

SHAREHOLDER UPDATE

OCTOBER 2017

KEY HIGHLIGHTS

- **Vodafone selects CCP to participate in its NB-IoT trial**
- **CCP and Vodafone progressing towards a global agreement**
- **Customer Contract Value rises to \$440,000**

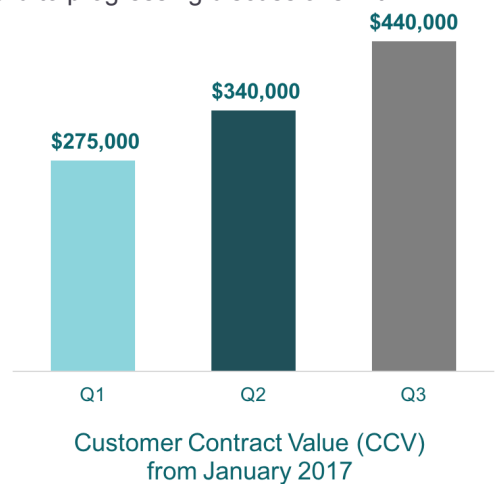
FROM THE CEO

CCP's Annual Report 2017 alluded to this period of our business development being all about strengthening the foundations for growth and building partnerships. It might sound cliché, but that's what we are focused on. In this shareholder update I'm delighted to announce that Vodafone has selected CCP to participate in its NB-IoT trial in Melbourne commencing in November 2017.

As reported in the Australian Financial Review today, Vodafone is progressing its commercial NB-IoT network service roll out. Integration to Vodafone's Global IoT platform provides CCP with a significant business development opportunity. Through its global footprint, Vodafone has an extensive reach to our food industry target market which could potentially add tens of thousands of monitoring points to our install base. We look forward to progressing discussions with Vodafone as we work towards a global agreement.

For a resilient IoT critical control point monitoring solution, we will offer our customer diverse LPWAN routes. We already have WiFi and Sigfox in place; and we are delighted to provide our customers with Vodafone's NB-IoT. Rest assured, there's more connectivity announcements to follow in coming months.

Sales activity continues. Our 24-month Customer Contract Value (CCV) performance metric at the end of September 2017 stands at \$440,000.



While on-boarding more new customers this month, our effort has been directed to forging solid sales channel partners for the medium to long-term. We're progressing three channel partner

discussions. Combined, these agreements will add tens of thousands of sales touch-points to CCP's market approach.

We're on track with our business plan; and I'll have more to say about that at our AGM. Given the AGM will be held 10 November 2017, we're not proposing to issue a shareholder update in November. Rather, my AGM presentation will be released to the market.



Michael White
Executive Director & CEO
CCP Technologies Limited

ANNUAL GENERAL MEETING 2017

The Annual General Meeting of CCP Technologies Limited will be held at the BDO Melbourne Boardroom, leave 18, 727 Collins Street, Australia on Friday 10 November 2017 at 11:30am (Melbourne time).

Following the formal AGM business, the CEO will provide a general business update. For those unable to attend the business update presentation will be released to the ASX. For more details [click here](#).

WHAT IS NB-IOT?

NB-IoT is a low-power wide-area network (LPWAN) technology, where small amounts of data are transmitted over long distances using low-cost Internet-of-Things (IoT) devices. As a network backbone, it's ideal for sensor/monitoring applications in hard-to-reach places and it's designed to broaden the future of IoT connectivity.

NB-IoT is being deployed by telecommunication carriers across the globe. As we move towards the 'Internet of Everything' (i.e. everyday devices used in the home, at work and in the community, being Cloud connected) this wireless communications technology will play an important role. It offers strong coverage, greater power efficiency and massive scale.



Strong coverage

Even when devices are underground or deep within building



Great power efficiency

So devices can run on batteries for 10 years or more without a charge



Massive scale

Connecting potentially millions of devices at once in a single deployment

Globally, Vodafone is at the forefront of delivering NB-IoT; and CCP is delighted to be working with their global solutions IoT team.

CUSTOMER NEWS

The CCP customer base continues to expand in both Australia and North America, as the food industry reaps the rewards of our monitoring solution. We look toward strategic alliances and channel partnerships for continued growth. Take a look below at the following customer profiles to see how the food industry is embracing IoT in the kitchen.

AUSTRALIAN PROFILES

Private clubs continue to embrace IoT in the kitchen

More private clubs are seeing the way of the future, installing CCP's Internet of Things (IoT) monitoring solution in the kitchen. These clubs are moving into the 21st century, combining traditional service with modern monitoring solutions. We maintain steady growth in this market, with two of Australia's more notable private clubs installing CCP.

The Queens Club

Established in 1912, The Queens Club is one of Australia's oldest women's only clubs. Founded for social purposes for country and city women. They are the latest private club to install CCP's monitoring solution to more effectively monitor temperature and reduce waste.

The Australian Club



Located in the heart of Sydney, The Australian Club opened its doors in 1838, formed for members to meet, relax and foster relationships. CCP's monitoring solution has been installed in the kitchens refrigeration systems, automating wireless temperature monitoring and increasing record keeping reliability and accuracy. In addition, humidity is being monitored 24/7 in the club's premium wine cellar.

[Read more](#)

NORTH AMERICAN PROFILES

Our North American customer base continues to grow with the strengthening of customer partnerships with the Nova Group and technical expansion with Sigfox trials. We look forward to future development with other distribution channels in both North America and Australia.

Sigfox testing at Xcel Energy Centre



CCP's partnership with Sigfox is moving forward, with the testing of Gen 2 Smart Sensors, utilising a Sigfox hub. This technology combination is currently being tested at an existing site, the Xcel Energy Centre in Minnesota. Sigfox's technology enables the smooth transfer of data using a wide-reaching signal, called "ultra-narrowband". The partnership helps support easy access to accurate data in an easy-to-understand digital format.

[Read more](#)

CCP/ Nova Group partnership expands



[Read more](#)

Award-winning seafood restaurant, Pescara, is Nova Group's fourth restaurant to install CCP's monitoring solution. With their expansive cooler and freezer inventory, embracing CCP's wireless technology as a preferred monitoring solution was an easy choice for the Rochester restaurant. This installation will allow for greater energy savings, realised by identifying faulty seals, damaged auto-closers and temperature trends during periods of highest and lowest use.

IoT Technology saves thousands for Earth Walker

Earth Walker & Co, Wollongong's distinctive general store and café, saved thousands of dollars thanks to CCP's IoT monitoring system. After closing one afternoon, an electrical fuse tripped at the store, causing the cool room to shut down. This failure was picked up by CCP sensors which automatically sent a red alert SMS to store owners, allowing them to immediately arrange an emergency electrician to fix the cool room.

Earth Walker owner, Bianca Poscoliero said, "CCP's temperature monitoring system saved us thousands of dollars and avoided damage to our reputation. Food quality and fresh produce is fundamental to our brand.



FOLLOW US

CCP is making changes to its corporate website (www.ccp-technologies.com) to make operational announcements more accessible. A consolidated news feed will show business-related activity from Australia (au.ccp-network.com) and North America (us.ccp-network.com) websites together with ASX announcements. We'll be regularly posting customer news and case studies on our websites, and we also invite you to connect with us on social media:



Website - CCP Technologies Limited (ASX:CT1)



Website - CCP Network (please note: automatic AU/US redirection)



Facebook - CCP Technologies



Facebook - CCP Network Australia



Facebook - CCP North America



LinkedIn - CCP Technologies



LinkedIn - CCP Network Australia



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