



INDUSTRY 4.0

WIRELESS TEMPERATURE MONITORING

FEBRUARY 2022

STRATEGIC PROPOSAL



EXECUTIVE SUMMARY

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Wireless temperature monitoring solution for the cold chain. Fully automated in real-time with alerts, reporting and integration.

Real time

Wireless sensors in cold storage units, fridges & freezers ping real-time data.

Wireless

Completely wireless and secure over 4G Telstra network, not local wi-fi required.

Dashboards

Full visibility presented in simple graphs, including e-mail and sms alarms and alerts for high temperatures.

Integrated

Fully integrated with your MFC Platform.



COLD CHAIN

a fundamental control for sensitive goods

Cold chain
disruption results
in significant
business impact

Purpose

Cold storage is a fundamental requirement for many goods, such as food, beverage and pharmaceutical. This can relate to intrinsic hazards, safety, quality, shelf-life and many other factors.

Pre-emptive action

Businesses can be alerted and respond in real-time to temperatures changes, which can result in saving goods before they are impacted by temperature abuse.

Risk managed

Automated temperature monitoring greatly reduces the risk of stock loss and supply chain disruptions. This in turn relates to cost savings, customer impacts, safety and compliance.

Life favours the prepared



THE SOLUTION

Automated temperature monitoring



Easily access key
information about
any asset, in
seconds

Wireless Sensors

Wireless sensors are placed in cold storage units. They transmit the temperature to a gateway, then your MFC Platform, every 15 minutes.

Alerts & Notifications

If temperatures become too high (such as over 5°C), emails or sms are sent to your team, in real-time.

Dashboards

All cold storage sensors have dashboards with visual charts and data tables to view and retrieve data anytime.

Manage 1000's of assets



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HARDWARE

Robust and built to last



Sensors

Simply place the
Sensor in cold rooms

Gateway

Plug in your gateway,
already set-up
to 4G Telstra

MFC Platform

Real-time data streaming
to your application





SHIPPED READY

All hardware is set up, tested and fully functional

A fully prepared,
set up and tested
solution.

Very simple.

No set-up

The MFC Team sets up and configures all the hardware. You simply plug put the sensors in your cold room and plug in the gateway. Installation takes less that 5 minutes on your end.

Your MFC application

All dashboards, alerts and reporting is set up for you on your MFC Platform. You just need to put the sensors in the cold room and plugin the gateway.

Support

You can contact the MFC Support Team for any questions, documentation or queries. We are here to help!

It just works



TECHNICAL

Operating for many years in robust conditions

Sensors

Brand: Senstick
Operating: -40°C to +85°C
Probes can be added
Batteries: AAA, 3 year life
Water resistant
Shock resistant
Data Sheet: [Click here](#)

Gateways

Brand: Multitech
Power: 240v
Protocol: LoraWAN
Data Sheet: [Click here](#)

LoraWAN

The MFC Solution uses the LoraWAN protocol for long-life, long-range and robust temperature monitoring.

Telstra 4G

The MFC Solution uses Australia's primary telco Telstra. The 4G sim card ensures the highest performance anywhere in Australia. This is independent to your local wi fi.

Warranty

There is a 2-year full warranty on all hardware.

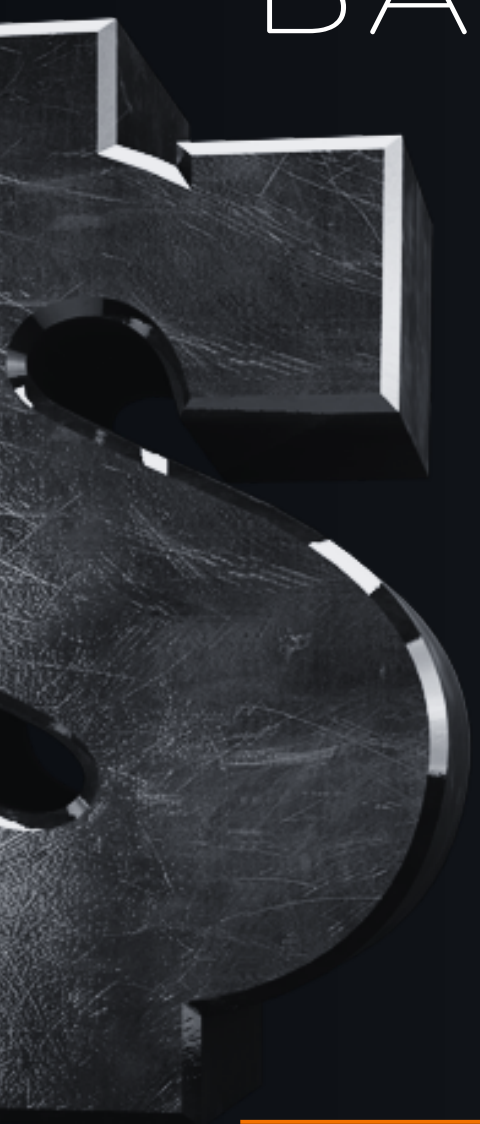
Integrated

All hardware is fully integrated using AWS IoT Core and the MFC Platform.



BASE PRICING

Investment into a smarter business



Simple pricing
models with great
return on
investment

Gateways

- \$900 per unit
- Sim card included
- Fully set up and configured
- Up to 1000 sensors per gateway
- Structural layout of your business dictates how many gateways are needed

Sensors

- \$250 per unit
- Each cold storage unit needs its own unit
- Fully set up and configured
- 3 year battery life

MFC Platform

- \$10 per sensor per month
- Fully integrated with your MFC application
- Larger volumes attract reduced prices



PACKS

Investment into a smarter business

Automating for a
smarter future

great for
getting started

Three Pack

- \$1800 once-off + \$40 per month
- x1 Gateway
- x3 Sensors

Suitable for venues with x3 cold rooms or fridges for automated wireless temperature monitoring.

Sent to you with Australia Post or in person!

Dozen Pack

- \$4600 once-off + \$120 per month
- x2 Gateway
- x12 Sensors

Suitable for venues with x12 cold rooms or fridges for automated wireless temperature monitoring.

Bulk discounts

- Larger quantities result in volume discounts
- For complex operations we come on-site to quote

Sent to you with Australia Post or in person!



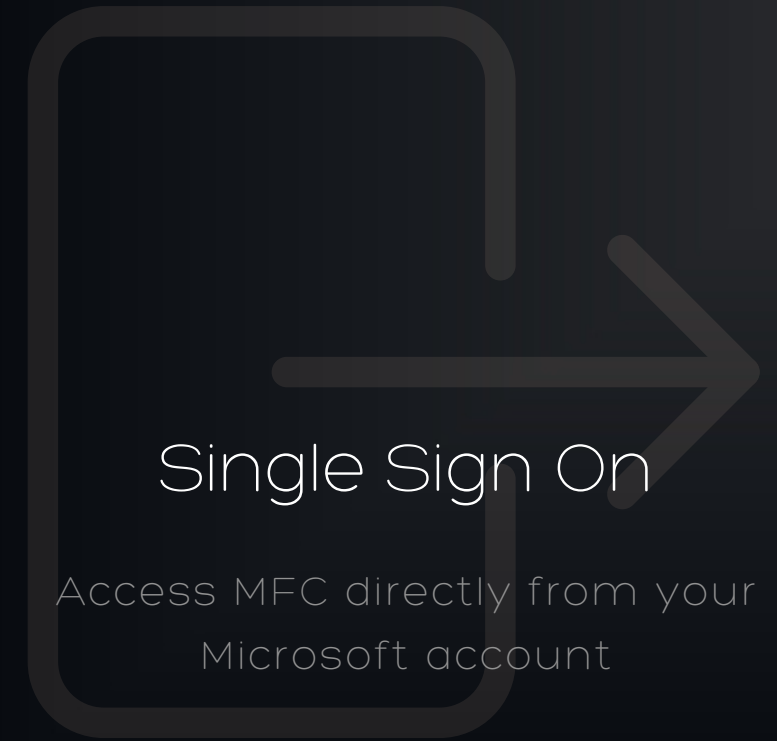
FULLY INTEGRATED

The wireless temperature monitoring is fully integrated with the suite of MFC platforms



Operations Aware

Highly focused on task-orientated processes



Single Sign On

Access MFC directly from your Microsoft account



User Experience

Users are familiar with the flow and experience of the MFC Platform



Highly Scalable

Continue to build further applications on the MFC Platform

ABOUT US

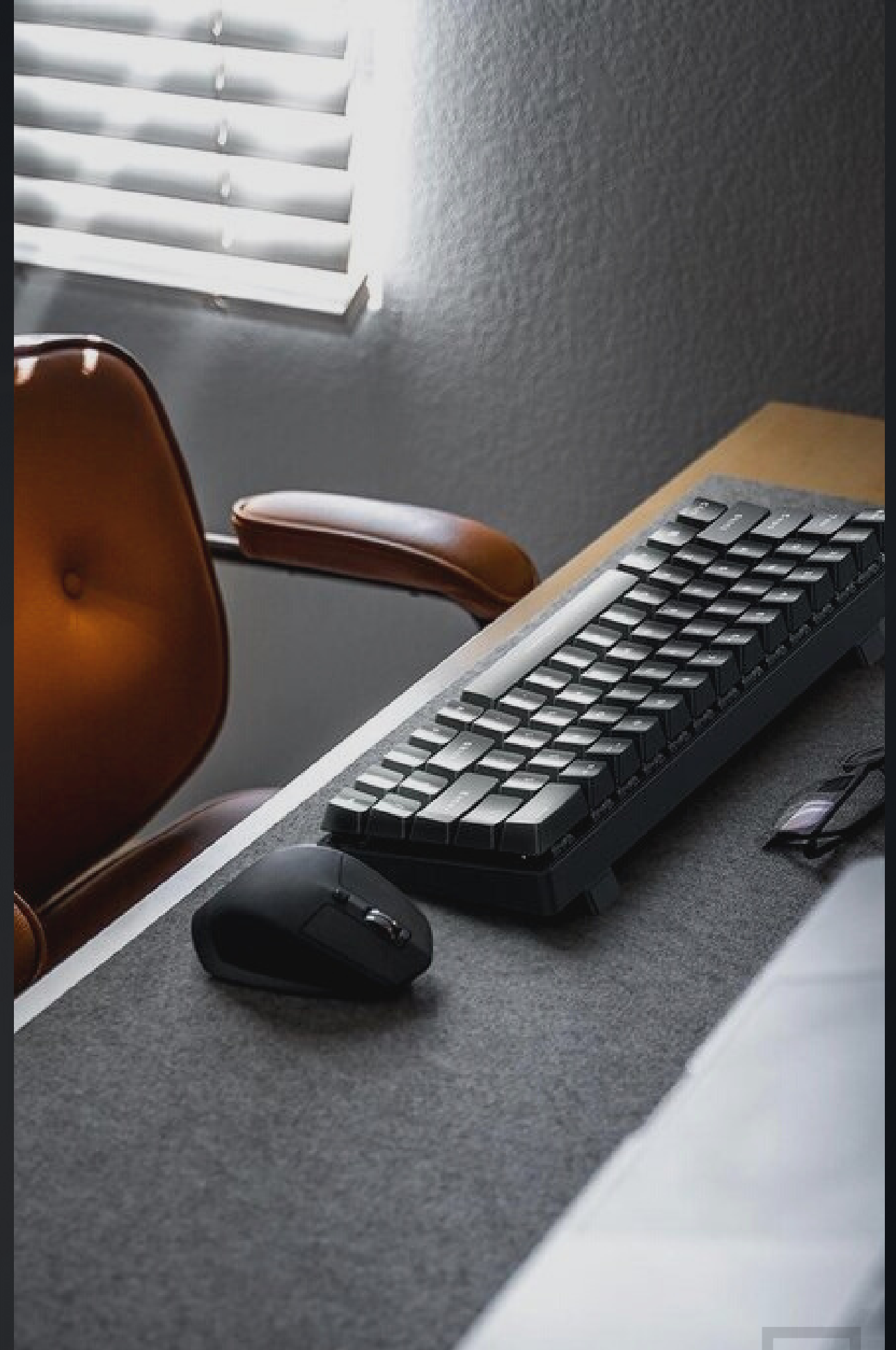


Delivering curated digital solutions

We specialise in the digitisation of things. Transforming legacy process into tech-enabled, intelligent management systems.

Integrated smart-forms, scheduling, sensors & devices, logic builders and powerful reporting engines.

Highly committed team that curates complete digital solutions.



OUR SERVICE

We provide highly curated and agile digital solutions.

Consultation

We work with the key stakeholders to workshop requirements functionality and flows



Prototypes

We design, iterate and release versions of prototypes based on continual feedback



Production

We release a fully tested application that is fully configured and curated to the highest standards



Thanking you!

MORAG MEIKLE
CEO & FOUNDER

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Thank you for the opportunity to present our proposal.

Please [visit our website](#) for further details

