



Media Release

AIIA NSW iAwards showcase outstanding Australian innovation

New South Wales, Australia – 31 May 2019 -- The Australian Information Industry Association (AIIA), the nation's peak industry body for the technology sector, last night announced the NSW iAwards winners for 2019. AIIA's iAwards, now in its 26th year, is Australia's leading awards and recognition program that brings homegrown innovations to the world stage.

Awards were presented in categories comprising Business Service Markets, Public Sector & Government, Research & Development Project of the Year, Infrastructure & Platforms Project of the Year, Startup of the Year and the Data Insights Innovation of the Year.

The gala event, held last night at the Sofitel Sydney Darling Harbour, was attended by The Hon. Victor Dominello MP, NSW Minister for Customer Service, NSW Government. "The annual AIIA iAwards are held in very high esteem across the technology and ICT sector. The NSW Government is a proud ongoing supporter of these awards," said Mr Dominello.

"The iAwards are a key driver of innovation and new ideas in NSW and provide due recognition for those who are leaders in their field. The advent of a public sector innovation award has sparked plenty of healthy competition in recent years among the many innovators and technology experts within government," said Mr Dominello.

AIIA CEO Ron Gauci said the innovation showcased by the 2019 finalists builds on the incredible success of last year's iAwards, creating further momentum for the Australian technology sector.

"AIIA would like to congratulate the winners and merit recipients of the 2019 NSW iAwards.

"For 26 years the iAwards has recognised, celebrated and elevated those at the forefront of Australian innovation. This year, we're once again proud to provide a platform for, and encouragement to people in our community who dedicate their time and energy to develop technological ideas that can make a real difference at home, in the office or on a global scale.

"We continue to be inspired by Australian innovators, whether they're in startups, the public sector, community services, primary school, academia, or private enterprise. The outstanding work of the 2019 finalists adds to the growing momentum in Australian innovation, which will create positive change for the community, and play an important part in shaping and growing Australia's modern economy," he said.

Winners and merit recipients across all categories will go on to represent NSW and compete at the National iAwards. National winners will be announced on 29 August 2019 at the prestigious AIIA 2019 iAwards Gala Dinner and Awards Ceremony, held in Melbourne, which will be

attended by startups, innovators, investors, business and community leaders, and federal and state politicians.

The NSW iAwards winners and merit recipients are:

Junior Students:

- Winner – Talk to my Hand – My Bucket’s Full, Munday Family Home School
- Merit – Kidtasker, Bondi Beach Public School & Reddam House

Senior Students:

- Winner – Read to Write Virtual Reality App, NBSC Manly Campus

Undergraduate Students:

- Winner – Rotational Build DLP 3D Printer, University of Technology Sydney
- Merit – vloConnect, The University of Sydney

Consumer Markets:

- Winner – My Medic Watch, My Medic Watch
- Merit – Vorteil, Vorteili.io

Community Service Markets:

- Winner – Centro ASSIST for NDIS Service Providers, Holocentric T/A Centro ASSIST
- Merit – Patient Activity Tracker, Toukan Labs
- Merit – BindiMaps, BindiMaps

Business Service Markets:

- Winner – Spectrum-Scan™ LiDAR, Baraja
- Merit – AI Data Driven Underwriting Solution, OnePath & University of Technology Sydney
- Merit – Accurait® - CSIRO's Data61 & Leasing Information System (LeaseInfo)

Public Sector & Government:

- Winner – Autonomous Robot for Underwater Structure Cleaning, UTS & RMS
- Merit – Digital Driver Licence, Service NSW
- Merit – I Visit You (IVY), Family and Community Services

Research & Development Project of the Year:

- Winner – DeloitteASSIST, Deloitte
- Merit – Autonomous Robot for Underwater Structure Cleaning, UTS & RMS
- Merit – AI Data Driven Underwriting Solution, OnePath & University of Technology Sydney

Infrastructure & Platforms Innovation of the Year:

- Winner – N2N-DL IoT Data Platform, National Narrowband Network Co (NNNCo)
- Merit – Accurait®, CSIRO's Data61 & Leasing Information System (LeaseInfo)
- Merit – Search Platform, Sajari

Industrial & Primary Industries:

- Winner – A Wi-Fi HaLow Silicon Chip for IoT, Morse Micro
- Merit - N2N-DL IoT Data Platform, National Narrowband Network Co (NNNCo)
- Merit – CropConnect, GrainCorp

Startup of the Year:

- Winner – Sportility, Sportility
- Merit – A Wi-Fi HaLow Silicon Chip for IoT, Morse Micro
- Merit – BindiMaps, BindiMaps

Data Insights Innovation of the Year:

- Winner – Jalapeno: Business Model Workbench, Capsifi
- Merit – AI Data Driven Underwriting Solution, OnePath & University of Technology Sydney

Automation Technologies Innovation of the Year:

- Winner – Spectrum-Scan™ LiDAR, Baraja
- Merit – A Wi-Fi HaLow Silicon Chip for IoT, Morse Micro

AIIA's iAwards program is a critical platform demonstrating the impact that its members and the broader technology sector are driving to improve Australia's social and economic prosperity. In the age of the 'ideas boom' the impact of the technology sector that AIIA represents is more crucial to Australia's future than ever before.

The 2019 iAwards is proudly supported by National iAwards Program Partner and Inspiration iAward Sponsor The NSW Government, National Program Sponsors AuDA, The University of Queensland and NBN Co, Major PitchFest Sponsor CSIRO's Data 61 and Platinum table sponsor University of Technology.

The 2019 NSW iAwards Event Bronze table sponsors include NBN Co and Service Now. The NSW Major Education Partner is the University of Technology Sydney.

Descriptions of winner and merit recipient projects:**A Wi-Fi HaLow Silicon Chip for IoT, Morse Micro**

Targeting affordable, accessible treatment for 20 per cent of the population suffering from tinnitus. A digital platform designed and recommended by an ear, nose and throat specialist doctor. Delivering a customised narrowband sound via an individual's mobile device, which teaches the brain to ignore tinnitus thereby reducing its impact, resulting in better quality of life.

Accurait® - CSIRO's Data61 & Leasing Information System (LeaseInfo)

Accurait® is a unique artificial intelligence solution that enables businesses to rapidly extract detailed information from complex leasing documents. Big in scope and designed for simple use, Accurait® has immediate application across Australasian businesses, which are now forced to comply with stringent new accounting standards affecting the US \$3 trillion global commercial leasing sector.

AI Data Driven Underwriting Solution, OnePath & University of Technology Sydney

ANZ OnePath's artificially intelligent underwriting and risk engine solutions was designed to harness the power of big data and machine learning to truly transform the life insurance sector from heavily manual, lengthy underwriting processes-orientated business, to an automated real-time decision-making tool that provides an insurance outcome in seconds.

Autonomous Robot for Underwater Structure Cleaning, UTS & RMS

The autonomous underwater robot, developed by University of Technology Sydney and Roads and Maritime Services, provides a state-of-the-art innovative and practical solution to underwater structure maintenance and addresses the significant occupational health and safety issues associated with divers manually maintaining underwater structures using high-pressure waterjet and awkward posture in a shallow water environment with dangerous and non-predictable water currents.

BindiMaps, BindiMaps

BindiMaps provides easy, safe indoor navigation, first for people living with vision impairment, and then for everyone else. BindiMaps is committed to helping users find their way around increasingly large and complex indoor spaces such as shopping centres, educational institutions, hospitals, and other large complex buildings.

Centro ASSIST for NDIS Service Providers, Holocentric T/A Centro ASSIST

Centro ASSIST provides an innovative online platform for NDIS policies, processes and advice for disability service providers. The solution helps 17,000+ providers navigate NDIS registration complexities and audit stress. The policies and processes have been reimagined to be usable and simple, saving time and energy on meeting new NDIS compliance rules.

CropConnect, GrainCorp

Bringing together over 10,000 suppliers and 200 buyers, CropConnect enables trade and oversight of agricultural commodities for producers, consumers and service providers through an open, digital marketplace. Delivered via an intuitive interface across desktop and mobile, CropConnect has been built specifically to meet the needs and context of its target users.

DeloitteASSIST, Deloitte

Even in modern hospitals, the primary method through which a patient can request assistance from a nurse is a button and a bell that cannot distinguish between patient needs or provide reassurance. In a world first, Deloitte has deployed an artificial intelligence enabled patient communication solution, DeloitteASSIST.

Digital Driver Licence, Service NSW

The NSW Digital Driver Licence (DDL) is an optional, free, electronic version of the plastic card, available through the Service NSW mobile app. The DDL was designed to be used in the same way as the plastic card, with increased security and convenience. It forges a new way in digital-licensing.

I Visit You (IVY), Family and Community Services

NSW Family and Community Services (FACS), together with Telstra and Tigerspike, transformed the way FACS engage public housing tenants through the production of IVY. Eliminating administrative tasks with clever backend integration and human-centred-design, IVY enables staff to spend more time (about 77,000 hours annually) addressing the needs of social housing tenants.

Jalapeno: Business Model Workbench, Capsifi

Jalapeno is a cloud-based modelling platform for strategic planning and business transformation – from strategy through execution. Our dynamic, integrated business models establish contextual relationships between fragmented views of business innovation, transformation scope and program delivery. Our dynamic, role-based dashboards provide traceability, alignment and holistic insights, reducing risk and accelerating outcomes.

Kidtasker, Bondi Beach Public School & Reddam House

Kidtasker is a reminder app to help kids and students achieve their goals. By setting tasks, kids can take ownership over their own time – this could be anything like a reminder to do homework or get to band practice on time. It helps build confidence and time efficiency.

My Medic Watch, My Medic Watch

My Medic Watch provides software applications for smart watches that detect falls and seizures, and automatically alert caregivers. The software provides geolocation, alerts via the app and SMS, coordination of response from nominated caregivers, monitoring of data, and the option to share data with caregivers and medical personnel.

N2N-DL IoT Data Platform, National Narrowband Network Co (NNNCo)

N2N-DL is a middleware database platform that solves complexity, cost and risk barriers of IoT. It decodes, decrypts and delivers data from any device, source or network, and applies a common language that enables data to easily integrate into any customer system or analytics platform.

Patient Activity Tracker, Toukan Labs

The Patient Activity Tracker (PAT) assists clinicians to build a clearer picture of a cancer patient's health. It combines wearable technology with a mobile app to track their daily activity. Thus, capturing a rich dataset that is then used by clinicians to ensure these patients are given personalised and appropriate treatment.

Read to Write Virtual Reality App, NBSC Manly Campus

Read to Write Virtual Reality App is a mobile app that uses virtual reality to inspire students studying the year 11 English HSC syllabus Dystopia unit. The app was designed to be easily accessible and functions on student iOS and Android devices. The virtual environment is visualised using a Google Cardboard VR headset.

Rotational Build DLP 3D Printer, University of Technology Sydney

This world first 3D printer was designed to achieve spiral shaped prints on a rotating, tubular form, for industrial applications. The design proves a concept that allows 3D printing of spiral profiles containing converging layers (variable layer height) far more efficiently than using conventional print methods.

Search Platform, Sajari

Implementing quality search is highly complicated and costly. Sajari is a scalable search solution powered by machine learning that enables businesses to integrate Google-like search

into all of their owned digital experiences. It helps deliver highly relevant results to end-users, which leads to higher engagement and conversions.

Spectrum-Scan™ LiDAR, Baraja

LiDAR is a key sensor for self-driving vehicles, but is responsible for the 'science experiment' look of most autonomous cars on the road today. Baraja's innovative Spectrum-Scan™ LiDAR improves on every aspect of incumbent sensors, resulting in a high-performance, high-reliability system that can be realistically integrated in a vehicle.

Talk to my Hand – My Bucket's Full, Munday Family Home School

Talk to the Hand – My Bucket's Full is an app for people with sensory processing disorder. Designed to help people feel calm and regulated, it includes: Sensory Wake-Up, to alert the senses; Sensory Pit-Stop, to refocus; My Bucket, sense specific activities to help empty your bucket; and other sensory activities.

vloConnect, The University of Sydney

vloConnect enables early diagnostic and monitoring of lymphoedema for potential patients, streamlines the diagnostic process, and greatly reduces the waiting time for each appointment for existing patients by enabling remote diagnostics at the patients home.

Vorteil, Vorteili.io

Vorteil is a new operating system that expands on the unikernel concept of running applications without the bulky resource requirements and huge amount of time, effort and money needed to run traditional operating systems. It is small (less than 1MB), fast (boots in less than 40 milliseconds), and secure (no user space attack vector).

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About the AIIA's iAwards

AIIA's iAwards honours both companies at the cutting edge of technology innovation as well as leading professionals across the Economy. Most importantly, the iAwards recognises the achievements of home-grown Australian innovators. <http://www.iawards.com.au/>

Join the conversation

AIIA's iAwards get people talking about Innovation. Take advantage of the buzz by joining the conversation on Twitter with #iAwards, liking iAwards on Facebook and staying in touch with LinkedIn.

About the AIIA

The Australian Information Industry Association (AIIA) is Australia's peak representative body and advocacy group for those in the ecosystem. Since 1978, AIIA has pursued activities to stimulate and grow the ecosystem, to create a favourable business environment for members and to contribute to Australia's economic prosperity. AIIA does 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.

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