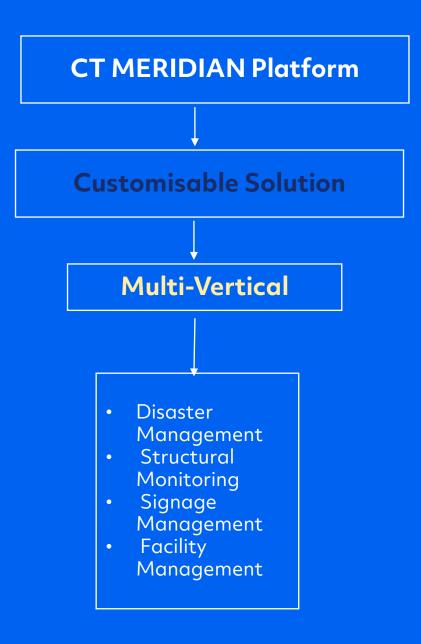
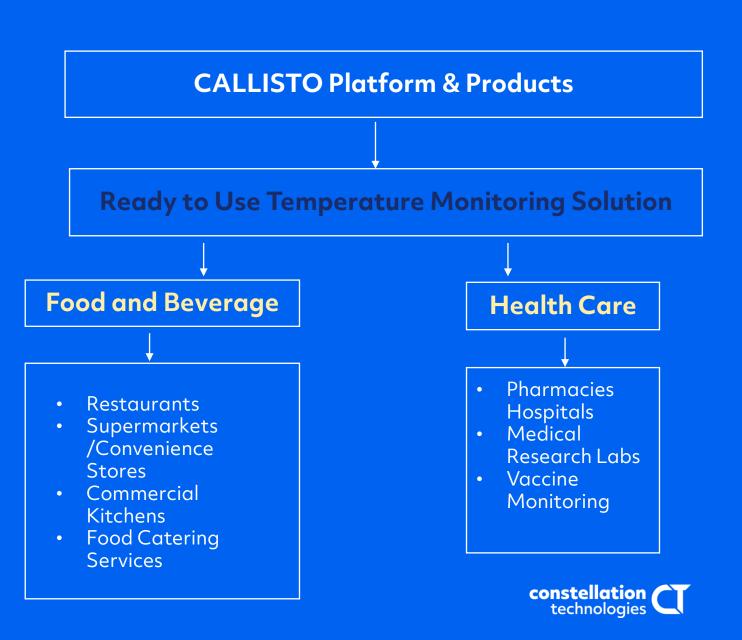
# 2023 Annual General Meeting Presentation

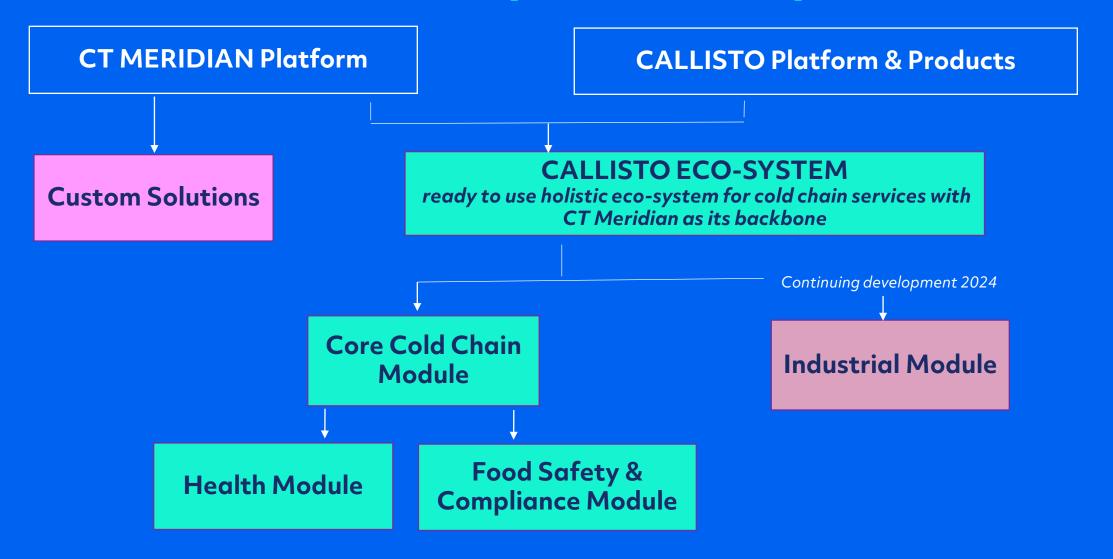


### **CT Product Suite**



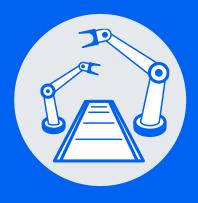


## CT Product Roadmap 2023 & Beyond





## Callisto Eco-system



#### Ready to Use Solutions

- Holistic Eco-system for Cold Chain Monitoring
- Utilises MeridanCT Platform as backbone
- Utilises hardware devices developed and manufactured by CT for seamless integration.



# Callisto Platform Modules

Simple installation with Drastic Improvements



## **Core Cold Chain Module Key Features**



#### Easy to Install

CT's Smart Device's (LoRa and LPWan) are wireless batterypowered IoT devices, designed for easy install. Simply turn on the device and install it near your application to provide continuous automated monitoring. Monitor temperatures as low as -180c.



Benefit from temperature threshold alerts sent to you via SMS and/or email, and record any corrective actions. Setup manual temperature monitoring reminders.



#### Compliance Management

Migrate from paper-based forms to digital forms.



## Smart Analytics CT's advanced analytics and

alerts provide insights to empower your organisation to proactively detect refrigeration asset failures, minimise maintenance costs and reduce product wastage.



#### Visualisation & Reporting

Dynamic visualisation and reporting platform for desktop and mobile, allowing you to easily share information with key stakeholders, and generate data for any defined time period.



#### **Secure & Encrypted**

Benefit from CT's proprietary encryption algorithm and protocols to ensure your data is safe and secure. We take data sovereignty seriously, and only host data within Australian datacentres.



## Callisto Health Module Key Features

All the same key features as Core Cold Chain Module, plus......

#### **Compliance Alerts**

- Increased temperature checking frequency.
- Automated alerts for noncompliances instances.
- Compliance & monitoring that adheres to Strive for 5 and QCPP requirements.



#### Administration

- Remote monitoring capabilities.
- Multi organisation monitoring.
- Secure API's for seamless integration to other systems.



#### Compliance Management

 Create unlimited digital forms to help you centralise and manage your vaccine compliances and other Pharmacy task management requirements.



## Callisto Food Safety & Compliance Key Features

All the same key features as Core Cold Chain Module, plus......



#### Hardware

- Portable Carme handheld device that operates on LoRaWan network to spot check food temperatures from -35c to 250c.
- Portable LoRaWan device with LED display to monitor and report food cool-down processes.
- Hands-free or fixed smart TV display for in-kitchen monitoring.
- GPS enabled devices to monitor assets on the move.



## Compliance Management

- Fixed Asset Monitoring.
- Allergen tracking.
- Food prep checklists.
- Process monitoring: cooldown, endpoint and hot holding.
- Menu management.
- Staff list and workflow management.
- Industry specific compliance reports that capable digital signatures.
- Customisable reports .



## Callisto Industrial Module **Key Features**

Integration of Callisto platform direct to refrigeration and air-conditioning controllers to measure and monitor refrigeration assets & energy efficiency.



#### Hardware

**Utilises CT Clamps to** integrate with Smart Meters such as DENT and CT's Gallactic gateway.



#### Controllers

- Danfoss
- Carel
- Emerson



#### **Secure & Encrypted**

Proprietary encryption algorithm and protocols ensure your data is safe and secure. We take data sovereignty seriously, and only host data within Australian datacentres.



## Smart Analytics

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# Callisto Hardware Products

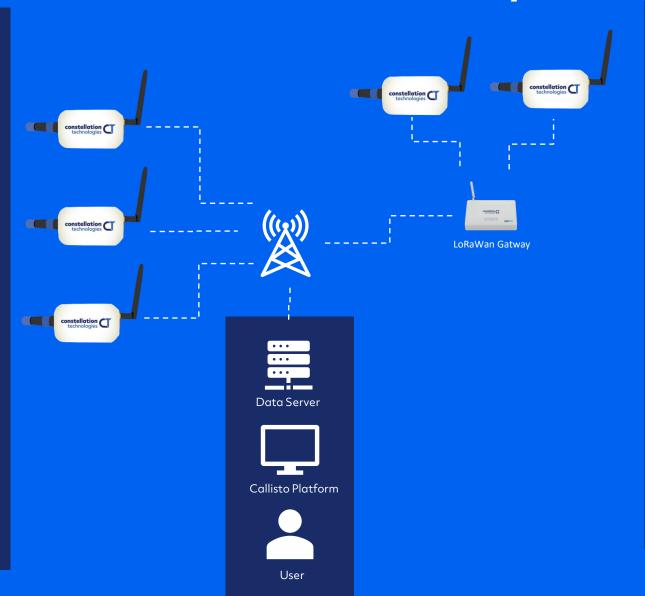
Simple installation with Drastic Improvements



### Callisto Cold Chain Devices & Gateway

#### **LPWan Devices**

- Easy Installation
- Each Device has its own Sim Card
- 5000 mAh Lithium-ion rechargable battery
- Alert notifications
- Sampling every 15 mins and reporting every 1 hr
- Remote calibration ability
- Add a variety of sensor probes, ie temp, humidity



#### **LoRaWan Devices**

 Same features as LPWan Devices, but no Sim Card

#### **LoRaWan Gateway**

- Gateway Supports
  Wi-Fi AP (2.4 GHz)
- TF card for log backup
- Built-in LED status indicator
- Works on Ethernet and Cellular network
- High Gain Antenna



## Carme Device Handheld Temperature Probe

## Data CT User Server Dashboard

#### **Carme Device**

- Temp Range: -35° to 250°C
- Ambient Operating Range: 0° to 50°C
- Resolution: 0.1º C
- OLED Color Display with 128 X 64 resolution
- K-Type Connector ability to replace probes.
- LoRaWan based transmission direct to cloud
- RF Range: 200 ft, line-ofsite Auto-off: Adjustable
- Sleep Mode: Adjustable
- Power: Replaceable 2 AAA battery(Included)
- Battery Life: 1036 hours
- ABS plastic housing with antimicrobial additive
- IPX7 waterproof rated



#### **CT** App

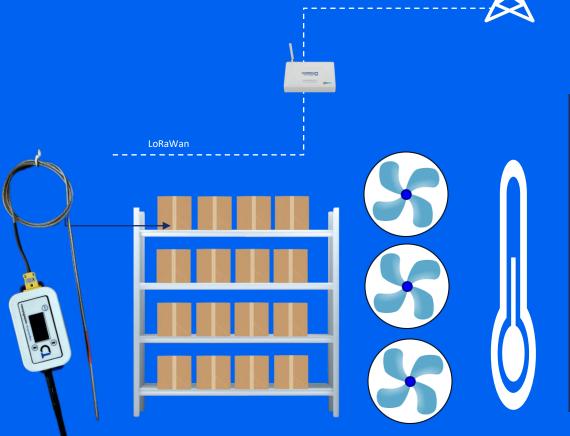
- LoRaWan device integration.
- Connects to CT Gateway Wi-Fi
- Centralised administration.
- Easy to use.



### Cool Down Device Portable Cool-down

## Features of Cool Down Process

- Real Time monitoring.
- Operates on LoRaWAN.
- High temperature tolerance Teflon probes.
- Automatic process trigger at 60° Celsius.
- Integrated temperature recording at 2hrs and 4hrs.
- Alert notification.
- Event name customization for each cool down cycle.









## Thankyou



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