



AGM Presentation

10 NOVEMBER 2017

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- CCP is a critical control point management system
- Our mission is to develop and deploy advanced IoT solutions to capture critical control point data, transmit this data to our cloud platform, and to transform this data into highly accessible business intelligence.
- Our vision is to be a global IoT platform of choice for critical control point management within the food industry.

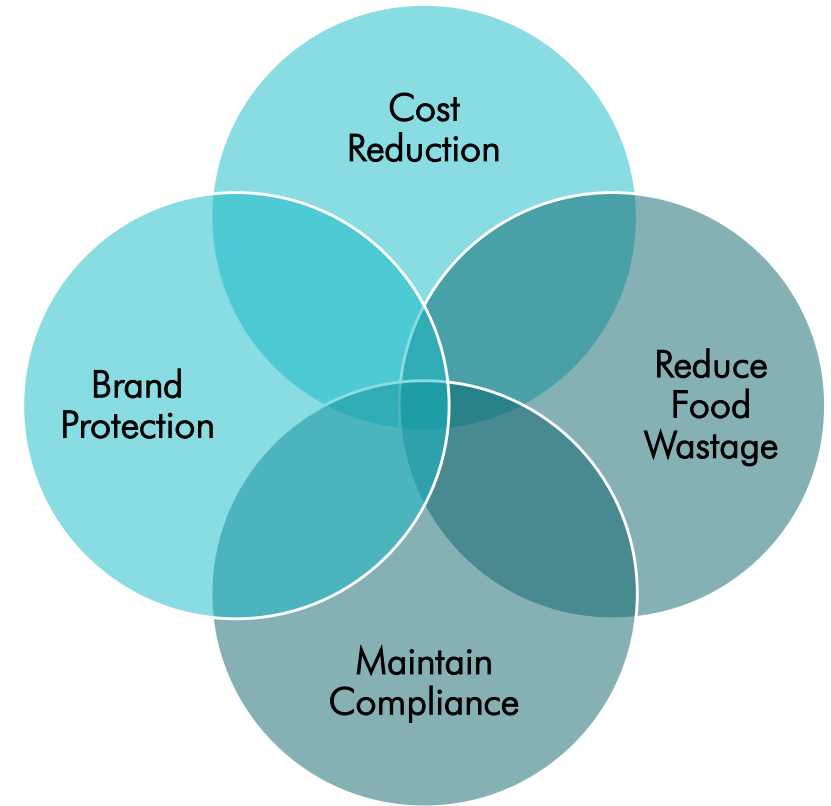
- According to Forbes (2016), food is the world's largest industry.
- In the US, the food marketing system was valued at US\$1.46 trillion in 2015. In Australia, it was valued at A\$120 billion.
- The FAO reports that 1.3 billion tonnes of food - about one third of all food produced - is spoiled or squandered before it is consumed.
- Foodborne illness from contaminated foods causes over \$152 billion a year in healthcare costs in the US. In 2011, 48 million cases were reported.
- Poor temperature control is a major contributor to food safety failure and represents 55% of the losses at the food retail end of the chain.
- Across the globe, food safety regulations are tightening. This is driving the adoption of critical control point (CCP) management systems.

1. Managing Compliance

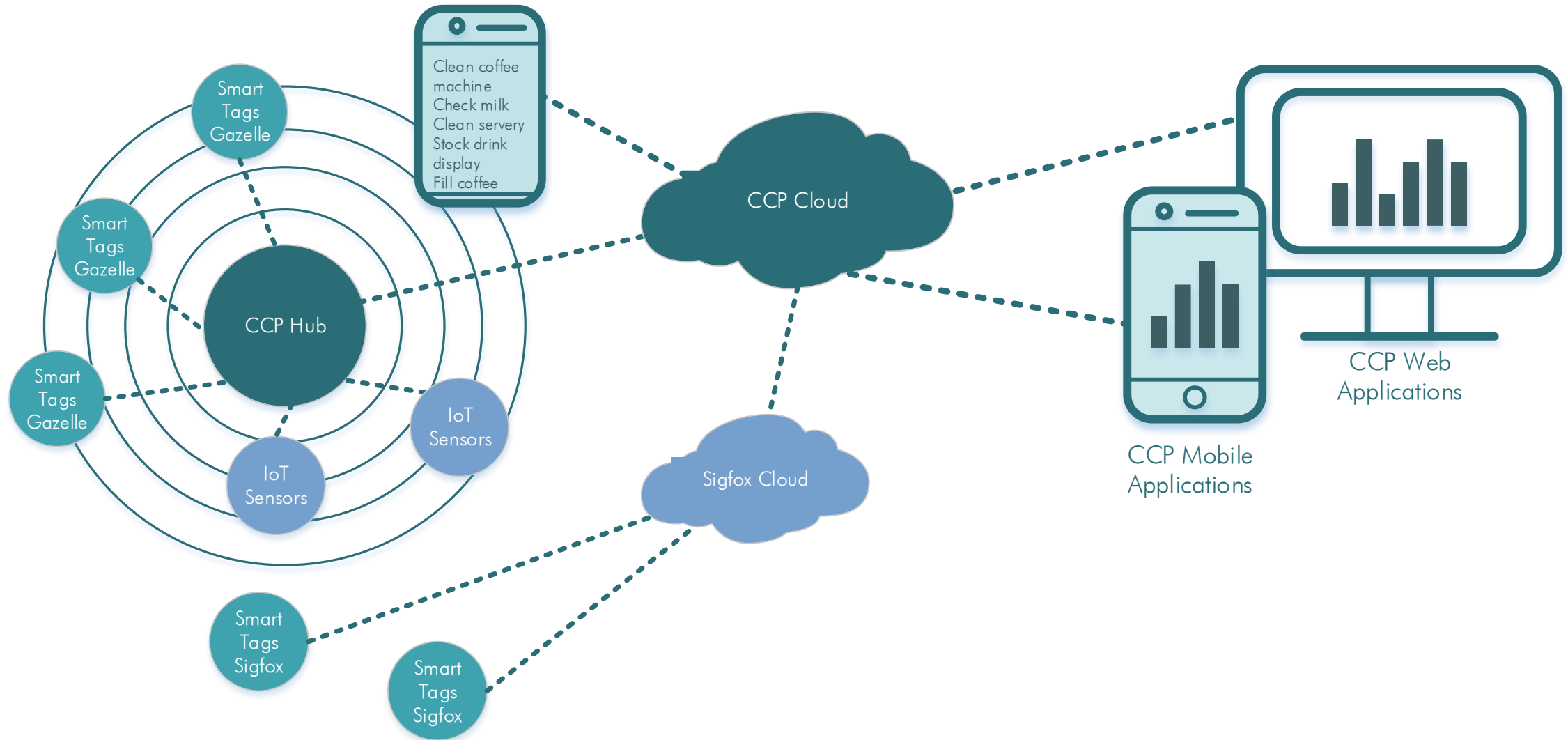
- 30% saving in labour costs compared to manual processes.
- Improved accuracy and reliability of HACCP records
- Digitised task management to replace manual records which can't be monitored or measured

2. Managing Refrigeration Performance

- Immediate notification of failures - avoids food wastage, loss of sales, business disruption
- Improved operation, reduced energy consumption and reduced cost of repairs. For the average US Grocery store, 57% of energy costs are directly linked to refrigeration
- CCP analysis shows that 5% of coolers and freezers will suffer a failure each year, typically costing significantly more than the CCP solution



Solution Overview





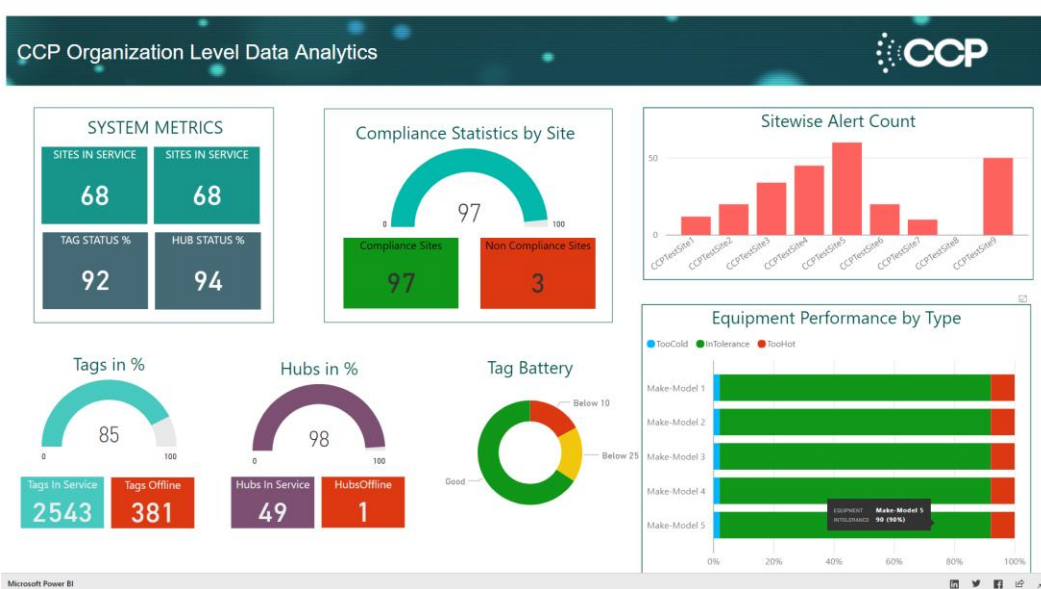
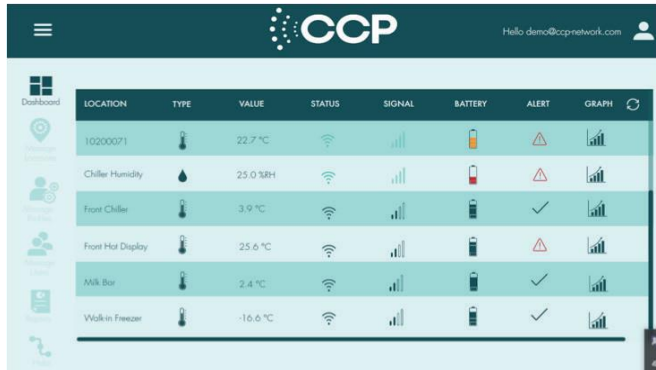
- First Generation Tags
- CCP's Smart Tags capture temperature and other critical control point data
- “Edge Computing” technology - tags store and process the monitoring business rules on-board
- Connectivity via 2.4 GHz transmission with CCP's Hub2Everything enables data transmission to the Cloud



- Smart Tag features and “Edge Computing” technology
- Deploy NFC and BLE for local communications and configuration via smart devices
- Applications include monitoring static environments (like coolers and freezers) and monitoring goods through the supply chain
- Direct connectivity with the Sigfox LPWAN enables data transmission to the Cloud
- Commenced customer trials in September 2017 and scheduled for commercial release in December 2017



- Announcing CCP's HUB2EVERYTHING - An advanced multi-network IoT gateway
- Seamless Sensor-to-Hub and Hub-to-Cloud connectivity
- USB Transceiver for connectivity with other IoT eco-system providers
- Compatibility across Nordic / X-Bee / LoRa / NB IoT and other LPWANs
- NB-IoT trial (Vodafone) - Nov 2017
- Commercial production - Jan 2018



- CCP's Cloud Platform harnesses the power of big data analytics
- Information presented on web and mobile dashboards
- Task management system to digitize compliance information
- Automated HACCP reporting and business-unit level performance
- REST API's supports simple data integration

What makes the CCP Solution different?



- Solution as a Service (SaaS) business model eliminates upfront costs
- Low cost IoT hardware combined with an enterprise big data analytics cloud platform
- Modular hardware design enables rapid development and deployment of new sensor types, communication methods and applications
- Smart Tags can be deployed to continuously monitor any static or mobile environment (such as coolers, freezers, ovens) as well as transport vehicles and perishable shipments
- The solution is simple, quick and affordable to implement
- Immediate notification of breaches – SMS, emails, push notifications and API's
- Integrated food safety checklist and task management system to fully manage compliance

- Channels partnerships are key to CCP's growth
 - Food industry is not attune to purchasing monitoring solutions online
 - Leverage existing customer relationships to turbo charge growth
 - Reduced requirement for direct sales force (costly)
 - Supports our focus on innovation
- Channels for CCP:
 - Communication Network Providers
 - Refrigeration Service Providers
 - Food Safety Software Providers
 - Synergistic IoT Providers
 - IT Distributors

- A global team of IoT specialists
 - In-house design of advanced multi-network IoT hardware
 - Established manufacture value chain
 - In-house firmware development
 - In-house software development, including data analytics and machine learning
- End-to-end IoT product management
 - From concept to creation and commercialisation
 - Capability to develop and operate solutions for others

Fast to Market

- March 2017 – CCP's partnership with Sigfox was announced
- September 2017 – CCP's Sigfox Smart Tag commences customer trials
- 6-months from concept to commercialisation – that's fast

Multiple Revenue Streams Established

- CCP Solution sales
- Development contracts
- Cloud Platform Licensing

Continued Momentum



- Set-up Australia, India & US operations
- Hardware Production

- Microsoft
- Thinxtra
- Solution licensing (\$240k)

- Sigfox US
- UnaBiz
- Shamrock (US)
- \$1.32m Raise

- Sigfox Smart Tag release
- Vodafone
- Development contract

- Gen 2 Hub
- CCP Transceiver
- More sales channel partners

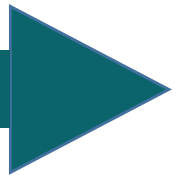
Oct'16

Jan'17 (Q1)

Apr'17 (Q2)

Jul'17 (Q3)

Oct'17 (Q4)



Business systems, IoT Hardware, Big Data Platform, Mobile Application Innovation

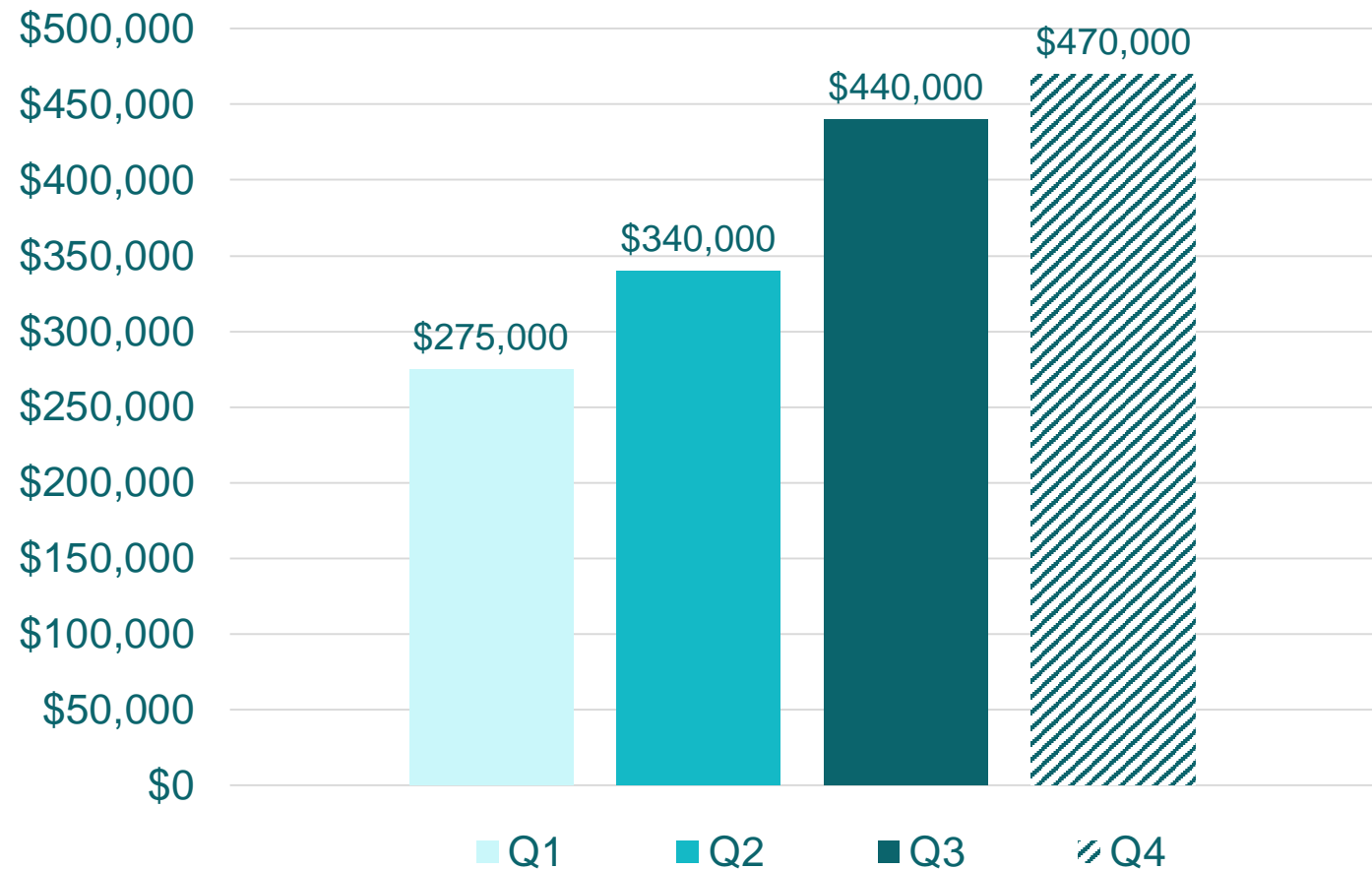
Sales in Australia and USA

Sales in Singapore

CCP is currently monitoring over 900 critical control points across 100 sites in Australia and the US.

3.4 million data points processed in the last 30 days

Customer Contract Value



Recent Announcements



- TMT Analytics initiated research coverage on CCP
- Vodafone NB IoT trial (October)
- CCP Sigfox Smart Tags launched (September)
- A national QSR chain commences trials with CCP's Sigfox solution (September)
- US Channel Partner: Shamrock Group (August 2017)
- CCP Partners with UnaBiz in Singapore (July)
- Completion of Rights Issue and Entitlement Issue Over-subscribed (June)



Set for Rapid Growth



Proven scalable technology supported by continuous innovation

Customer and Partner validation

Technology & distribution partners in place

Now winning major brand customers

2018 Focus:

- Australia
- United States
- South East Asia





- Anticipate managing over 1,000 critical control points before the end of 2017.
- In addition to existing accounts, our sales distribution and technology partnerships will bring new opportunities to support rapid growth through 2018.

* Break-even includes assumptions which are subject to variation; for example current business structure, business model and a \$175,000/month cash burn



Advanced simplicity

www.ccp-technologies.com