



InteliCare Holdings Ltd

ABN 84 622 484 397

ASX Code

ICR

Corporate Directory

Chief Executive Officer &
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Mr Jason Waller

Non-Exec Chairman

Mr Greg Leach

Non-Executive Director

Mr Branden Dekenah

Non-Executive Director &
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Mr Neil Hackett

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Mr Scott Taylor

Issued Shares

72,899,706

Unlisted Options

13,262,500

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W.A Government places Order with InteliCare to use New Radar Sensors

- Stage 1 Order placed by Department of Communities Justice Services Bennett Brook Disability Justice Centre in Western Australia.
- Order follows successful trial of new radar sensor.
- Radar technology tracks vitals such as heart rate, respiration, presence and level of activity, allowing central monitoring by centre staff, increasing productivity, increasing safety of residents and reducing risks to staff.
- Order involves initial \$50,000 upfront payment and opens avenue for further stage 2 orders. Radar Sensor integration unlocks significant new channels to market for InteliCare in home care, aged care/hospital care markets as well as custodial facilities.
- Demonstrates the value of InteliCare's 100% owned market leading proprietary open-architecture Internet of Things (IoT) platform, via the rapid testing and integration of emerging off-the-shelf (OTS) technology

InteliCare Holdings Ltd ("InteliCare" or the "Company") (ASX: ICR) an Australian technology company that has commercialised a predictive analytics hardware and software system for use in the aged care and health industries, is pleased to announce the successful integration of new radar sensor technology in a trial conducted in partnership with WA Department of Communities (DoC) Justice Services which has resulted in being awarded a follow-on order.

Background

This order is a continuation of an existing partnership with DoC. In early 2019, InteliCare conducted successful trials and commercial sales of its InteliCare Pro product in the Department of Communities Justice Services Bennett Brook Disability Justice Centre. These trials included the integration of a new bed sensor to complement the existing suite of passive sensors that form the base package for InteliCare products. The purpose of the bed sensor was to reduce risks to staff who had to manually check on sleeping residents, which also disrupted sleeping patterns. These sensors when coupled with the InteliCare Pro dashboard allowed central monitoring by centre staff, which increased productivity, increased safety of residents and reduced risks to staff.



New Technology Trial

Subsequently, IntelliCare identified an improved technology that utilises a radar sensor mounted on the ceiling. The radar sensor provides a more robust method of tracking and monitoring the residents during evening lockdown hours, as well as during time in the facility's main common room. It overcomes limitations of the bed-sensors including resident-interference and lack of monitoring if the resident isn't sleeping in the bed. In February 2020, DoC funded a paid trial for IntelliCare to investigate the validity, capability and integration of the radar sensor.

This trial was successful and, again, demonstrated the value of IntelliCare's proprietary open-architecture Internet of Things (IoT) platform in terms of allowing rapid testing and integration of emerging off-the-shelf (OTS) technology.

Follow-on Order

Subsequent to the successful trial, IntelliCare received a follow-on order with a value of approximately \$50,000 for Stage 1 of a two-stage implementation. In the first stage a limited number of Bennett Brook units will be fitted with the new radar technology. These ceiling hard-wired sensors will track vitals such as heart rate, respiration, presence and level of activity in both the bedroom and the unit's common room. The data from these new sensors along with alerting and notifications, will be customized for Bennett Brook needs, and integrated into the IntelliCare Pro dashboard and IntelliLiving mobile phone app.

The delivered solution will replicate the existing bed sensors capabilities as well as provide the foundation data storage and data management to enable the additional Stage 2 scope, related to installation of additional units coupled with intelligent, proactive alerting and data exports, that DoC has a non-binding option to procure.

Jason Waller, CEO IntelliCare commented:

"It's very encouraging to see IntelliCare receiving continued support from Government agencies, particularly in the disability sector. It reflects faith in our technology and the company's ability to execute. We are also very excited about the future potential of this type of radar technology and many other emerging sensors in a rapidly evolving market. The radar provides data on heart rate, respiration rate, and has future potential for fall detection. This successful radar integration represents a very exciting development in IntelliCare's remote monitoring capabilities across a range of industries."

Brett Hunt, Director Disability Justice Service at Department of Communities commented:

"The Department of Communities Justice Services is very pleased to continue building on our relationship with IntelliCare following another successful trial program. These new sensors coupled with the IntelliCare Pro dashboard materially increases the safety of our residents, who are some of the most vulnerable in our community, and our staff."

The Bennett Brook Disability Justice Centre

The centre accommodates and support some of the most vulnerable members of our community. It is home to people who have been deemed to be mentally impaired accused because of their disability. They have been accused but not convicted of a crime and have been deemed by a court as unfit to plead because of their disability. The disability justice centre is the State's first "declared place" and provides an appropriate and suitable option

to house people who do not belong in prison but need to learn behaviour that aligns with community standards. Residents do their own cooking, washing, cleaning and undertake recreational activities and programs to learn socially appropriate behaviours.

What is IntelliCare Pro?

IntelliCare Pro is a value-adding product for professional care organisations to gain a global view of all IntelliLiving users and derive greater insights and benefits. By combining IntelliLiving and IntelliCare Pro, providers can take their care to the next level.

IntelliLiving enables seniors and people with disability to live independently. It uses smart sensors (not cameras) to gather information about activity in the residence. The sophisticated system sends daily messages about conditions and activity within the residence by learning an individual's daily routine.

IntelliCare Pro's triage dashboard allows professional care organisations to quickly identify issues identified across multiple IntelliLiving-equipped residences simultaneously and prioritise care to reduce the risk of an emergency. At a glance, staff are easily able to see the number of alerts and the recommended response level.

What is the radar sensor?

IntelliCare has been investigating the commercialisation of Impulse Radio Ultra-Wideband (IR-UWB) technology as a suitable sensor for remote monitoring. A range of OTS systems have emerged onto the market recently that are suitable for integration with IntelliCare's proprietary IoT platform. IR-UWB sensors detect the macro as well as micro movement inside the human body due to its fine range resolution. Respiration rate and heart rate can be measured by IR-UWB radar by detecting the change in the magnitude of signal due to displacement caused by human lungs, heart during respiration and heart beating. The macro detection capabilities have utility for movement and fall detection. These systems have commercial application in home care, aged care and hospital care markets, as well as potential for custodial facilities.

By order of the IntelliCare board

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About IntelliCare Holdings Limited

IntelliCare is an Australian technology company that has commercialised a predictive analytics hardware and software system for use in the aged care and health industries. IntelliCare believes Australians deserve to age with dignity and through its business-to-business (B2B) and business-to-consumer (B2C) solutions built on its proprietary internet of things (IOT) platform utilising smart sensors and artificial intelligence (AI), IntelliCare aims to enable people to stay in their own homes for longer while empowering healthcare providers to deliver higher quality, more efficient services.