from people who have been through the same experience in the new city can be of immense help.

Not-For-Profit Category Winner - HealthLAB Time Machine

Chronic diseases account for 90 per cent of all deaths in Australia. The major contributors are smoking, poor nutrition, alcohol misuse and physical inactivity. These are all lifestyle choices that can be avoided. Educating youth about making healthy lifestyle choices is key to this, however youth are notoriously difficult to engage in health conversations. Working across vast distances in remote and regional Northern Territory across a number of cultures and languages, and differing levels of English literacy adds to the challenge.

The solution is the Time Machine which shows youth how they would age with a healthy lifestyle compared to how they would age with smoking, excessive alcohol or unhealthy

eating. It shows the impacts of these unhealthy lifestyle choices through three phases of life. The visual impacts are striking and for those who want a deeper understanding; there is a concise explanation such: “after years of drinking alcohol, you’ll see broken blood vessels on your face as your body gets sicker”. This then follows to a final page which has a strengths-based positive message that focuses on the health benefits that can be achieved now by making lifestyle changes today.

Start-Ups Category Winner - Goldilocks

Goldilocks tracks an infant’s wellbeing via a smart singlet, the singlet automatically tracks how well your baby is; sleeping, feeding, breathing, comfort (hot/cold) and development goals. This information is communicated to an app and it uses machine learning algorithms to give parents the insights needed to understand the well-being and temperament of their infant. It also can be shared with a carer to help them coach and navigate you through the intricacies of your baby.

Goldilocks is designed for all parents that have some uncertainty which is causing them to stress about their baby. The main beneficiaries are those who don’t have a good support network. This could include; single parents, parents who live rurally, parents in social isolation, grandparents who have to look after babies and parents with a history of anxiety.

Industry Solutions Category Winner - Matilda

Equipped with smart technology, Matilda is key enabling infrastructure for transport services to be safer, more accessible and flexible. Passengers can talk directly to Matilda via cognitive voice assistance and ask questions, such as “Where can I get a coffee nearby?” or “When will the next bus be here?” and get a response immediately. Matilda communicates in real-time with passengers, vehicles, online and city transport systems.

Matilda also provides a connection to local businesses nearby. Designed to increase accessibility for passengers with mobility, vision, hearing and cognitive impairments, Matilda gives users the confidence and independence to use public transport. Matilda caters for passengers based on their individual abilities, making each visit simple and unique.

About AIIA

The Australian Information Industry Association (AIIA) is Australia’s peak representative body and advocacy group for those in the digital ecosystem. Since 1978 AIIA has pursued activities to stimulate and grow the digital ecosystem, to create a favourable business environment for members and to contribute to Australia’s economic prosperity. We do this by delivering outstanding member value by providing a strong voice of influence; building a sense of community through events and education; enabling a network for collaboration and inspiration; and developing compelling content and relevant and interesting information.