

4 April 2017

The Manager Company Announcements
ASX Limited
20 Bridge Street
Sydney NSW 2000
Australia

BY E-LODGEMENT

Dear Sir / Madam

Shareholder Update

Please find attached the update being despatched to Shareholders shortly. The Company will continue to update Shareholders on a monthly basis as momentum continues to gather regarding the deployment of the CCP Solution.

Yours faithfully

A handwritten signature in dark ink, appearing to read 'Gary Taylor', with a checkmark-like flourish at the end.

Company Secretary
+61 (0) 430 432 745
About CCP Network

CCP empowers businesses to make better decisions with a low-cost, sophisticated IoT monitoring solution which captures and interprets real-time critical control point information. Critical control points are the points in a supply chain where a failure of standard operating procedure has potential to cause serious harm to people – and to a business' reputation and bottom line. Standard critical control points include temperature, energy, environment (e.g. air and water quality, pH, chemicals, noise, acoustics and gases) and movement.

See: www.ccp-network.com

CCP Technologies contact:

Gary Taylor – Company Secretary
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SHAREHOLDER UPDATE

APRIL 2017

KEY HIGHLIGHTS

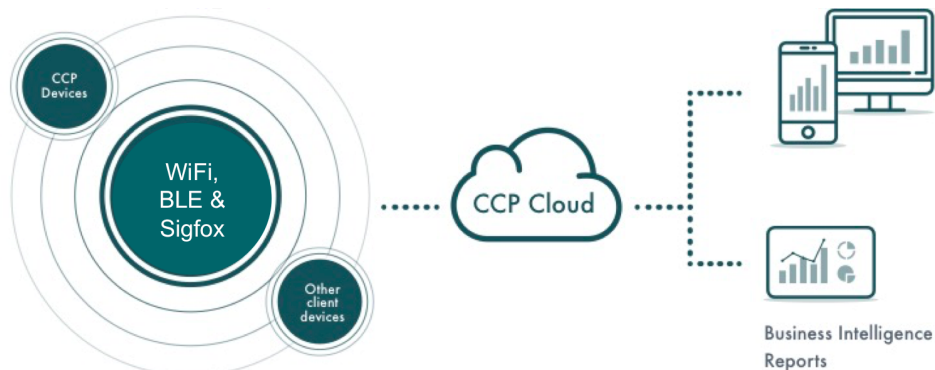
- **Major US sale announced (USD \$180,000)**
- **More customers join the CCP network in Australia and North America**
- **Product innovation - sustaining our competitive advantage**

FROM THE CEO

During the past month some exciting new partnering opportunities have emerged whilst we continue to sign-up new customers in the Australian and US markets. Many trials have converted to sales, some of our existing customers have extended their deployments to include additional sites, and we have commenced new trials with new prospects.

As reported on the ASX, CCP has been engaged by a US food consulting firm to tailor our software platform to enable the integration of virtually any source of data and to analyze this data using our predictive analysis tools. This will generate new opportunities for CCP as new services and CCP tags are incorporated into the operational processes of many large food companies in the US.

Our partnership with Thinxtra and Sigfox, also announced on the ASX this month, opens the door to a new communications network which is ideally suited to CCP's IoT hardware. The Sigfox network is a low powered wide area network (LPWAN) which replaces the need for WiFi or cellular communications at the tag level. Rather than connecting tags to hubs and then hubs to a local WiFi hot spot to communicate data to the Cloud, this can be done directly through the Sigfox network.



Sigfox is rapidly expanding its network coverage across Australia and the US. As this occurs, CCP has the opportunity to extend its customer base through the application of ultra-low cost data communications.

Some of our new customers include Country Valley Dairy (NSW), Icon Coffee (VIC), Watkins Bay Coffee (VIC) and Holmesglen Institute (VIC) in Australia, whilst our team in the USA have been busy progressing new accounts including Coalition Restaurant (Minneapolis) and Schubert's Bakery (San Francisco). Our Data Management Metric is up by 31 percent this month to 1.8 million monitoring points/month.

Following are some press releases for the month. For more details, please visit our web site: www.ccp-technologies.com. More to come next month.



Michael White
Executive Director & CEO
CCP Technologies Limited

CUSTOMER PROFILES - AUSTRALIA

The Connected Dairy in a Country Valley

In the picturesque NSW Picton district, Country Valley is producing 100,000 litres of milk each year with the help of agriculture technology (AgTech). CCP plays a small but important part in ensuring supply chain efficacy by monitoring the temperature in their cool-rooms. We're also working with the Country Valley team to expand their connected dairy.



[Read More >>](#)

Did you know? The National Farmers Federation predicts Australia's agriculture sector will almost double in the next 15 years, creating a \$100 billion industry. AgTech combines digital tech to provide the tools, data and knowledge to make more informed and timely on-farm decisions.

CCP Helps Holmesglen Deliver Valuable Lessons on Food Safety

One of the largest food service industry training providers Holmesglen Institute, based in Victoria, has joined the CCP network. While refrigeration equipment is monitored 24/7 using our smart tags, the students get to see the benefits of working in a connected kitchen. Budding chefs at Holmesglen are learning to keep things cool in the kitchen with the latest in wireless monitoring solutions from CCP.



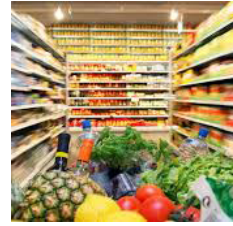
[Read More >>](#)

Did you know? By combining continuous (24/7) asset data capture with analytics tools, the connected commercial kitchen solution will anticipate the failure of key equipment components before it happens. Predictive analytics is used to optimize equipment and maximise up-time.

CUSTOMER PROFILES - NORTH AMERICA

CCP Solution Sale in the US

This month, we announced a USD\$180,000 sale to a US food industry consulting firm. This announcement signalled CCP's entry into the big data analytics market. While capturing data (e.g. temperature, humidity, door open/close and other critical control points) and providing alert notifications is a foundation CCP Solution feature, interpreting data to enhance business performance and competitive advantage is our key strategic pillar. By leveraging our existing automated 24/7 monitoring solution, CCP can enable fast and cost-effective deployment.



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Schubert's Bakery is still leading with innovation after over 100 years in business

Ralph and Lutz Wenzel purchased [Schubert's Bakery of San Francisco](#), in 1995. Fourth generation bakers from Germany, the Wenzel Brothers, combine old world baking mastery with contemporary technology to produce magical cakes, cookies and pastries.



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Did you know? Internet-connected devices generate massive amounts of data. IDC predict there'll be 28 billion sensors in use by 2020 and revenue for big data analytics will grow to more than USD\$203 billion by 2020, providing exciting opportunities for CCP.

CCP now informs the staff at Coalition Restaurant in Excelsior, Minnesota

[Coalition](#) presents the unique vision of [Executive Chef/Owner Eli Wollenzien](#). He says of his restaurant, "*Coalition is about the combined efforts of chefs, cooks, servers, farmers, vineyards, and brewers.*"



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Culver franchise controller installs the CCP Monitoring Solution

Since opening its first location in 1984, Culver's has opened 650 locations and has delighted patrons with mouth-watering ButterBurgers and unforgettable Fresh Frozen Custard desserts. They specialize in fresh, never frozen, 100 percent Midwest beef, seared to perfection and served on a lightly buttered toasted bun for that extra touch of goodness.



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Product Innovation Update - Kartheek Munigoti, CTO

As the Chief Technology Officer (CTO) in CCP, I have several key areas of focus. Firstly, my team ensures the platform operates as designed. This underpins business operations and ensures customer satisfaction with the performance of our monitoring solution. Another important focus is articulating our strategic direction and tactical development priorities.

Importantly, we are positioning CCP to align with three technology mega-trends: Internet of Things (IoT), big data (business) analytics and predictive modelling, and machine learning.

IoT is all about interconnecting devices (such as sensors and machines) and using data captured to make smart decisions based on their ecosystem. This will transform everyday activities in life and revolutionise industrial equipment. For the economy, IoT will enhance productivity, profitability and efficiency. Gartner forecasts 8.4 billion connected things will be used globally in 2017, up 31 percent from 2016; and the number of connect devices will reach 20.4 billion by 2020.

20.4 Billion
IoT devices by 2020



With the deployment of IoT devices, terabytes of data will be captured daily. However, that in itself won't usher in another industrial revolution. It's the emphasis on analysing time-series data and prediction in real-time which provides the opportunity to create substantial value. For the business community, the goal is to harness this data to learn about patterns and trends to support decision making. For example, we're already seeing our customers use CCP to perform preventive maintenance on critical equipment. CCP aims to provide a self-service platform, which includes leading-edge analytics tools. This will enable our customers to create sophisticated analytics without requiring programming assistance from data analysts.

Machine learning leverages developments in artificial intelligence (AI) and allows computers to find hidden insights without being explicitly programmed where to look. It supports predictive analysis, pattern matching, regression, anomaly detection. Until now running complex analysis required data scientists, whereas cloud-based machine learning tools are making it easier and cheaper for small to medium businesses to adapt these models, thereby improving efficiency.

At CCP, the product development and support teams are excited that we are on an innovation pathway to make this complex technology affordable and easy to use for millions of small and medium sized businesses.

FOLLOW US

CCP has made 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, and ['Like Us' on Facebook](#):



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



Email
