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ASX Release

JCT HEALTHCARE PRESENTATION

Xped Ltd (**ASX: XPE**) (“the company”) is in the process of completing its due diligence for the proposed acquisition of JCT Healthcare as per the announcement dated 19 April 2016. The company would like to confirm that the due diligence is progressing well and further updates will be made to the market in due course.

Xped Limited together with JCT Healthcare Pty Ltd is pleased to release the following JCT Healthcare Company Presentation.

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JCT Healthcare

*Delivering innovation
through IOT to the world*

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JCT TEAM



EDDIE JACKSON
MANAGING
DIRECTOR

As the managing director and owner of the Jackson Care Technologies group of companies Mr Eddie

Jackson has 16 years in the electronic and healthcare industry as proven and successful entrepreneur of innovative solutions. This has included winning state and national awards. In 2001 JCT won a national award first touchscreen software used by nurses for nurse call and messaging. As an electronic engineer by trade, a career in business with a passion for innovation Eddie has been the creative and driving force behind the success of the JCT group of companies.



DR NHIEM LU
HEAD OF EUROPEAN
& MIDDLE EAST

Dr Nhiem Lu completed his PhD in Information Systems at the University of South Australia in 2007 focusing on the

information access and dissemination for organic rural farmers in South Australia using mobile technology.

From 2008-2014 Nhiem was the head of Solution Forest, an innovative software development company which had been acquired by JCT in July 2014. He has been working with JCT since the acquisition and is heading JCT's expansion into the European and Middle Eastern Markets.



STEPHEN ALEXANDER
BDM DISABILITY
SERVICES

Stephen Alexander was awarded a Public Service Medal in 2014 for his outstanding public service for over more

than 30 years in the disability and aged care sector. Throughout his career Stephen has been at the forefront of service innovation.

Stephen has been a leader in the reform of four large institutions in South Australia and New South Wales. In recent years he has led the Younger Persons in Residential Aged Care Project, which enabled people with disability to move out of residential aged care into a community living arrangement of their choice.

JCT TEAM



DEEPAK ARJUNAN
SYSTEMS INTEGRATION
MANAGER

Deepak has more than 8 years of experience in hardware design, manufacture and testing of electronics

system for the Aerospace, Semiconductor and Telecommunication industry. He completed his Bachelor of Electronics and Communication Engineering Degree in 2006.

As JCT's Systems Integration Manager, Deepak ensures all 3rd party products which form part of the JCT product solution are fit for purpose, have longevity and seamlessly integrate with the JCT technology platform.



JOSEPH LEJOWA
R&D MANAGER

Joseph has Bachelor of Computer Systems Engineering and a Masters of Advanced Manufacturing Technology. Joseph is

head of JCT's R&D department and has the responsibility to ensure product development is delivered to specifications, required outcomes and within budget. Joseph has been with JCT since 2010.

ABOUT JCT

JCT has built a strong reputation for delivering State-of-the-Art innovative technology solutions that make a real difference to how staff communicate with each other and residents.

The company has been chosen by a number of leading healthcare organisations as their preferred technology partner.

JCT operates as a solution provider for its clients and ensures the technology solutions fit their needs.

JCT is the manufacturer of Assistive Technology and Nurse Call Systems to provide total control over the end to end solutions delivered.

Full engagement with clients ensures effective and streamlined delivery of care plans and improved organisational efficiencies.

Utilising existing technology, JCT has now positioned itself for growth in the global healthcare market and have established a strong professional and dedicated channel partner network in Australia and New Zealand and expansion plans established for Europe, Asia and North America.

JCT HISTORY

Continuous improvement and growth by acquisitions, has seen JCT lead and innovate with technology solutions for the healthcare industry.

IN 2002,

JCT Healthcare Pty Ltd was created with the vision to provide innovative and robust hardware and software solutions **to the Healthcare Industry**.

IN EARLY 2005,

JCT completed **acquisition of AEC systems** who developed large messaging systems for hospitals. This purchase would establish JCT as a premium provider of nurse call and large messaging solutions for the Healthcare Industry.

IN EARLY 2011,

The JCT board decided to embark on a 3 year R&D program that would eventuate in JCT releasing a **new range of nurse call and messaging based systems**.

IN JUNE 2014,

JCT completed acquisition of software development company **'Solution Forest'** to further strengthen its ability to adapt and add new features to its web based messaging software as the need arises.

JCT CAPABILITIES

Continual investment in product development and R&D ensures JCT stays ahead of the game.

RESEARCH & DEVELOPMENT

JCT's R&D is highly influenced by close working relationship with their customers and channel partners to offer new and exciting developments that have been recognised as world class leading solutions.

CHANNEL PARTNERS

JCT understand that customers need choice on who services them. All of their channel partners sign up to a quality of installation and service agreement that ties them to service costs, quality and service delivery times.

CALL CENTRE

The Customer service call centre being implemented offers a 24 hour single point of contact where service calls are registered, local service staff despatched and cases closely monitored.

STRATEGIC PARTNERS INCLUDE:



Telstra



Westpac



Queensland
Government

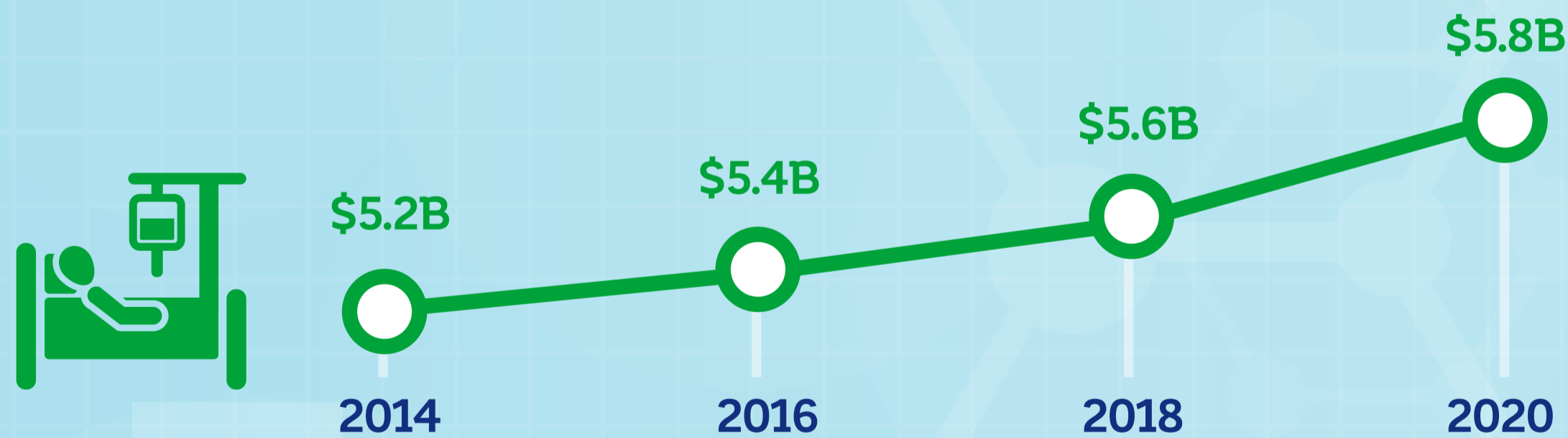
BAE SYSTEMS

TARGET MARKETS

HOSPITALS WORLDWIDE ¹

The global hospital beds market was worth \$5.2 Billion in 2014 and it is expected to grow at a Compound Annual Growth Rate (CAGR) of 4.5% during 2015-2020.

The market is growing with high growth rate due to several factors such as growing aging population, rising healthcare expenditure, increasing prevalence of chronic diseases and technological advancements in hospital beds.



INDEPENDENT LIVING ²

The personal emergency response system market is estimated to reach USD \$7.62 Billion by 2020, at a CAGR of 6.0% between 2015 and 2020. It has been estimated that the landline PERS would hold a large share of the personal

emergency response system market. The market for landline PERS is expected to reach USD \$4.41 Billion by 2020.

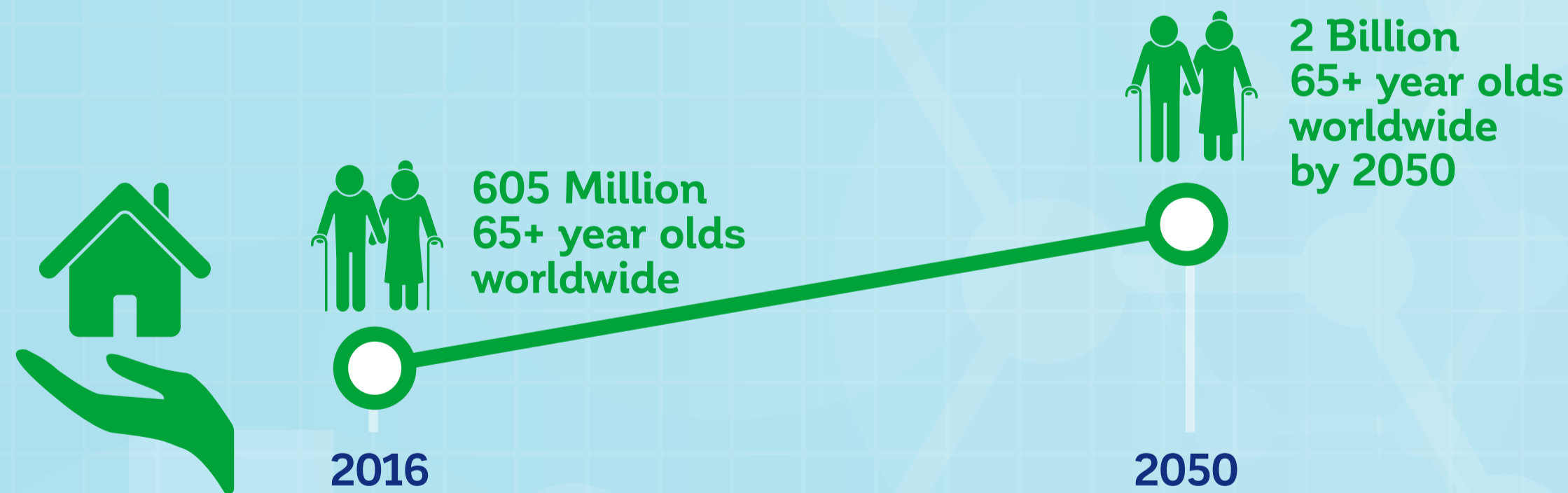


TARGET MARKETS

HOME CARE ³

Home healthcare promises lucrative business opportunities due to increased acceptance of home healthcare, technological advancements and cost-effective alternatives compared to other modalities.

According to the World Health Organization, the number of people aged 65+ is expected to increase from 605 Million to 2 Billion by 2050.



AGED CARE ⁴

The number of aged care beds required from 2014 until 2024 is 41% increase in Australia alone. That's over six new 100-bed aged care homes each month for the next decade.

Global Elderly Care Services Market to Reach US\$850 Billion by 2019 on Account of Rapid Rise in Elderly Population.



JCT CLIENTS



Government
of South Australia
SA Health



In excess
of 300+
Clients



HOW LARGE IS THE HEALTHCARE MARKET?

GLOBAL INTERNET OF THINGS (IOT) HEALTHCARE MARKET SIZE, SHARE, DEVELOPMENT, GROWTH AND DEMAND FORECAST TO 2020 ⁵

The global IoT in healthcare market accounted for revenue of \$24 Billion in 2014, and it is expected to grow with a CAGR of 37.6% during 2015 - 2020. Among the various components, the medical device segment dominated, with 44.1% share in 2014, the global IoT in healthcare market. The global IoT in healthcare market is growing at a significant growth rate, due to increasing demand for advanced healthcare information system, and growing

prevalence of chronic and lifestyle associated diseases. The IoT applications in healthcare, such as telemedicine, medication management, clinical operations and workflow management, inpatient monitoring, helps in compiling services related to diagnosis, treatment, care, and rehabilitation. They improve communication between patients and healthcare providers, in order to reduce medication errors, and provide better coordinated care.

IOT HEALTHCARE MARKET WORTH 163.24 BILLION USD BY 2020 ⁶

The global IoT in healthcare market is expected to grow from USD 32.47 Billion in 2015 to USD 163.24 Billion by 2020, at a Compound Annual Growth Rate (CAGR) of 38.1% during the forecast period. In the current scenario, North America is expected to be the largest market on the basis of market size and technological advancements.

NURSE CALL SOLUTION

JCT's vision is to provide innovative and robust hardware and software solutions to the Healthcare Industry.

WIRELESS 1000

Wireless1000 is a site wide fully supervised radio system that can either be used as a complementary system to the hardwired Digi3000 and PoE4000 nurse call systems or used by itself as a radio nurse call system. The radio transmitters include Fall sensors, Wrist transmitters, Radio call points and Underphones.

DIGI3000

Digi3000 provides customers with a low cost highly featured non talkback nurse call system.

POE4000

PoE4000 is what we believe to be the world's first "Real IP" Nurse call system that is powered through PoE switches.

NUCAMS

A web based messaging software together with JCT's Global based server software allows for up to 300 individual facilities to be connected and managed through one portal. This is a great benefit to larger organisations that want central management of their assets.

NUCAMS - MESSAGING SOFTWARE

NuCAMS is JCT's unified messaging software which provides a fast, reliable and robust messaging environment for all care and communication needs.

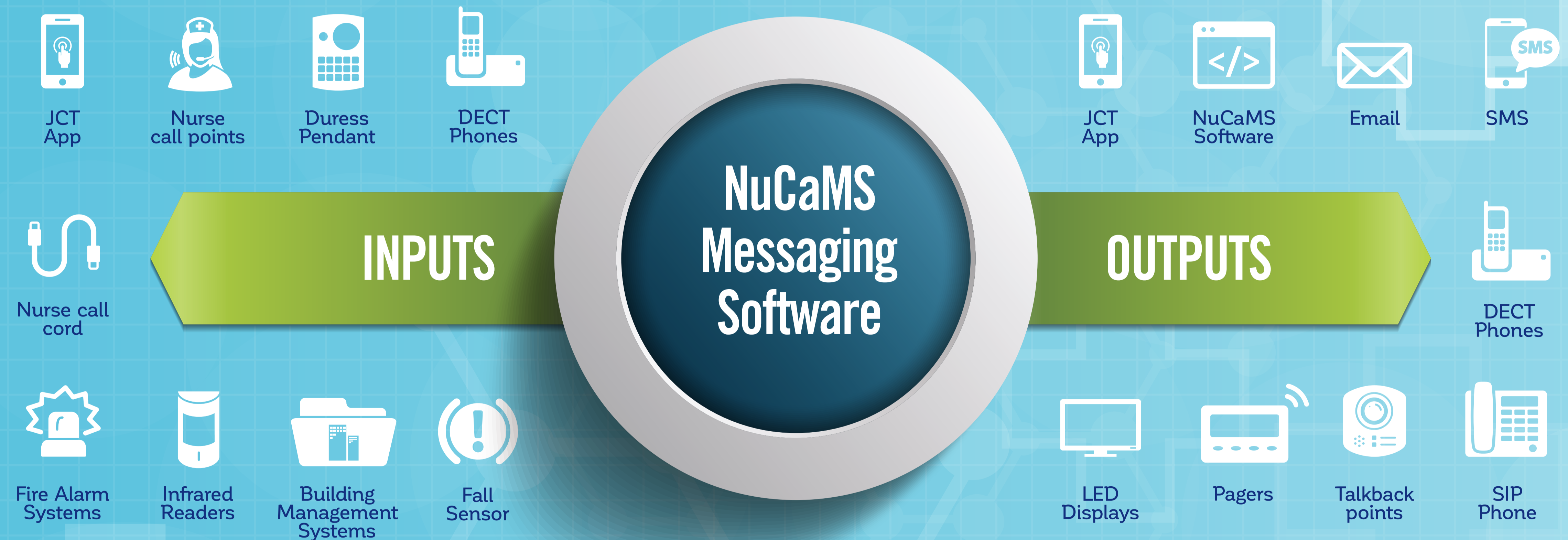
The software supports all three JCT's Nurse Call product ranges (PoE 4000, Digi3000 and Wireless1000) as well as a wide range of Inputs and Outputs including DECT Phones, SMS, Email, Duress Pendants, Fire Alarms, Security and Access Control Systems amongst others.

- > Scalable, secure and reliable system
- > Independent network
- > Easy maintenance and updates
- > Fully customisable
- > User-configured access
- > Workflow integration
- > Escalation and status processing
- > Web and Mobile Web Fast Paging
- > Extensible messaging capabilities

- > Web-based and lightweight
- > Assignment Manager
- > Integrated messaging
- > Ease of use
- > SIP capable
- > Intelligent workflows
- > Quality reporting
- > Auditing capabilities
- > Alarm filtering
- > 24/7/365 support available

NUCAMS - MESSAGING SOFTWARE

NUCAMS WAS DEVELOPED TO BE USED AS A STAND ALONE MESSAGING SYSTEM FOR EACH SITE AS WELL AS TO COMMUNICATE WITH JCT'S GLOBAL SERVER SOFTWARE WHICH ALLOWS IT OR AREA MANAGERS TO OVERSEE UP TO 300 SITES THROUGH A REMOTE SECURE ACCESS.

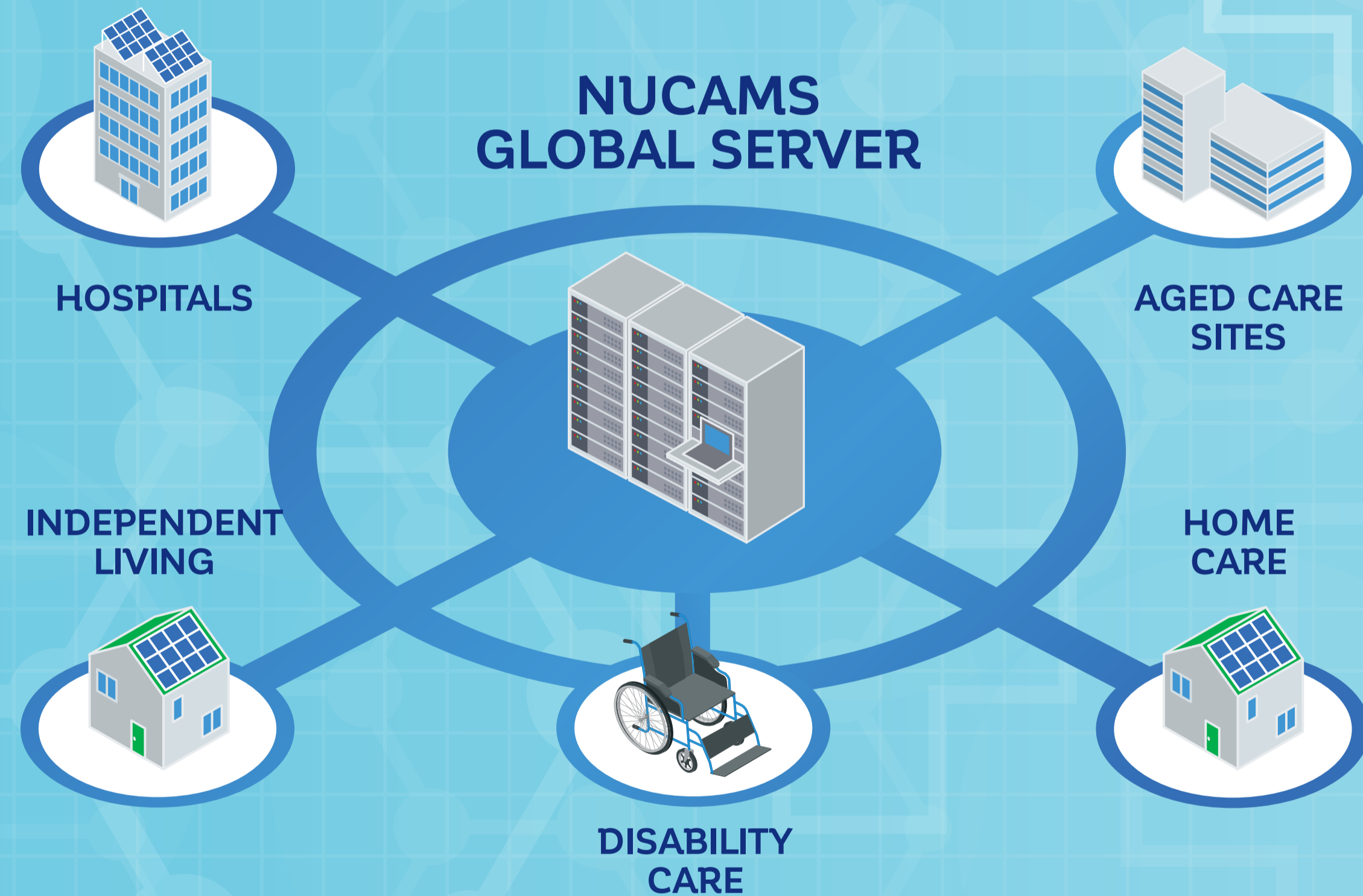


GLOBAL MONITORING SOLUTION

NuCaMs elevates the traditional messaging functions through the integration of workflows which can be customised for each resident.

The workflows can actively and passively monitor residents and send alerts out in cases such as:

- > A resident gets out of bed
- > No movement in the bathroom
- > Left the building
- > Sleep patterns during night
- > Monitor and manage up to 300 Aged Care sites
- > Actively and passively monitor residents and send out alerts
- > Staff and family have an additional level of security and confidence

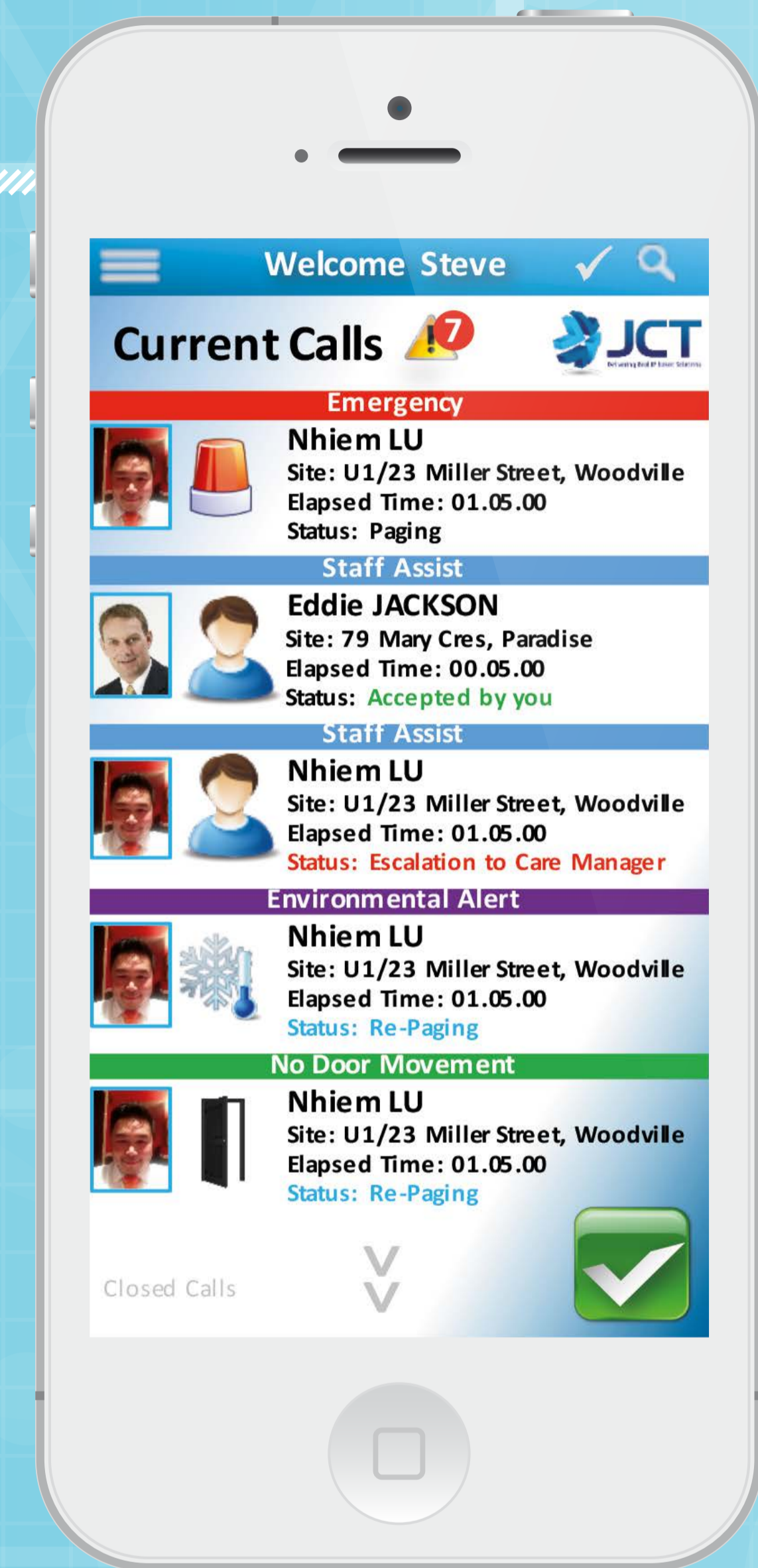


SMART SUPPORT APP

JCT has developed a smartphone app for care staff.

FEATURES:

- > Receive, accept and resolve alerts
- > Speak to residents through JCT's PoE4000 Talkback Points
- > Send Fast Pages
- > Access resident Information
- > Send out Duress Alert
- > Logon to your shift via app using unique and secure PIN code
- > Get daily work schedule
- > Receive Alert Calls from multiple clients remotely
- > Acknowledge or accept Alert Calls
- > Receive or transfer clients on the fly from or to other staff
- > Access client information, past client events, support plans
- > Speak to clients on the phone via voice or video
- > Lock down client's home in an emergency
- > Turn off lights, gas, water or power remotely
- > Talk directly with other staff on shift.



SMART SUPPORT LIVING

Home Automation

Smart Sensors

Assist

Predictive Monitoring



SOURCE: According to the World Health Organization (WHO), the number of people aged 65 years+ expected to increase from 605 Million to 2 Billion by 2050.³

COMPETITOR ANALYSIS - NURSE CALL SYSTEMS

COMPANY NAME	HOSPITALS	AGED CARE	INDEPENDENT LIVING	HOME CARE	DISABILITY CARE
JCT HEALTHCARE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AUSTCO	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
RAULANDS-BORG USA	<input checked="" type="checkbox"/>				

RECENT INDUSTRY ACQUISITIONS

CPSI ACQUIRES EHR PROVIDER HEALTHLAND FOR USD \$250M

In a deal that will impact rural and community hospitals, Mobile, Ala.-based Computer Programs and Systems, Inc. (CPSI) announced that it would acquire Healthland Holding Inc. and its affiliates for \$250 Million. CPSI is a provider of healthcare information solutions tailored to rural and community hospitals, while Healthland provides electronic health records (EHRs) and clinical information management solutions to more than 350 hospital customers.

[Read more](#)

QUALITY SYSTEMS ACQUIRES HEALTHFUSION FOR USD \$165M

Quality Systems, Inc. is building on its ambulatory-focused strategy with its recent acquisition of HealthFusion, a developer of cloud-based EHRs for physician practices. Quality Systems, which less than two weeks ago sold off its NextGen Healthcare Hospital Solutions Division, announced Oct. 30 that it would acquire HealthFusion Holdings, Inc. for \$165 Million – with a potential additional contingency of up to \$25 Million.

[Read more](#)

NOKIA PLANS TO ACQUIRE WITHINGS FOR USD \$191M

Nokia announced that it is planning to buy French electronics company Withings for €170 Million (\$191 Million) in cash in order to expand its presence in the digital health industry. The planned acquisition is expected to add Withings' portfolio of fitness and other wearable devices into Nokia's division for advanced technologies.

[Read more](#)

SOURCES

1. Target Markets - Hospitals

<http://www.reportlinker.com/p03605402-summary/Global-Hospital-Beds-Market-Size-Share-Development-Growth-and-Demand-Forecast-to-Industry-Insights-by-Type-General-Beds-Birthing-Beds-Pediatric-Beds-Bariatric-Beds-Pressure-Relief-Beds-by-Treatment-Acute-Care-Beds-Critical-Care-Beds-Lo.html>

2. Target Markets - Independent Living

<http://www.marketsandmarkets.com/Market-Reports/medical-alert-systems-market-237415207.html>

3. Target Markets - Home Care

<http://www.transparencymarketresearch.com/home-healthcare-market.html>

4. Target Markets - Aged Care

<http://business.nab.com.au/wp-content/uploads/2015/10/Aged-Care-insights.pdf>

<http://www.transparencymarketresearch.com/pressrelease/geriatric-care-services-market.htm>

5. Global Internet of Things (IoT) Healthcare Market Size, Share, Development, Growth and Demand Forecast to 2020

<https://www.psmarketresearch.com/market-analysis/internet-of-things-in-healthcare-market>

6. IoT Healthcare Market worth 163.24 Billion USD by 2020

<http://www.marketsandmarkets.com/PressReleases/iot-healthcare.asp>