



Public Cloud with embedded security of devices in IoT for AI - the Future of Business

All the capability and power for  
your **enterprise DX** all in one place

*OneSense.io is a Critical Infrastructure Cloud  
for OT with secure IIoT for any size business*

Start your Digital Journey here to setup for  
the Future of your Business







The OneSense business model is designed to be the leading cloud provider with integrated IoT capability based on the needs of operational technology (OT) and device security at scale. The OneSense Cloud for connected devices and embedded applications for solutions to vertical issues delivers amazing capability for clients with simplified and value outcomes

**All in One Place.**





## CORE DEVELOPMENTS



### AI is Business

Every business needs a modern cloud platform beyond IP vulnerability for operating their own business AI Programs.

OneSense operational technology platform is industrial IoT capability to help drive that AI Future.

### DX Platform as a Service

OneSense is a low cost of operations subscription Cloud, for automation with machine driven process in operational technology OT, for trusted data to operate AI and more.

A OneSense subscription has the same embedded capability in each Private Tenancy with simplified client driven no-code / low-code integration to build out your Network as your business needs.

### Generative AI strengthening Business Ops

OneSense is also adding to the power of AI using Azure CoPilot suite for each Tenancy extending the OT network security and capability, providing unique IT network strength for data management security and IT network operations,

### Cyber Risk Avoidance

OneSense technology platform with security of devices is essential for critical infrastructure and operations for any size business.

OneSense built an external boundary platform for OT - strengthened with Security of Devices and Verified Trust User Control.

On the inside, OneSense platform has authorisations, tracking and more

### Nature Positive Operations

Business relies on co-existence with Nature for its natural renewal resources, that is essential for Sustainability. All business operations must be conducted to avoid impact on Nature in all its processes.

OneSense is a premium Platform that cares for Nature using its capability in quantifying Client's operation that includes guiding positive avoidance of Climate Change impacts and remit waste in a circular economy



## **SUPPORT DEVELOPMENTS**

### **Agility**

*Simplified digital transformation to upgrade to a modern Cloud infrastructure for devices, sustainability and more!*

Having your digital agency that delivers end-to-end integration for hardware and platform capability as device driven data solutions all at your fingertips has been the OneSense objective.

OneSense can bring immediate value to assist in raising the performance and competitive level of your Enterprise with solutions that give you the representation of how, when, why and why not.

### **Autonomous**

*OneSense has simplified integrations and configurations that are not simple - for operating your Tenancy as well as for you to service your Clients whilst innovating for their needs*

As a next generation client driven technology platform, OneSense is your partner for operations as trusted data for your AI solutions driving business

This smart capability for industrial automations, for the likes of workflows, robotics and digital twin representing any AI, as a foundation platform and more is open to tenants to accelerate their strategies and developments for new business and growth.

### **Application**

*Working vision - driving data solutions*

OneSense becomes your private Tenancy cloud platform to drive real-time operations that raise the competitive level of your business that is unlimited by application.

OneSense is a ubiquitous industry and application platform whether applied for small business, diversified enterprise(s), critical infrastructure, projects or a large service operation. OneSense is that critical technology for new leadership and capability that also engages your skilled people for the Future.

### **Infrastructure Cloud**

*Innovation as avoidance strategy that changes the landscape for Cyber risk for operational technology*

Strengthened security of devices for device driven data solutions, sustainability in renewable resources, climate responsive governance and responsibility, with potential for autonomous client servicing, in a lean business model and more is now available - all in one place..

Upgrade for essential capability to a modern Cloud on [www.onesense.io](http://www.onesense.io)



# CYBER RISK PROTECTION IN OT and IT NETWORKS

leading Industry technology and trusted data solutions

## 1- SECURITY OF DEVICES

connect each end of a network with proprietary hardware linked to a foundation and private Platform, using a key framework for connection hardware devices as mutually exclusive with unique identifications, locked firmware and tracked end-point operations. Each installation is monitored for tamper and telemetry specification, where data is also encrypted in transit and at rest, with comms encryption as a secondary benefit. All source data is protected with redundant systems for communication, backup and logging of all processes and more

## 2 - VERIFIED TRUST

- user access control, authentications with hierarchal permission
- generative AI models for source of truth LLM's for Zero Trust
- approved roles with token access on a needs basis
- rules with secondary approvals and authorised actions
- approved access equipment – logging alert and isolations
- anomolies and sentinel alerts

OneSense innovation is the next step advance in OT and IT protections with end-to-end holistic integration of Platform and equipment all in one place





## Industrial Automation is the goal using IoT.

AI for Business needs a foundation platform digital infrastructure

- Computing resources to conduct processes
- Networking
- Data Storage
- User Access Control
- UI dashboards for visibility of your complete operations
- IoT devices to source end-point original data and facilitate actuations
- Connection Hardware to join IoT devices, platform and two-way data channel
- Communications technologies to reach applications
- Algorithms driven from Devices for processes that are autonomous

OneSense is an innovation for end-to-end integration and embedded applications designed to deliver this capability as the essential infrastructure for Business at the enterprise level available within all our Tenancies.



OneAii is the OneSense applications development division that uses the Platform capabilities to source original real-time data using integrated IoT capability in high performance Cloud based device driven data solutions as algorithms using AI.





## Strengths:

- Enterprise level fully integrated Cloud with private Tenancy for IoT
- the complex engineering has been built with security of devices, verified trust for user access control with real-time communications options to host any application from anywhere
- digital Infrastructure that changes the landscape of Cyber risk from vulnerable IP networks as non-productive defenses to an avoidance strategy for devices with low cost through DX
- A foundation Cloud tenancy targeted to OT for any IoT, with generative AI for IT as device driven for Applications including delivering regulatory Cyber risk solutions for critical infrastructure, that is client driven.
- Significant lower cost of operations avoiding the need for CAPEX spending, scarce skilled labour costs and consultant costs, with marginal only cost for the next project
- Support through OneSense engineering, Partner networks and our community resources.

## Opportunities:

- scale for growth and increasing revenues
- new low-cost business models with competitive advantage
- Net Zero support
- autonomous capability for operations and servicing Clients



## Challenges:

- positioning affected by leveraged supply chains with partial or 'layered' solutions.
- an early-stage startup
- speed of uptake for accelerated market growth

## Risks:

- conflicted claims from disparate suppliers as standalone Applications pitched as integrated solutions and secure solutions
- layered integrations in client IP networks as status-quo to avoid DX change
- executive concern for risk, costs and disruptions in DX



# CYBER RISK PROTECTION – is top priority for DX

2024 survey for top concerns in adopting IoT Platform

## 1. Cybersecurity

Cybersecurity in top position for 4th consecutive year. Cybersecurity has held the #1 spot since 2021, rising from 3rd in 2019. IoT Analytics mostly looks at cybersecurity from the lens of connected IoT devices and operational assets.

Recent IoT Analytics research findings related to cybersecurity

- Cybersecurity the top priority globally. Across all regions, cybersecurity was generally ranked as the top enterprise technology priority for companies adopting IoT software in 2023, with mid-sized and multinational companies globally, on average, marking it as a top priority.
- Cybersecurity is one of the biggest concerns for OEMs developing connected IoT products. Data security was the biggest concern/roadblock end users reported to connected-product OEMs when adopting new digital services and software.
- Security is a major factor when selecting an IoT adoption approach. On the end-user's end, when adopting enterprise IoT projects, 84% of companies that custom-built their IoT solutions did so due to feeling that IT security considerations could be better addressed with that approach. Of the companies who adopted off-the-shelf IoT solutions and used a systems integrator (comprising 42% of those surveyed), 100% shared that a solid IT security track record or reputation was either very important or important.

Select quotes on cybersecurity from recent IoT Analytics research

*"The risk of **cyberattacks** was our greatest concern [during our IoT adoption initiative] because of the greater vulnerability."*



ref: Top 5 enterprise technology priorities: AI on the rise, cybersecurity remains on top (iot-analytics.com)



# POSITIONING and

## STATUS-QUO – continuing risk

The future will no longer rely on part solutions from 3rd party components, compromising sources or layers of ‘security’ over vulnerable IP networks that remain **defensive** to Cyber risks and rogue actors that is expensive, without assurance. Proprietary Cloud providers and IP solutions are relatively unviable and at constant risk and may not be able to maintain pace with emerging capability like the leading Azure Infrastructure.

## NEW CAPABILITY:

- Modern Cloud with unique end-to-end full integration for platform, security, communications, data management and applications as simplified integration using this MVP to build out networks as needed
- Framework to lower costs for scale and operations that can also overcome the need for scarce skilled labour
- Operational Technology in Industrial Automation including remote and mobile application at scale
- Foundation platform for AI with trusted technology and meeting trusted original source real-time data needs

## MARKETS:

- Enterprise level digital Infrastructure for any size Business, and to operate from anywhere
- Public listed and large Corporations financial reporting solutions for Net Zero (ESG obligations)
- Global markets for PaaS, DX, CX, ESG and more
- Sovereign, Defense, Corporations and subsidiaries, Enterprise, Partners and Alliances and any small business

## VALUE:

### Tenants

- Lowering the cost of operations in a modern secure and sustainable digital Platform and foundation for AI

### Partners

- AI Application License for BIMS, ESG (Climate Change mitigation) monitoring and reporting, supply chain compliance obligation and tracking, Building and Construction/Mining/Agriculture solutions
- OT Cyber risk avoidance platform as prioritised demand of IoT transitioning businesses







Public Cloud with embedded security of devices in IoT for AI - the Future of Business

## Platform as a Service



Upgrade to a modern Cloud for your operations all in one place



# Any size business, any application, from anywhere AI driven secure solutions as options and opportunities



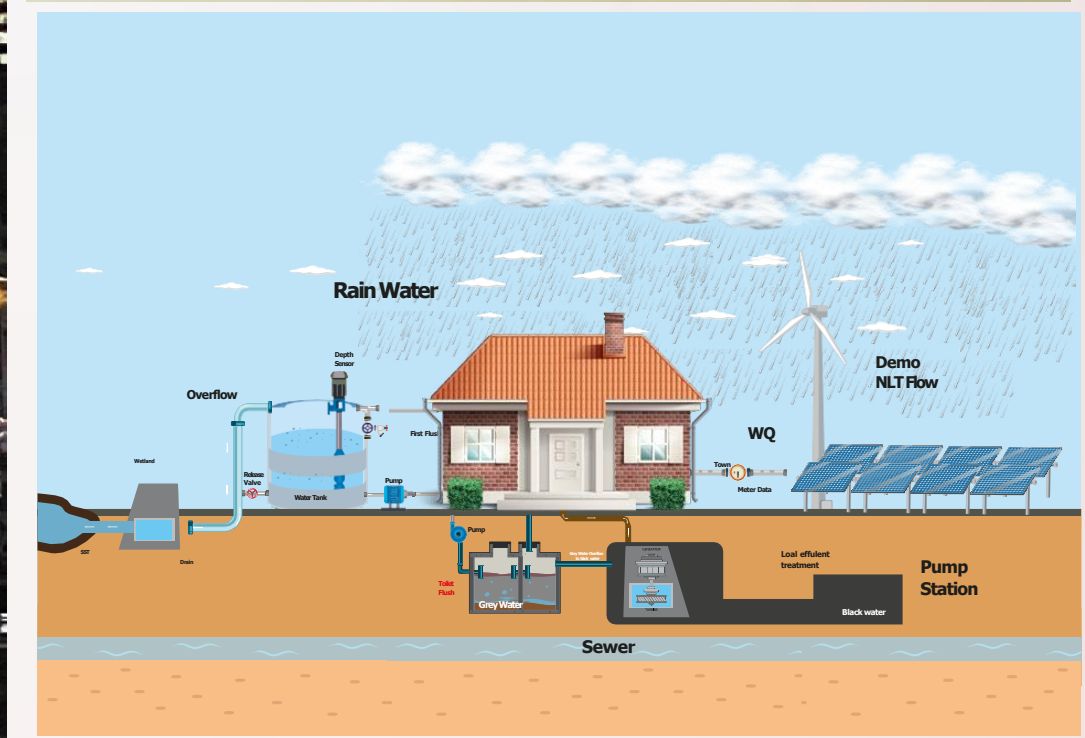
Off-Grid Environmental, Water Quality, Emergency Responses



Mining, Building & Construction, Infrastructure Applications



Food & Medicine Cold Chain Compliance. Remote and Mobile Tracking





# Cloud

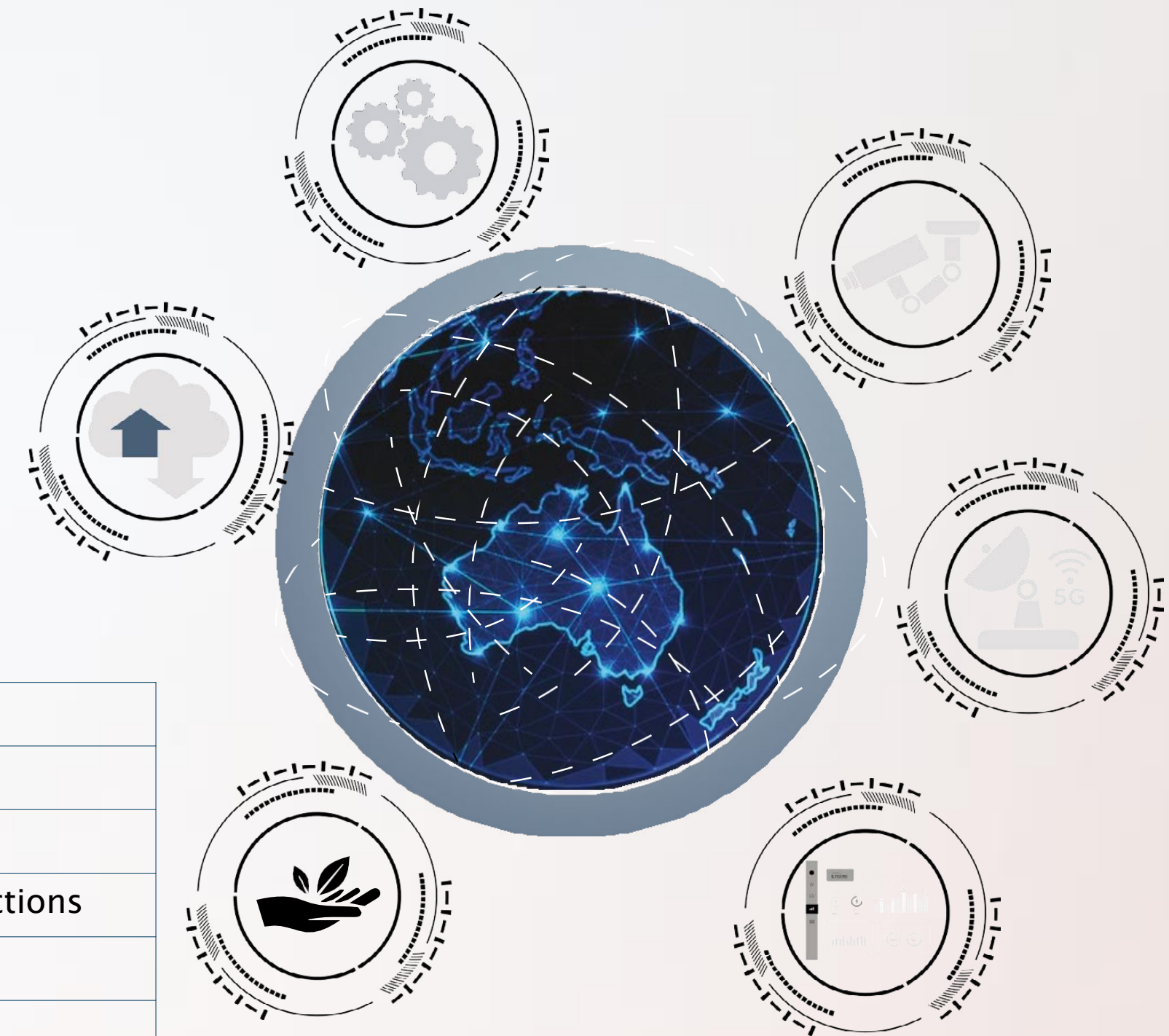
Premium holistic technology stack for IoT device driven data solutions

- valuable low-cost digital Cloud infrastructure delivered as Platform-as-a-Service
- innovation of next generation device driven data solutions
- supporting operational technology networks with optimal security of devices
- targeted critical infrastructure IoT solutions as a secure framework
- key platform for mobile and remote applications in OT including off-grid solutions

# IoT

All-in-One-place - top 10 competencies like no other (secure) solution in IoT

1	Foundation AI platform as the future	+ leading Azure hosting
2	Verifying hierarchical and trust access control	+ users, roles and devices
3	Build protected connection hardware	+ simplified and tracked integration
4	Secured end point sensors with OTA upgrades	+ including 3rd party / legacy asset(s) connections
5	Two-way data and actuation channel for always-on	+ autonomous operations
6	Real-time performance for critical infrastructure	+ rules / actions / alerts / logging
7	Encrypted data in transit and at rest on Azure SaaS	+ distributed replicated regional backup protected
8	WiFi, 4G/5G cellular, LEO, Lora, Bluetooth, GPS	+ integrated communications options
9	Anomalies, Alerts, Actions and Authorisations	+ supervisory oversight
10	Data and operational analytics, data visualisation	+ trusted data for ingesting and sharing





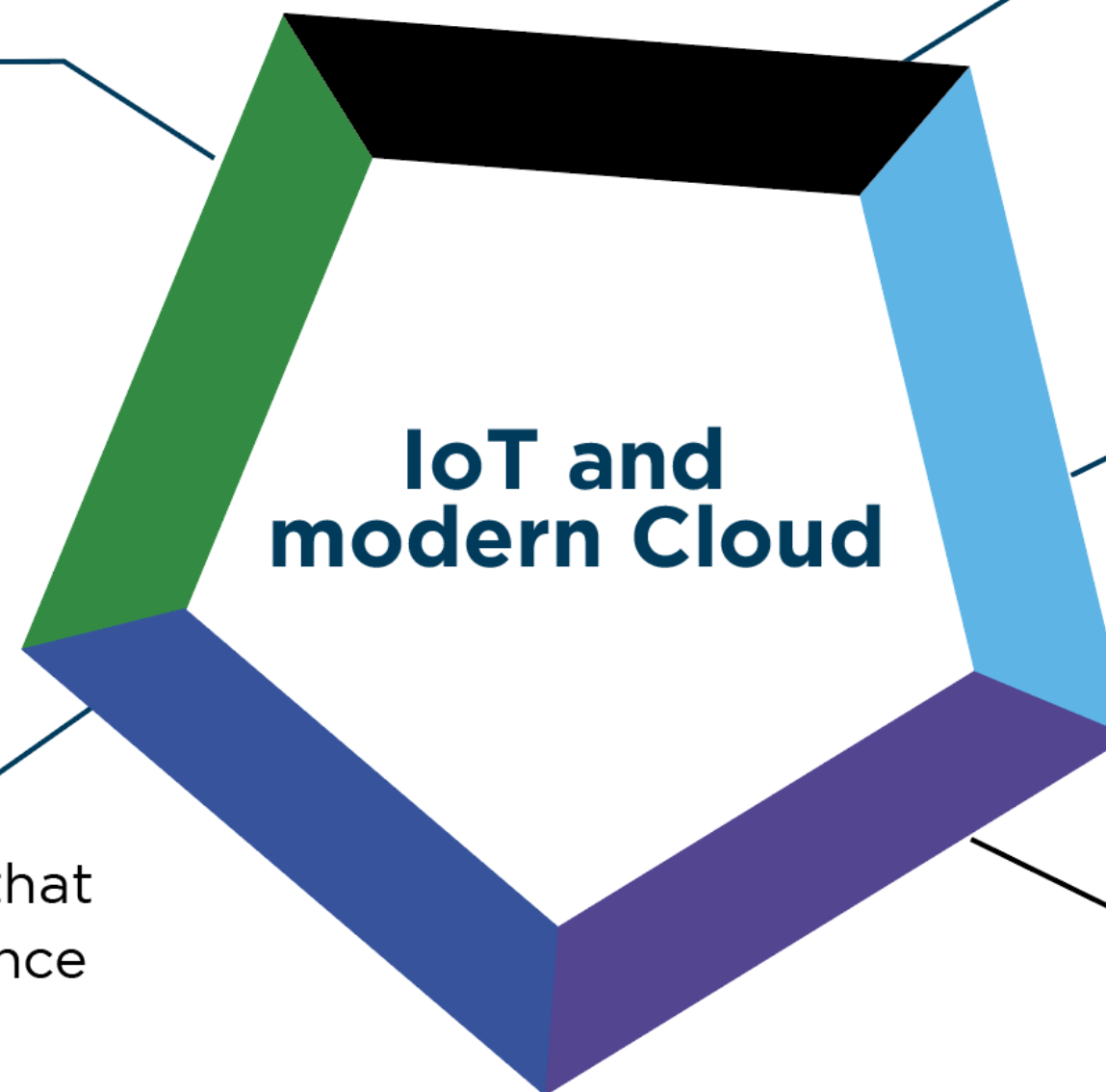
## KEY SUPPORT ELEMENTS

### Infrastructure as an asset

OneSense has designed and built a secure private cloud computing framework on leading Azure IaaS for your strategic digital asset(s).

### Security in all Things

Security is the principal specification that OneSense has innovated without reliance on IP given the persistent risk of disruptive cyber attacks that will only increase given the numbers of IP addressable devices in IoT



### Hardware available in One Place

Online store for low cost and quick access to the equipment you need when you need it

### Insights through Analytics

We provide unparalleled visibility into IT operations and security through real-time machine data correlation and analytics.

### Automation in Action

Automation drives virtual OT process, manages complexity and sentinel alerts in routine business and critical always-on infrastructure



## SMART BUSINESS STRATEGY

### STRATEGISE AROUND:

- AI is business
- Upgrade to Modern Cloud Platform
- Cyber disruption is inevitable with legacy IP based Networks
- your clients and competitors have or are upgrading
- you have no competitive advantage without lower costs, Cyber risk avoidance or IoT capability from anywhere
- sustainability is a valuable resource with protection for Nature

### HOW CAN I UPDATE MY BUSINESS:

- adopt a Digital Transformation DX Strategy in a modern Cloud
- using a Platform-as-a-Service with embedded capability
- that enables you to setup up for the Future of Business

**OneSense** is that holistic strategic capability as client driven with support and leadership for solutions in all industries and applications







## OneSense end-to end capability

- Foundation Cloud Platform ✓
- Security of Devices ✓
- Real-time responsive monitoring/actuators ✓
- Data Management ✓
- Roles and Users ✓
- Integrated Operating Framework ✓
- Applications and AI. ✓

at your fingertips

all in one place

lower cost of operations



## What OneSense has achieved

- » Give any enterprise opportunity in the new digital landscape to compete, to solve, to know, to grow and to be sustainable.
- » Digital transformation DX capability as the pathway to a modern Cloud with essential embedded application(s) achieved with the potential for significant cost reduction providing leading ICT infrastructure resources at scale.
- » A high value technology platform, with new agile business models and new digital product to deliver critical capability anywhere at the same time engaging your people for the Future.

---

## Our Guidance

- » Nature – with innumerable processes and integrated pathways that always delivers the ultimate solutions, that Business must support for the many essential natural resources we rely upon for our lifestyle and no less for economic prosperity.
- » OneSense supports any activities through our ESG policy and capabilities to help make an essential difference for sustainability

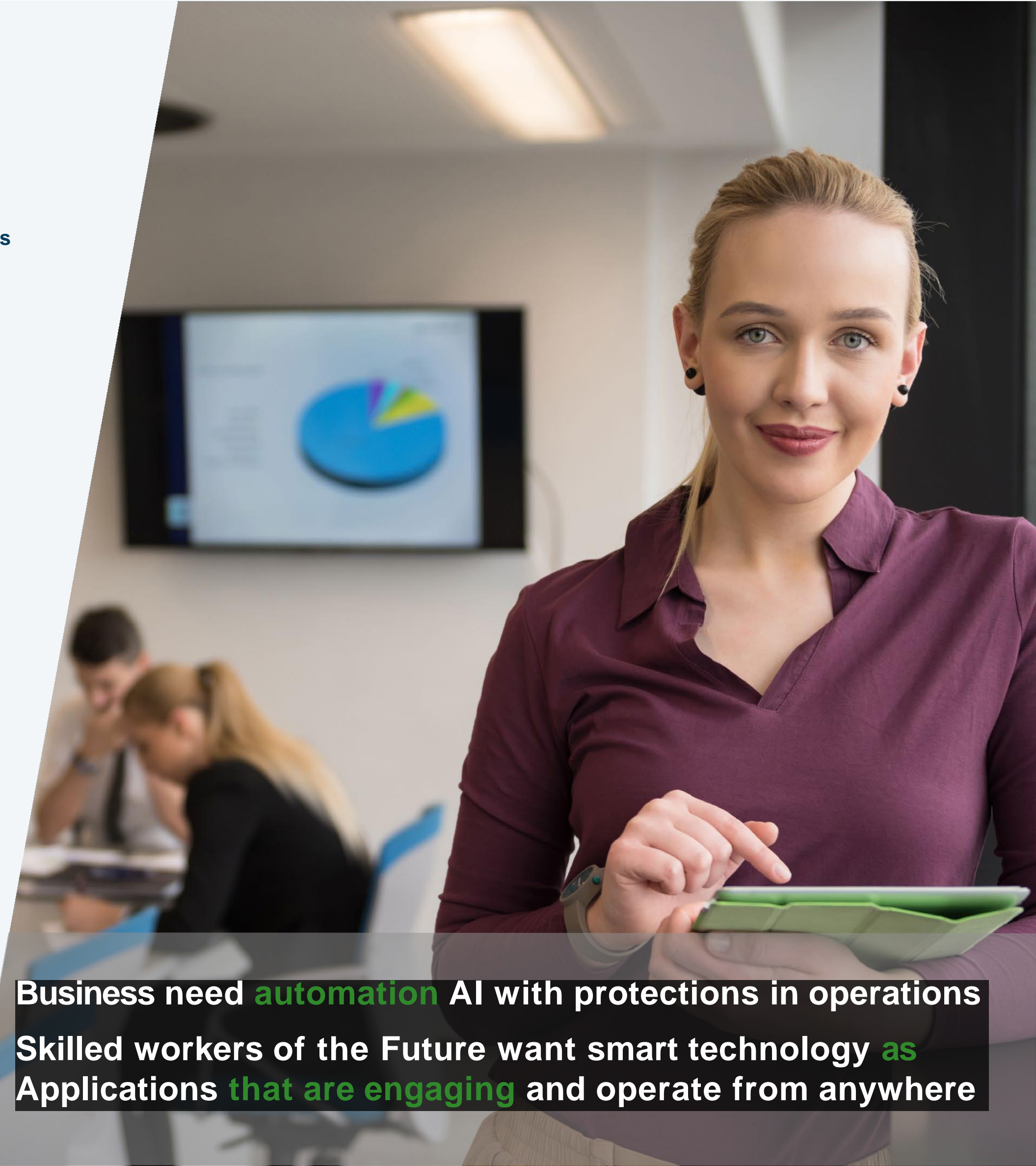






Public Cloud with embedded security of devices in IoT for AI - the Future of Business

DX



Business need **automation** AI with protections in operations  
Skilled workers of the Future want smart technology **as**  
Applications **that are engaging** and operate from anywhere



## CONTEXT FOR CHANGE - Intelligence

Any business owner would see changes in their circumstances, whether it is declining revenues or pressure from Client demands or simple resource constraints. Governments must be more protective but need to offer additional resources and solutions to deliver those essential services.

The world never stays still where dependency on supply chains and geo-Political events has highlighted new fundamentals, no less than for visibility of the services that drives essential enterprise. Cyber risk avoidance is an imperative for orderly global economic cycles and conditions.

Nature is suffering from the effects of Business operations that must change for sustainability that includes protections in co-dependent needs for energy, water, air and soils, and measured against waste reductions and emission controls.

**The biggest change** is through technology and the shift to device driven data solutions and harnessing generative AI in data management services. Disruptors have forced change, where smart technology is the emergent solutions from IR4.0 capability.

## EMERGING SOLUTIONS CHALLENGE - Strategies

These device driven data solutions have to be derived through rigorous strategy to overcome the disruptors and get revenues rolling with lower costs. AI is needed to support these imperatives for Business.

Given the scale needed to be sustainable for new infrastructure solutions and always-on operations with global markets access, those initiatives need to operate autonomously because of this complexity.

**OneSense innovative technology joins these dots that supports business infrastructures that is sustainable and protective in the Cyber landscape for devices that run operations.**

OneSense has innovated digital solutions in convenient usage models and packages that are reliant on the change for operations that bring a high level of competitive advantage, that meet many of the criteria for modern protected business operations and that are Now and for the Future.







Provides a technology platform for you to apply your applications for critical or always-on operations for OT and data managed IT.

OneSense is critically hosted on Azure that is a **Cloud-as-IT-comes** resource to build OPEN connectivity delivered from flexible Business models to select what best suites your needs.

## Cloud subscription options:

### • Public Cloud:

- Private Tenancy – enterprise client
- Executive Partner business platform –growing and managing their client base and needs
- Head Licence for diversified entities – self-managed capability

### • Privately operated Cloud

- Special Licence for sovereign multi-tenanted enterprise using accredited data storage SaaS Account (secret)



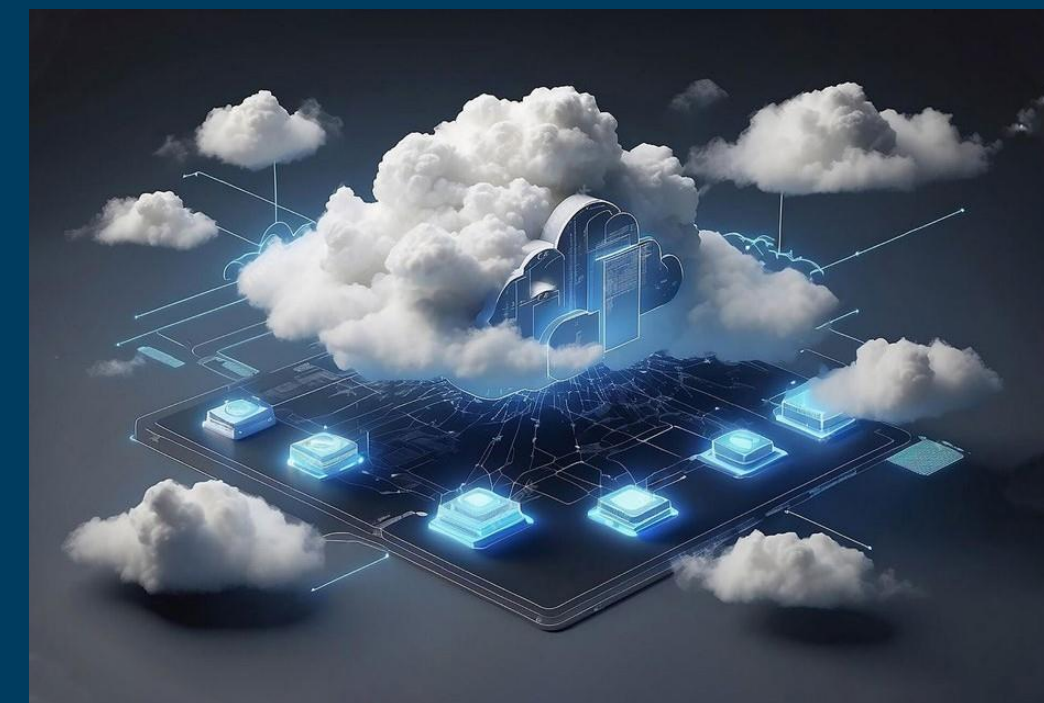
## Equipment and Application options:

### • Intergrated Hardware supply

- Universal interface hardware – secured Asset connection for operations
- sensors and controllers, alternate off-grid power systems and communications gateways

### • SaaS Applications - AI

- Environmental and Operational Intelligence
- Process Control – industrial automation for workflows, compliance, tracking and operations.
- Edge systems, Applications with Azure AI suite development





## Minimum Viable Product

From this foundation platform a Tenant can build out their networks. This is the means to have all the power and capability of the Platform whilst the Tenant can integrate and configure through the build-out and scale however needed.

The integration and configuration can make use of the simplified processes that does not need costly skilled integrators, however the OneSense Partners are there to assist you, so together all these embedded tools reduces your overall cost of your DX.

### Positioning – build solutions for critical operation in IoT – with:

- hardened Cyber security inside as segregated OT network
- simplified integrations to reduce dependence on scarce skilled labour
- climate change focus for driving Agile Business of the Future
- proprietary connection hardware (hubs/gateway) optimal for OT
- specialised in-field application monitoring and data sourcing for ML and AI
- self-configuration capability using rules, alerts, dashboard and other configurable needs of the business
- full integration of low-latency in communications technology for WiFi, Lora, 4G/5G cellular, LEO, Bluetooth and GPS
- off-grid systems to power mobile and remote applications conveniently
- Integrate existing legacy RS485 assets into a secure OT platform for critical infrastructure





## DIGITAL TRANSFORMATION (DX)

DX is essential upgrade for a new level of capability and protections including for sustainability

- transforming Cyber risk landscape,
- as the enabler for connecting each end of business
- taking advantage of intelligent connected devices and edge networks
- as device driven data solutions in real-time owned by the tenant for accurate AI operations
- providing cost reductions for increased scale driving growth and new revenue potential
- operating in a new global market that never slows down or waits for performance

OneSense is leading the way in the Cloud and IIoT market in critical client driven capability for OT with new lean business model(s) for the Future.

The competitive advantage of adopting OneSense is providing key capabilities and power in unique ways with essential digital transformation to step ahead.

- » for new high value digital products, with virtual delivery
- » new applications for faster and more reliable outcomes
- » segregating operations in OT before IT sharing and visualisations
- » having the best business intelligence to drive your Company's competitiveness
- » making all your operations dynamic, transforming Asset tracking and authorisation
- » monitoring real-time intrusion attempts to know what the enemy is targeting





# 5 PILLARS for successful DX



## Needs

Lift your business to be more competitive (solve pain points) or setup for a sustainable future where you know your needs but are not sure about the right tools for it to be achieved. You might also want to expand this understanding to include wants for the business (this is the creative and strategic thinking for your data solutions)



## Transformation

recognise the value of data driven solutions that operate in the Cloud for agility and sustainability for your business future

a mindset as a driver to make the necessary change to open up more capabilities that deliver new opportunities

- » Define and prioritize business objectives such as customer experience, productivity, revenue growth, attract skilled labour, employee retention, and other key goals.
- » Determine how you will measure the value of those objectives.
- » Identify and prioritize use cases that support your goals that will be driven by new technologies like AI.
- » Create a flow path with time schedules to help guide your investment in business development.
- » Transformation needs to be holistic device driven data solutions that addresses automation, scale and Cyber risk avoidance in a value solution that sets the business up for the future.
- » Assess whether you have the infrastructure for AI applications to access data securely, quickly, and at scale.



## Execution

### STAGE 1

Research the processes and solutions that are available, whether that requires adaptations or structural change for a new era in business

### STAGE 2

Define the platform inclusions, use a public Cloud as an open secure and scalable technology that is then client driven.

### STAGE 3

Analyse, be creative in the objectives and plan strategy across the business or parts of it as a stepping stone  
Execute the plan with the right investment

### STAGE 4

Simplify, automate and scale incrementally that aligns with new value for the business in operations including for automated client services

### STAGE 5

Drive improvements across the business with an open technology platform that is end-to-end solutions based  
Cloud resource that delivers low cost with volume revenue from scale and performance.



## Pitch

OneSense is unique for all these considerations:

OneSense is a full ICT infrastructure at the enterprise level as a Platform as a Service (PaaS) hosted on Azure

OneSense unique capability and strength of device driven data solutions covering many verticals will support competitive business into the future, to protect from legacy IP cyber landscape vulnerabilities and risk; with simplified integrations, self-configurations for rules, alerts, asset tracking data visualisations and logging of essentials.



## Start your DX

To assist any company to commence their DX (the status-quo is less viable for the future) an introductory package offer is available which includes connection hardware device, a weather station for dust, rainfall, wind with WiFi communication and power pack for immediate use on any tenancy at the standard subscription plan if useful for the business purposes.



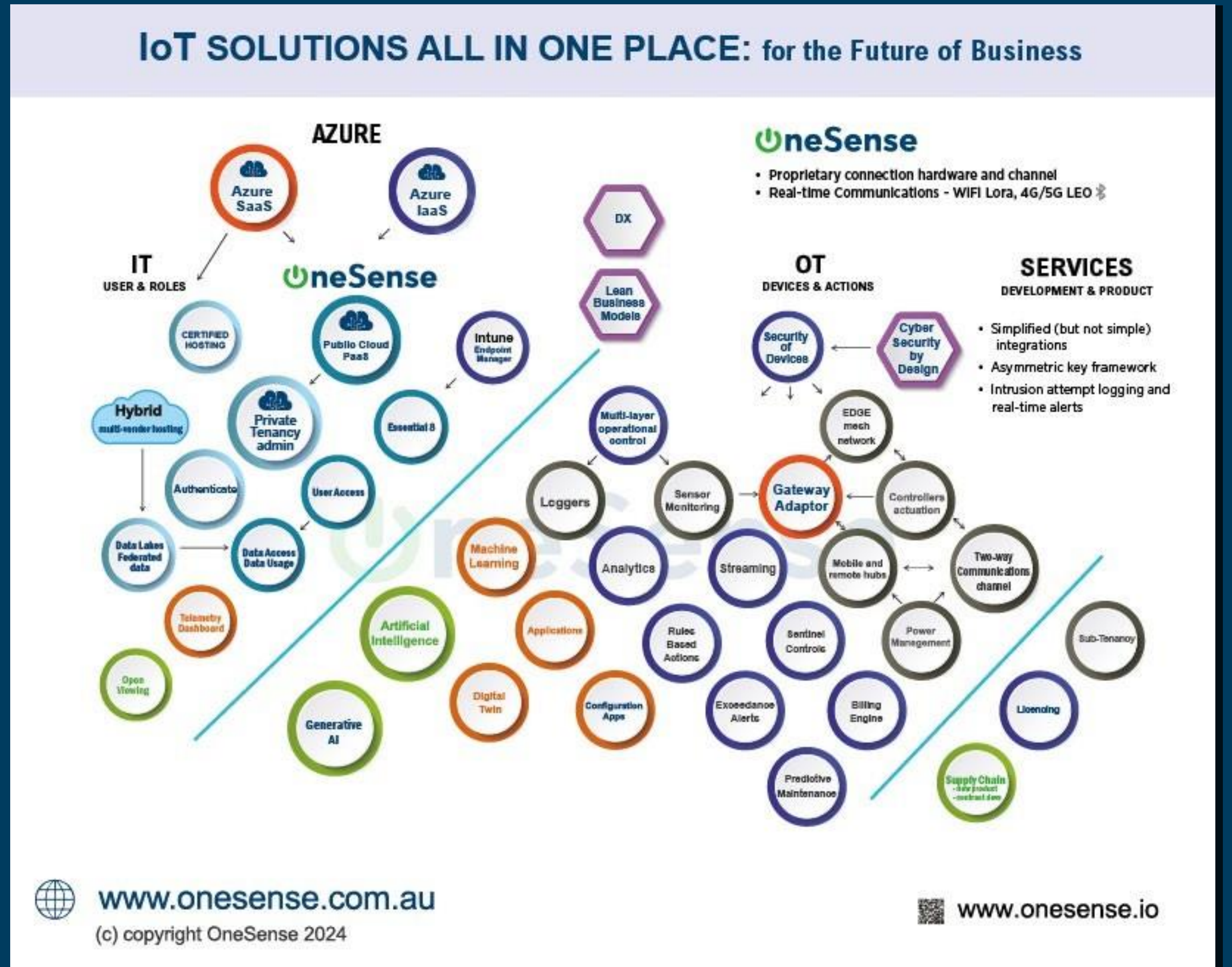
## OneSense Development - next generation innovation

- OneSense is a technology platform that makes cloud based solutions simpler and easy to apply.
- End to End integration capability is a valuable resource as a business platform delivered at a lower cost and with the necessary firmware library creation for third-party equipment.

## OneSense OT/IT critical infrastructure security is inside a private tenancy!

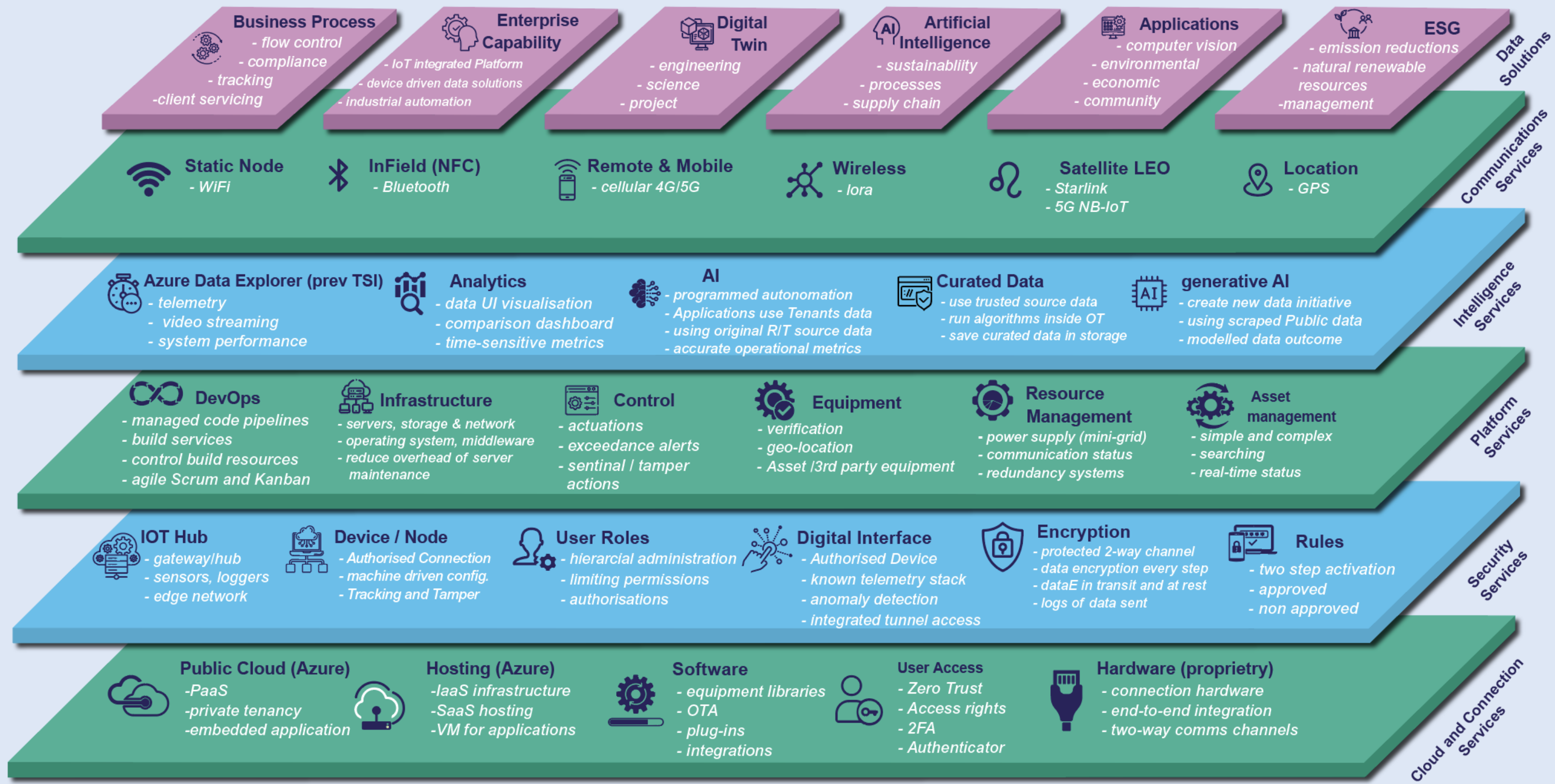
OneSense has been designed from the start around security of devices to bring innovative change to the way device security is strengthened for integration into critical operational technology networks.

Data is analysed and actioned in the OT network before curated data is open to traditional IT networks for viewing and sharing.





**Industrial IoT and Cloud capability - for device driven data solutions in OT**

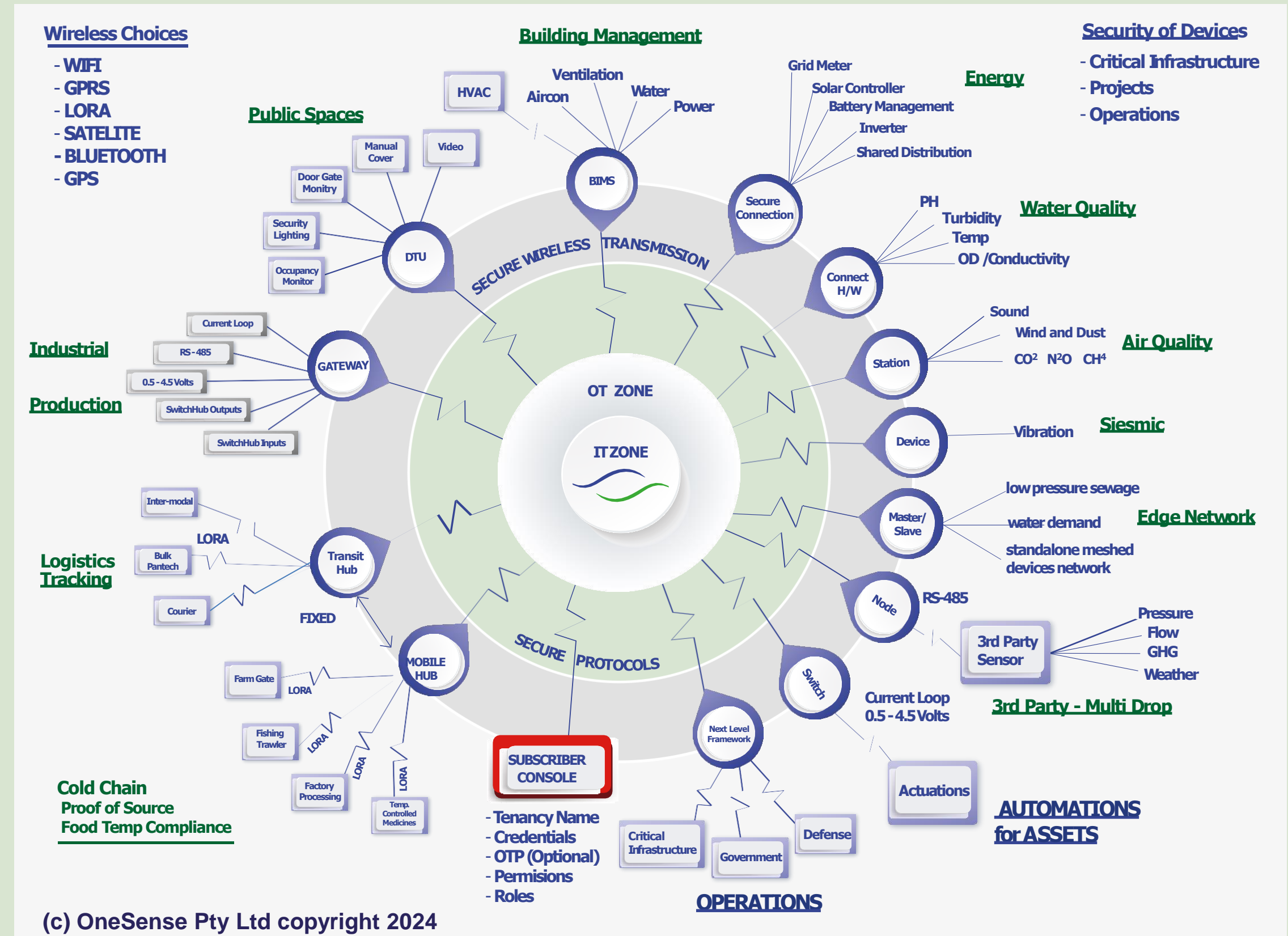




# DX leveraged Solutions building blocks and integrations

- Starts as a core cloud platform managed seamlessly at the enterprise level for control of critical infrastructure, prioritising security, telemetry, storage and availability of data for user access and processes.
- A private tenancy gives hierarchical user access and roles based authorisations to manage integrations and configurations for your developments in real-time on a global GIS view that can be installed anywhere, securely.
- Remote application data passes directly to mobile or destination hubs that sends all source data securely to the Cloud.
- OneSense universal adaptors are critical for field asset integration and can be applied to third party RS485 capable assets that are always-on.
- The product solutions are necessarily created on the OneSense technology platform as a part of the multi-tiered secure IoT system for device driven data that the tenant manages from inside their tenancy

**Data is delivered securely to the Cloud.  
The tenants role is to manage the IT administration and sharing!**



(c) OneSense Pty Ltd copyright 2024



# Building Networks for your Business processes

This is the exciting part, applying your investment for outcomes!

- **Modern Cloud based Network infrastructure**
  - » provides the means for scale and complexity at the back-end of business that lowers the cost for DX and for productivity, often through automations that opens the opportunities for competitive advantage and growth.
- **Engineering innovation with New Product development U need!**
  - » Device driven data solutions OneSense has developed shows the pathway to individual developments that are designed for your business.

Our focus is for OPEN access to the AI applications we have created that can be a part of your subscription to the Platform. Our objective is to have a robust platform that also delivers solutions for your needs.

These include:

- ESG as a high-level solution for International standards and application for emissions reduction for reporting for investment and verifying reductions. This application is driven from new policy, governance and alternate operations that seeks to avoid the emission of GHG's.
- Refrigerated Food and Medicine is an essential for our welfare that needs to be managed for compliance in the Cold Chain logistics.
- A process to bring Investors and Startups together through our Busii program to share opportunities for the Future.





# A look inside a Tenancy

**OneSense**

User Guide | 16 | Queensland \admin  
Welcome

### Home

- USERS: 4 (Max 30)
- DEVICES: 5 (Max 100)
- DASHBOARD: 3 (Max 20)
- RULES: 2 (Max 10)

### Map

Jul 30, 2024 6:44 PM - Jul 30, 2024 9:44 PM

Map | Satellite

Map showing geographical locations including Singapore, Indonesia, Papua New Guinea, Australia, and New Zealand.

### Alert


#### Recent Anomalies

MC-2N	10 hours ago
MC-1N	10 hours ago
MC-2N	11 hours ago
MC-1N	11 hours ago
MC-2N	11 hours ago
MC-1N	11 hours ago

[More Details](#)



# A look inside a Tenancy



- Home
- GeoConfiguration >
- Devices** ▾
- Device Profiles
- Devices**
- Device Groups
- Device Anomalies
- Dashboards >
- Operations >
- Analytics >
- Asset Management
- Market Place
- Administration >

## Device

[Export To Excel](#) [+ Create New Device](#)


Device Name	Location	Status	Connected Time	Last Activity Time	Creation Time	
MC-1N	Mt Chalmers	-	-	-	Nov 23, 2023 3:07 PM	⋮
MC-2N	Mt Chalmers	-	-	-	Nov 24, 2023 2:03 PM	⋮
MC-3N	Mt Chalmers	-	-	-	Nov 24, 2023 12:37 PM	⋮
MC-4N	Mt Chalmers	-	-	-	Nov 24, 2023 2:02 PM	⋮
MC-5N	Mt Chalmers	-	-	-	Nov 24, 2023 12:39 PM	⋮

Total: 5

 10 ▾





 [User Guide](#)



16




Queensland \ admin  
Welcome ▾

- Home
- GeoConfiguration >
- Devices >
- Dashboards >
- Operations >
- Analytics ▾**
  - Device Analytics
- Asset Management**
- Market Place
- Administration >

## Asset Management

 Search...

**Simple Assets**   Compound Assets

Simple Asset Name	Manufacturer	Supplier	Serial No	Installation Date	Creation Time	Modification Time	Status	
-------------------	--------------	----------	-----------	-------------------	---------------	-------------------	--------	---

No Records Found

Total: 0

Navigation controls: Previous, First, 1 (selected), Last, Next, Page size: 10 ▾

Copyright © OneSense 2024, All rights reserved.



# A look inside a Tenancy

## Device Dashboard

MC-4N

Mt Chalmers

2024-08-01 12:00:14

Connected

### Aggregation

Chart Menu

Panel\_Voltage  
**00.0**  
AVG value for Last 3 Hours

Battery\_Voltage  
**10.66**  
AVG value for Last 3 Hours

EnclosureTemp  
**27.97**  
AVG value for Last 3 Hours

Wind\_Direction  
**222.00**  
AVG value for Last 3 Hours

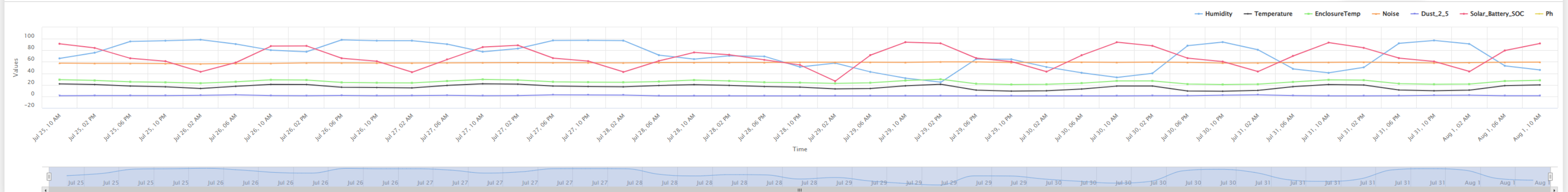
Wind\_Speed  
**5.50**  
AVG value for Last 3 Hours

« < 1 2 3 4 5 \_ 13 > »

Line Chart  Area Chart  Bar Chart

### Telemetry

Chart Menu



### Telemetry Data

Export To Excel

Chart Menu

Date	Time	Telemetries Temperature
01/08/2024	12:55:00 PM	28.20
01/08/2024	12:50:00 PM	27.80



# INTEGRATIONS as SOLUTIONS

## Process Control

- » building management information systems
- » behind the meter water demand management
- » cold chain tracking and compliance
- » mining and engineering site monitoring
- » water quality managementt

## Field Services

- » agriculture solutions
- » energy generation and distribution

## Environmental monitoring

- » disaster alert and management
- » greenhouse gas emissions
- » video streaming to bring your sites to your desktop

## Rules based process to drive Actuations

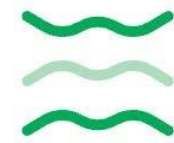
- » critical infrastructure – asset performance
- » overseeing safe work
- » surveillance streaming





# Amazing Ability IoT

The OneSense Team are here to help



## Collect

Every day, we are surrounded by sensors that detect, measure and collect data in some form. Underlying is our ability to secure data onto our leading Azure cloud platform hosting your secure TENANCY.



## Analyze

OneSense can draw together real-time and data stocks to understand and represent the relationships or exceedance of critical always-on systems that are viewable for your business anywhere.



## Act

To act on your data is another step using your collected data. Whether for autonomous control or intervention from control room supervision or rules based compliance all the time being readily viewable in the dashboard.



## Ready

OneSense is available at your fingertips, any time anywhere communication reaches even in inevitable blackspots where OneSense hardware can retain logged data in storage for when transport enters a communications zone. OneSense is ready to connect a device with multiple secure processes aligned with integrated administration.



## Accessible

Whether by smart phones or personal ipads, ruggedized tablets and scanners, anywhere communications reach your access is available within the administrative hierarchy of the organisation or public access settings allows.



## Value Packed

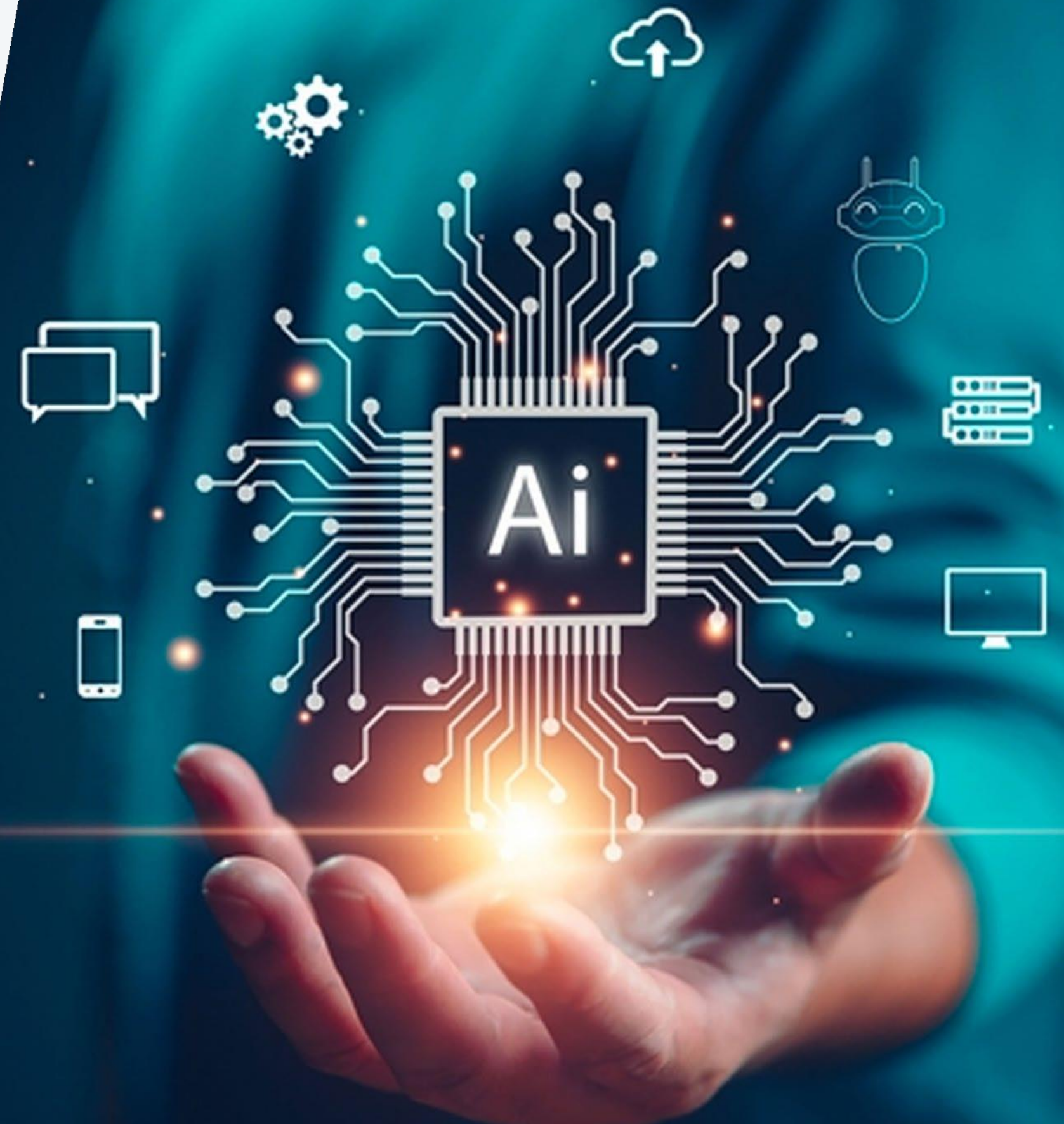
OneSense is businesses friendly and is delivered as you want. Your low-cost subscription is the flexibility that allows the enterprise level of operations.





Public Cloud with embedded security of devices in IoT for AI - the Future of Business

AI  
generative AI



**OneSense** has delivered a secure high performance Platform

Now we are leveraging our unique capability Platform to operate critical AI programs to support our Clients



## Origins:

- OneSense evolved from a strong Water and Solar industry experience for the need to better manage water quality improvements for healthy water resources.
- From our expertise in collection, use and conservation of water, IoT was identified as the credible means to monitor and measure parameters from Nature's natural renewable resources on which Community and Business rely. Nature's Water Cycle delivers important resources we need for our existence given population increases, economic imperatives and improved lifestyle that gives us the benefits needed especially where everyone realises the importance and contributes.
- It was also realised that the nexus of water and energy needed to be considered together to get the best practice for conservation where waste and emissions was also minimised from the excess that have been all to convenient.

## Opportunities:

- new digital business that helps join all the processes and needs, cost effectively
- autonomous capability for Operations and Sustainability
- to make a difference in remitting Climate Change impacts of Business where OneSense does that through AI with high level Applications including ESG provided by default on OneSense IoT platform for any business and any entrepreneurial opportunity

## Challenges:

- meet the needs of Business and its Markets to deliver outcomes that supports our Economy and Lifestyle.
- how to measure and act on the metrics and variables that can deliver the best outcomes for the inter-dependence with Nature

## Risks:

- Executive concern for risk, costs and disruptions in driving a DX solution for Cyber landscape and cost mitigation
- necessary responsive market investment to extend new capability in secure device driven data solutions platform

**OUTLOOK**



# AI is Business



OneSense has developed this innovation in AI capability leveraged and simplified in the Cloud for any size Business to use however they build out or need, delivered in a subscription model that tenants manage only for what you need.

- Remembering that Business is about process, repetitiveness and reliability that we have always done through smart but reactive systems. AI steps ahead by understanding the methodology, seeking out the parameters and acting to conduct process autonomously to a set of rules.

Using a OneSense Tenancy you can trust your data, that is real-time for advanced operational process that delivers your AI with reliability and assurance, as it is your private data giving the data solutions you need.

With automations any Business can equal the larger enterprise ability and can scale for both the supply side and the client services of business.

- Using OneSense well developed OPEN Cloud as a technology platform, will significantly help build your business, avoiding CAPEX costs and with lower operational costs that runs your business, that frees up business to focus on growth and new revenues while developing sustainability along the journey.
- So with Artificial intelligence programs, combined with foundation computing resources, with automations to simulate human intelligence and problem-solving capabilities when connected, helps drive your smart business.

## AI is Business, now!

This capability and power only comes with change delivered through a DX to a modern Cloud that leaves the traditional IP vulnerabilities behind. This is your prudent strategy that sets up your valuable Business for the Future.







## Operational AI: **The capable Business**

**One Aii** capability is leading the industry for simplified AI solutions, as trusted data for reliable and accurate AI models delivering amazing autonomous capability for clients. Automation through simple rules or more complex processes from AI is essential for competitive Business of the Future

**One Aii** helps any business develop their tailored AI for use in operational technology for precise controls for the objectives of their operation.

## Generative AI: **The extended Frontier**

Generative AI creates something new from the piece of information it is given. The emerging generative AI applications are largely the domain of the 'Big10' Cloud Infrastructure providers who hold vast amounts of public data for generalist outcomes that **One Aii** will disrupt using your data for your critical operations that will be leveraged from OneSense development critically built in Azure infrastructure!

Azure CoPilot will increasingly support interdependent data management to leave vulnerable IT networks behind. This maturity is new where it is recommended that Business apply due caution for critical operations.

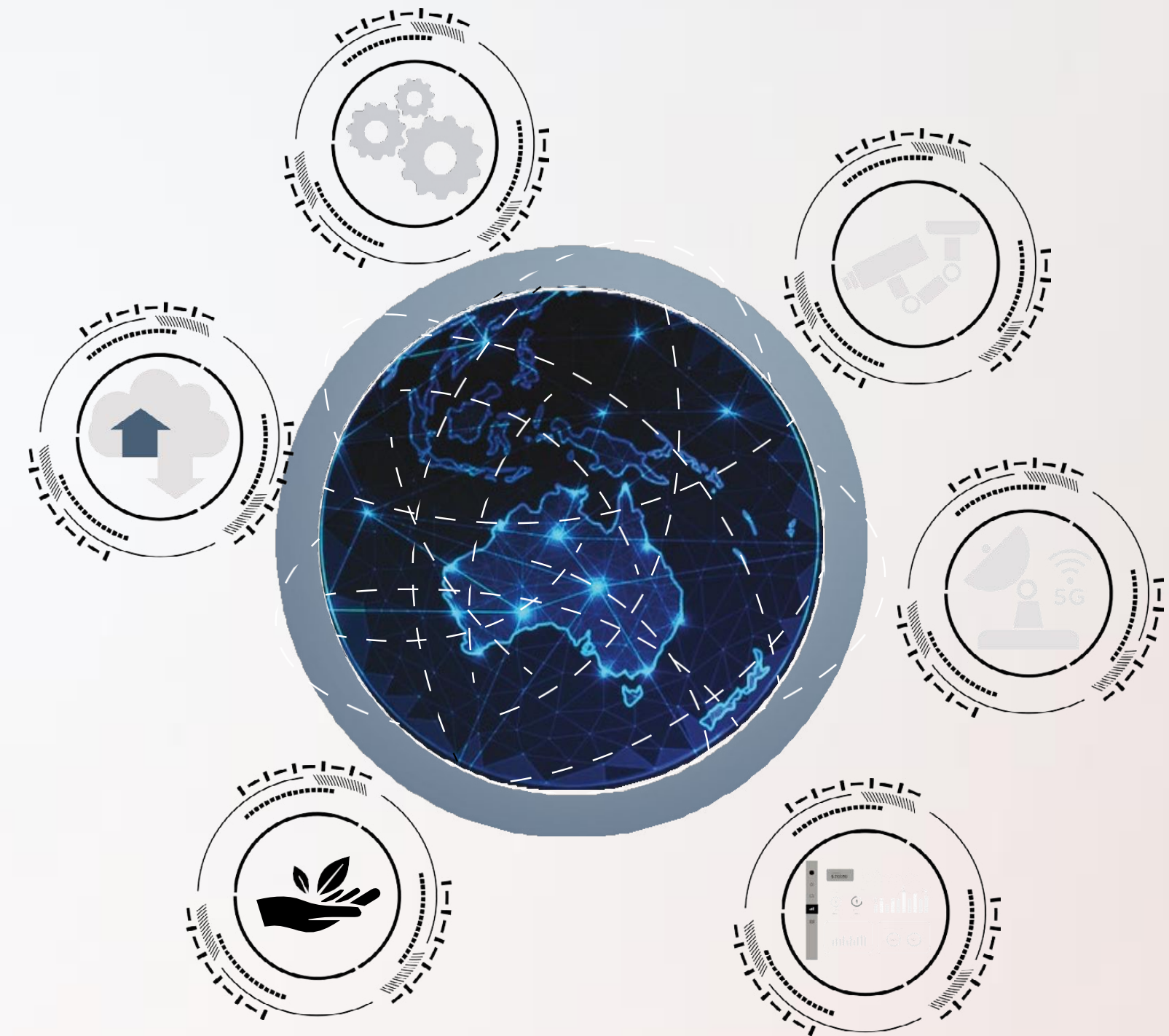
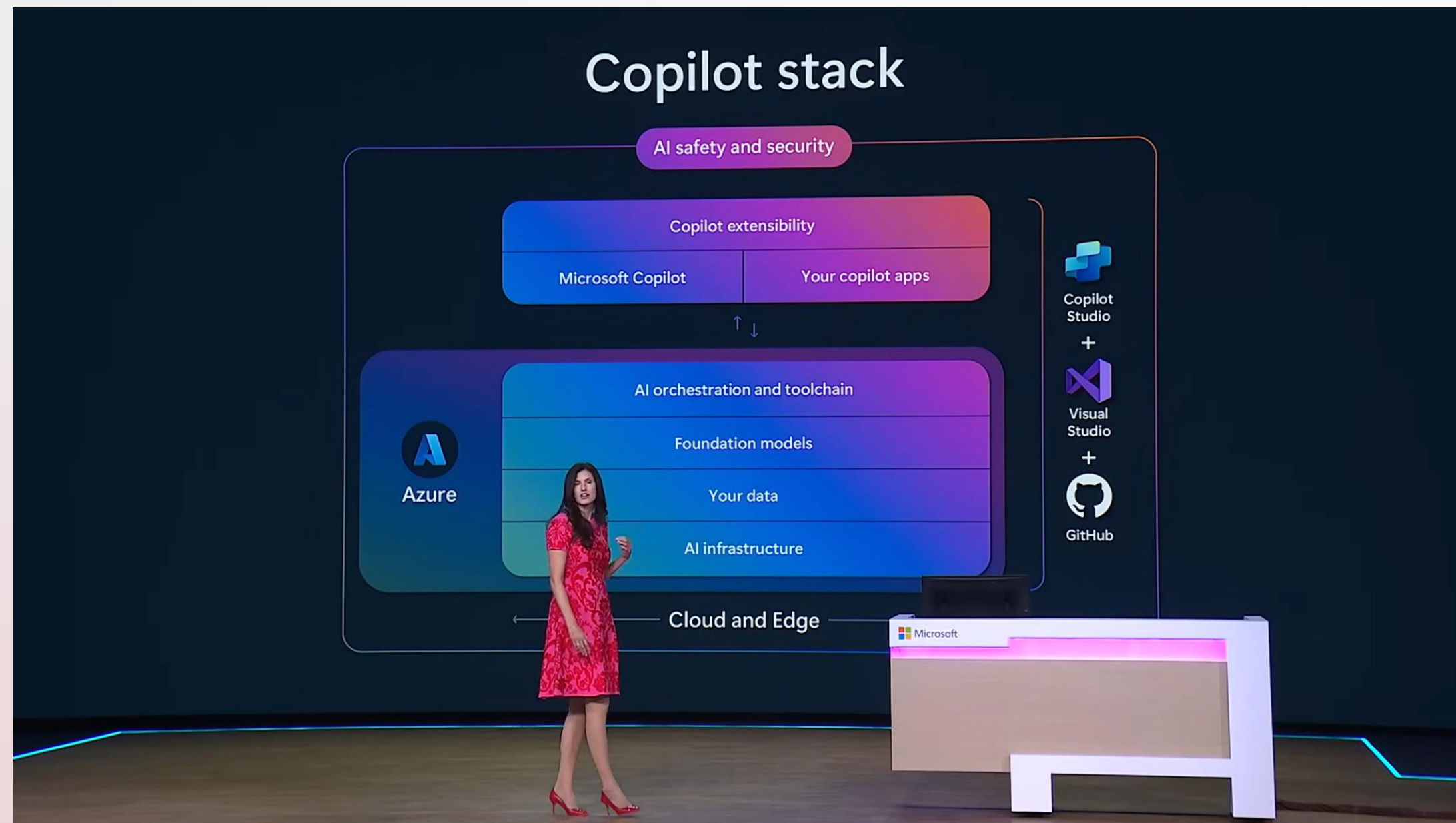




# Generative AI services

OneSense is building for Responsible AI, including each Tenants has a dedicated Azure CoPilot Suite to address IT Network operations

- with security in all vectors, hardware devices, access control, data lakes and code
- with seamless platform and data integrations using tenants' own data
- include performance and assurances using Azure Fabric for one instance of any data set





# BUSINESS INTELLIGENCE AND STRATEGY

Adopt a Future of Business strategy using IR 4.0 capability

## Economic resilience:

What strategies should we implement to build resilience against potential economic downturns and ensure sustainable growth in a volatile economic environment? (key concerns of c-suite executives)

## Drive change with DX to have a foundation for artificial Intelligence in a segregated OT network for Operations

- » build capability for ML and trusted data for AI for autonomous actions and actuations
- » add end-point real-time data sourcing and modelling using dedicated security of devices
- » UI for logs and reporting for operational performance including exceedances
- » verified (zero) trust for user access, and pass curated data to suitable IT network for sharing

## Lean business model

- » minimalist resources to conduct operations and servicing client needs autonomously from any fixed, remote or mobile application using a modern Cloud Platform at scale
- » manage complexity and assurances in real-time with automated rules and AI for critical infrastructure and always-on OT

## \* Create and Integrate new digital products:

- » Universal hardware adaptor for analogue and RS485 sensor application(s) with supported libraries
- » Source approved quality hardware from stock, available all-in-one-place at lower costs for authorised integration in secure OT network
- » Workflow process programming, UI design, and adaptive hardware prototyping built for the business needs under contract







Public Cloud with embedded security of devices in IoT for AI - the Future of Business

ESG



**OneSense** has a dual purpose ESG development objective for:

- » our corporate obligation to publish our Net Zero progress
- » a high-level quantitative data App to support our Clients



## **CARBON EMISSIONS REDUCTION TARGET for 2030**

### **Australian targets are set for 43% of 2005 carbon emissions level**

The Australian Government has assessed a target for the nation and its business to achieve in meeting global obligations towards reducing specific GHG emissions with a transition target of reductions of 43% by 2030.

### **NET ZERO by 2050**

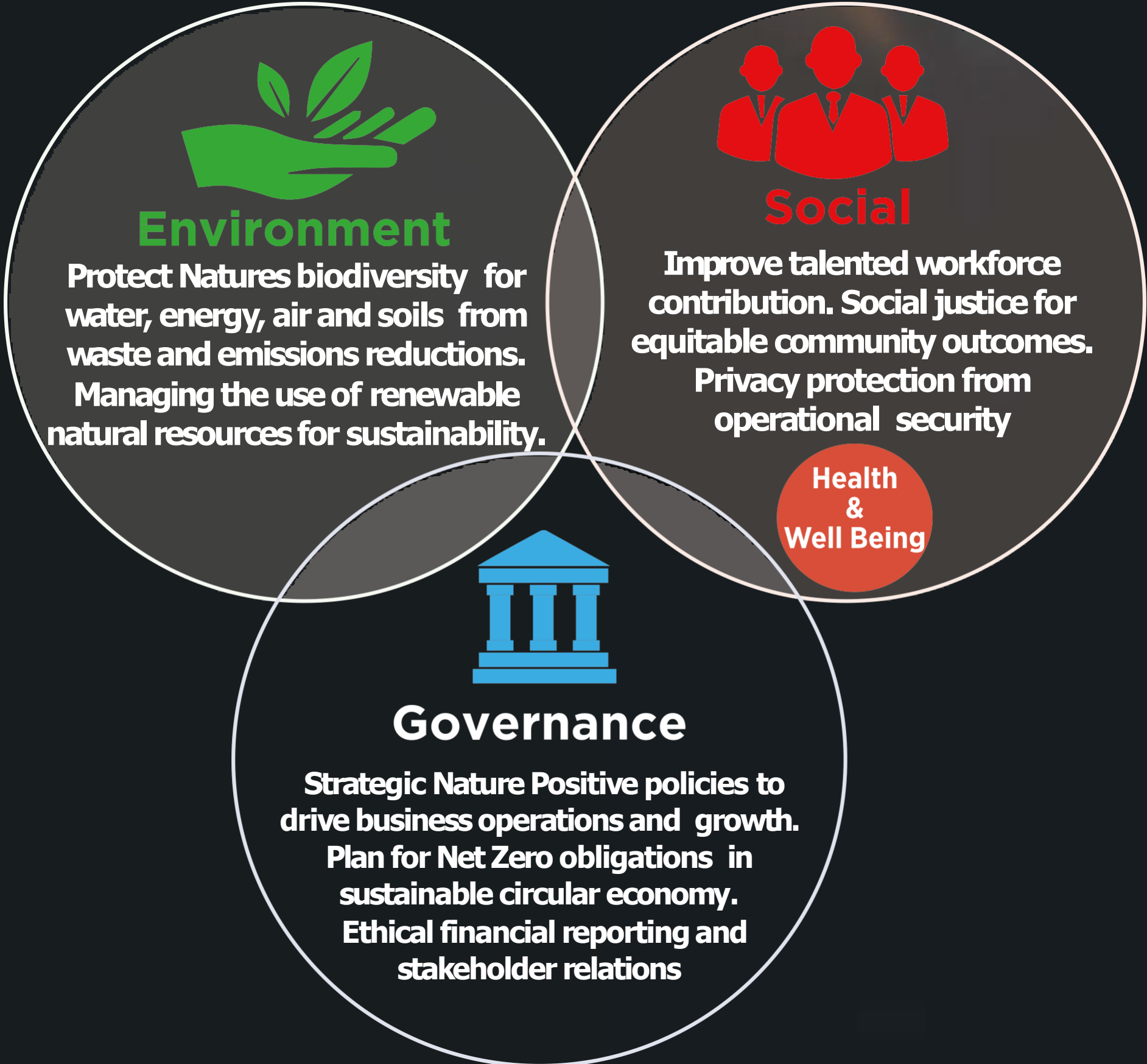
The Paris Agreement (COP21) adopted December, 2015 was an International Agreement targeting the reductions of Green House Gases GHG emissions measured as Carbon Dioxide or Carbon Dioxide equivalent largely from Methane and Nitrous Oxide and other hydrofluyorides into the atmosphere as a significant and global imperative to remit. This International agreement has culminated in the International Sustainability Standards Board (2022) to quantify the actual reductions from Business operations to meet the Net Zero target.

Business has an obligation at law and morally for Governance of their operations for these targets.





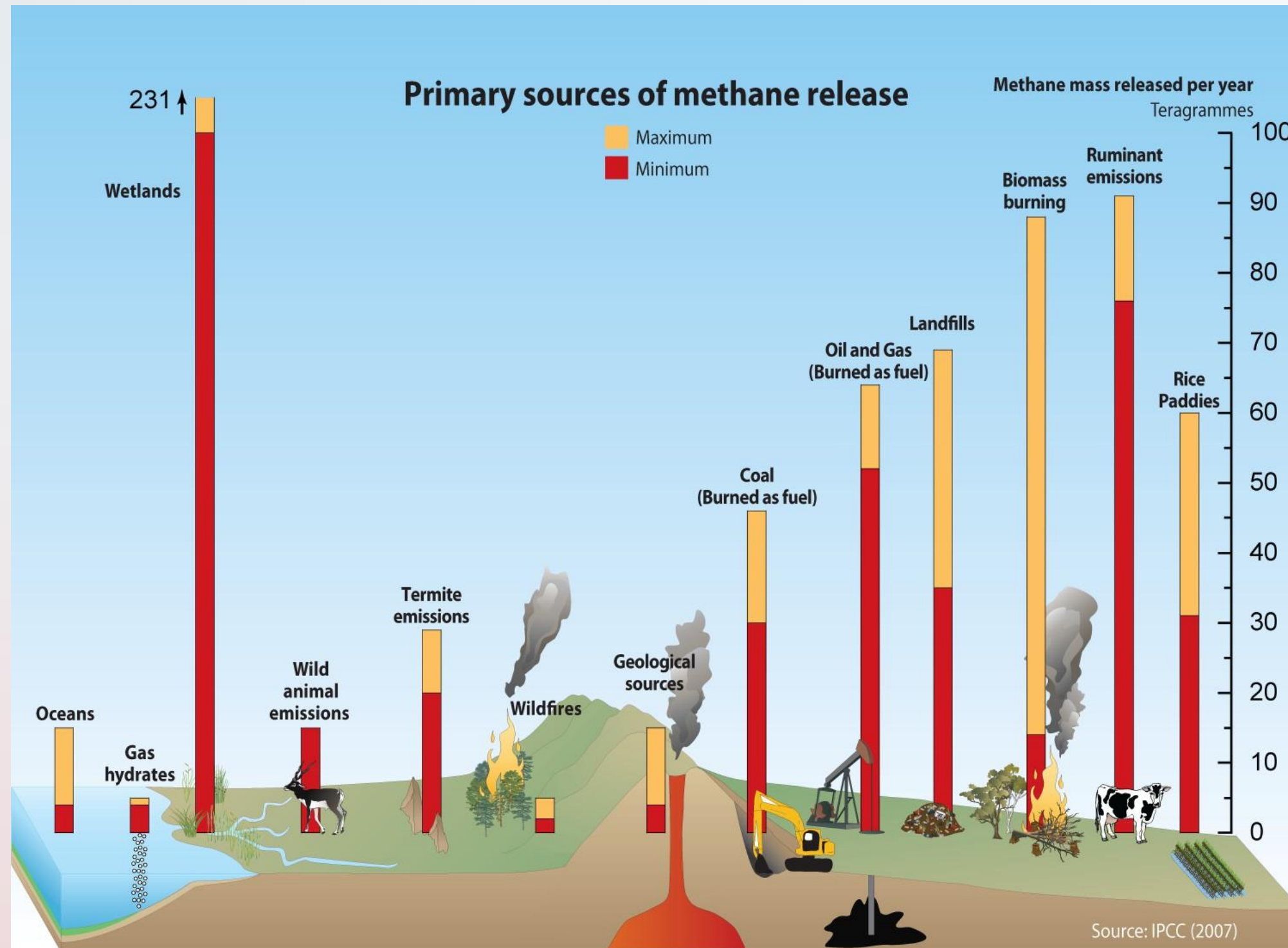
**OneSense ESG policy  
building Stakeholders Trust**





# Waste and GHG emissions – where Nature and Business collide

## What needs to be done to change the balance for good?



### Sustainability drives OneSense business.

Our essential co-existence with Nature has responsibilities for Businesses to mitigate the impacts causing Climate Change and be sustainable with the use of natural renewable resources essential for Business.

IoT helps protect Nature from understanding, quantifying and managing for sustainability that also avoid emissions from business operations. Whilst many emissions are natural occurrences, business operations often over-use resources that accentuate the emissions occurring.

There are strategies and alternate processes that should be used to avoid the anticipated emissions occurring all together, that is a function of Policy and Governance as well as education of staff to adopt a Nature Positive approach.

This is the means and key development for Business to care for Nature sustainably, that is aligned with essential growth for the Future.



## NET ZERO - pathways, targets and compliance for Carbon Emissions reductions

**SASB® Standards** are designed to identify and standardise disclosure for the sustainability issues most relevant to investor decision-making in each of 77 industries. [Download SASB® Standards - SASB \(ifrs.org\)](#)

As of August 2022, **the International Sustainability Standards Board (ISSB)** of the IFRS Foundation assumed responsibility for the SASB® Standards. The SASB® Standards are important guidance in fulfilling the requirements of **IFRS Sustainability Disclosure Standards**, and the ISSB encourages their continued use.

**IFRS S2** sets out the requirements for disclosing information about an entity's climate-related risks and opportunities. In particular, IFRS S2 requires an entity to disclose information that enables users of general purpose financial reports to understand:

- a. The **governance processes**, controls and procedures the entity uses to monitor, manage and oversee climate-related risks and opportunities;
- b. The entity's **strategy** for managing climate-related risks and opportunities;
- c. The processes the entity uses **to identify, assess, prioritise and monitor** climate-related risks and opportunities, including whether and how those processes are integrated into and inform the entity's overall risk management process; and
- d. The entity's **performance** in relation to its climate-related risks and opportunities, including progress towards any climate-related targets it has set, and any targets it is required to meet by law or regulation.

The **Australian Accounting Standards Board (AASB)** has tailored the requirements for local application.

The AASB is an Australian Government agency under the *Australian Securities and Investments Commission Act 2001*.





# ESG Essentials

Metrics for environmental impact, social good and corporate governance performance that builds stakeholder trust

## \*Sustainability

- » Manage the need for renewable natural resources, with effective climate responses for environmental protections and sustainability as leveraged Business inter-dependancy
- » Growth through innovation from R&D for next level investment

## \*Community Benefit

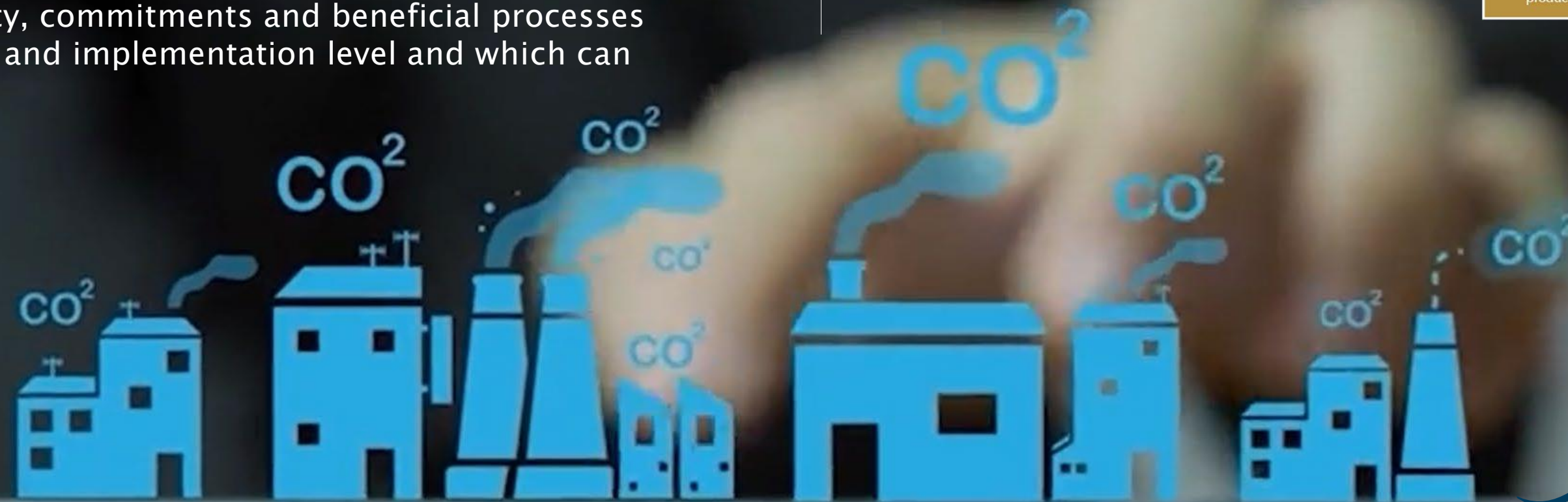
- » Adhere and improve outcomes for social good.
- » Adopt ISSB reporting framework and UN Sustainability Goals to validate that performance
- » Innovating smart places, smart equipment and processes in a green economy for safe and enjoyable human outcome
- » get people engaged for the future

## \*Governance

- » Transparency to show the performance of your company and share results of relevant analytics with your Community
- » Drive new business policy, commitments and beneficial processes from the executive level and implementation level and which can be shared

# SDG Goals

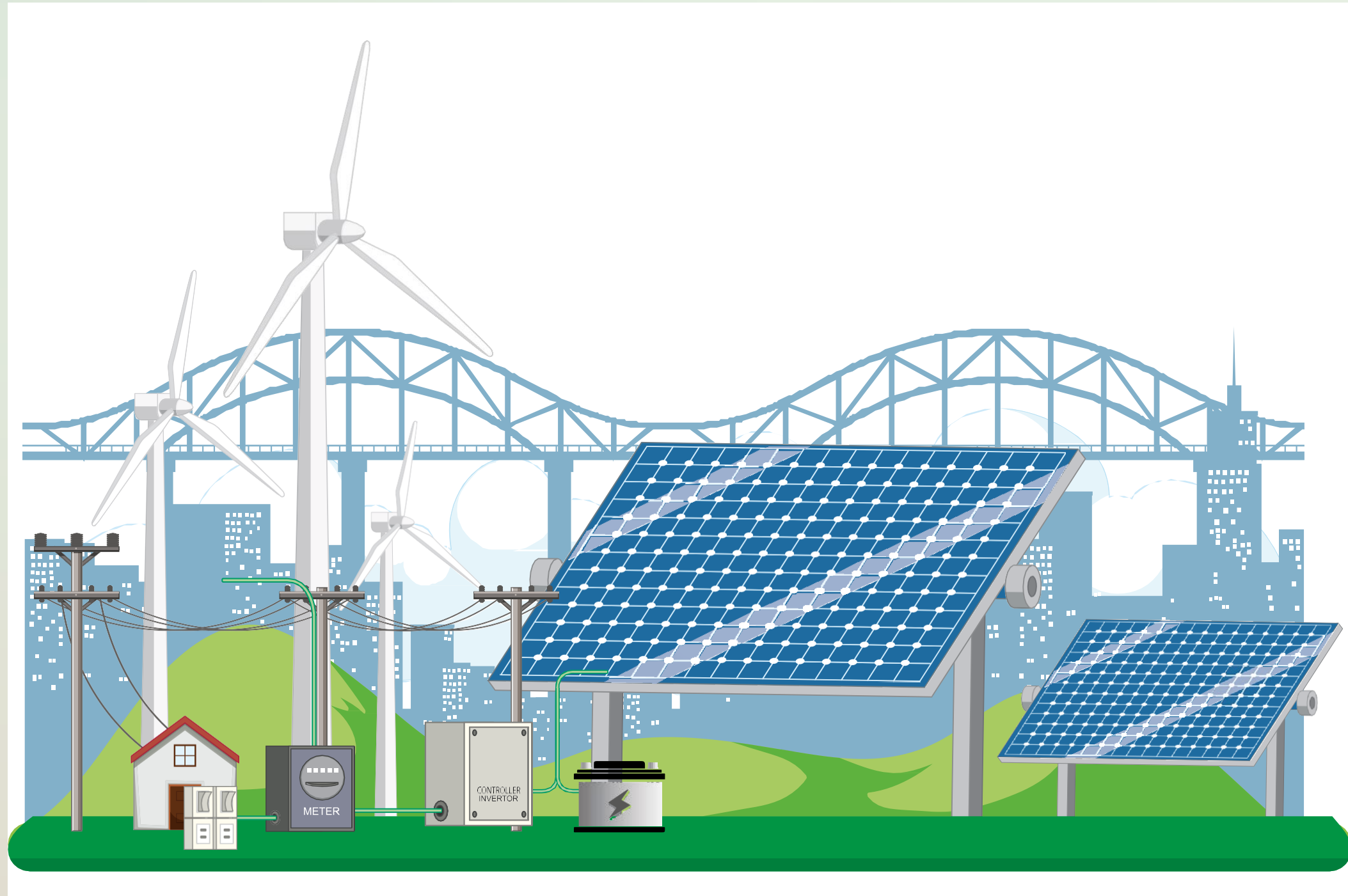
(c) OneSense Pty Ltd copyright 2024





# Energy is the major carbon emitter needing change!

Nature provides amazing opportunities for energy generations from solar, wind, hydrogen, thermal, wave and nuclear options that can be engineered for improved application



**Sustainability is a driver of OneSense 'green' orientated business.**

Nature provides abundant energy from our Sun and Business has engineered the necessary processes to harness and distribute that energy that is transitioning to minimise impacts on Nature.

Business is reliant on large amounts of energy in a sophisticated world that improves our wellbeing and lifestyle that must endure for the next generations.

Technologies are available that can positively change the way Business conducts its operations as we have seen from the transitions from oil, coal and gas in a carbon intensive environment that have now become untenable impact on Nature's ability demonstrated in climate changes in our environment.

For these technologies to succeed in an efficient and conservative manner in the scale that involves us all, **IoT and modern Cloud is the enabler** for ensuring the targets and timeline obligations for NetZero ambitions.

This is the means and key development for Business to autonomously care for Nature as sustainability, aligned with essential growth for the Future.



**WATER** is an essential resource that needs to be managed as an available healthy resource where it is needed and for sustainability

Water quality beyond the water cycle requires large amounts of energy in its water quality processing. IoT is an enabler for the necessary scale and compliances for healthy drinking water and business process.

Water resources in Nature as a part of the water cycle are everywhere including in remote and often inaccessible places around the globe. They are an essential part of Nature's process with complex ecosystems that deliver the resources Business relies upon.

Supporting and improving Nature's natural cycles for water, air, soils, flora and fauna would benefit from the reach and capability of IoT to maintain the balances needed for a sustainable Future.

IoT and modern Cloud is an essential middle part as an enabler to help mitigate Climate impacts, anywhere and everywhere.





## ENVIRONMENTAL IMPACTS - EMISSIONS AND WASTE



### A Circular Economy focus for contributing to the balance with Nature

Our essential co-existence with Nature has responsibilities for Businesses to mitigate the impacts causing Climate Change.

The impacts from market behaviours, over consumption and a disposable society are all causes for concern from the resources that produce our products.

Recycling is a responsible action and also valuable action to be undertaken that will have the effect of 20% to 50% reduction of waste, energy and financial resources all taken together.

DX is an important part of the pathway needed to automate and ensure outcomes including from a circular economy that addresses emissions, contaminations and waste disposals.

A part of the solutions is to restore naturally occurring Carbon sinks like increasing afforestation initiatives and rehabilitation for soils from overuse without allowing fallow time.

There are many initiatives that provide and demand commitment applying these alternatives from the expedencies as the means and key development for Business to care for Nature as sustainability, aligned with essential growth for the Future.



## Business can apply solutions in practical ways for using natural renewable resources in tandem with established unavoidable processes – leveraging prudent carbon offsets for good



Carbon is also needed for Nature to conduct its processes for air quality and soil conditions albeit in the right quantities. IoT and modern Cloud help get the balance right and keep the natural and physical cycles in sync.

Our sensors and various imaging can be selected for environmental intelligence, process and controls even as remote and mobile applications, often off-grid for analytics and viewing to help manage between Nature and Business

Smart technology supports the need for Businesses operations by measuring and controlling the processes that drive our businesses that provide for essential needs.

Good engineering combined with IoT, quantifies and gives visibility to the operations. This important enabling capability drives new opportunities and methods that are better realised from device driven data solutions.





## Personally, we each have a similar responsibility as Business to reduce carbon emissions that can also benefit our wellbeing!



[Get Toned | Body Results Academy.](#)



The Paris Olympics 2024 was on a mission to contribute to carbon reductions, where their solution was offering large proportion of meals as vegan and even provided cardboard beds. It is reported that this initiative was counter productive to the athlete's performance who are the most toned people on the planet.

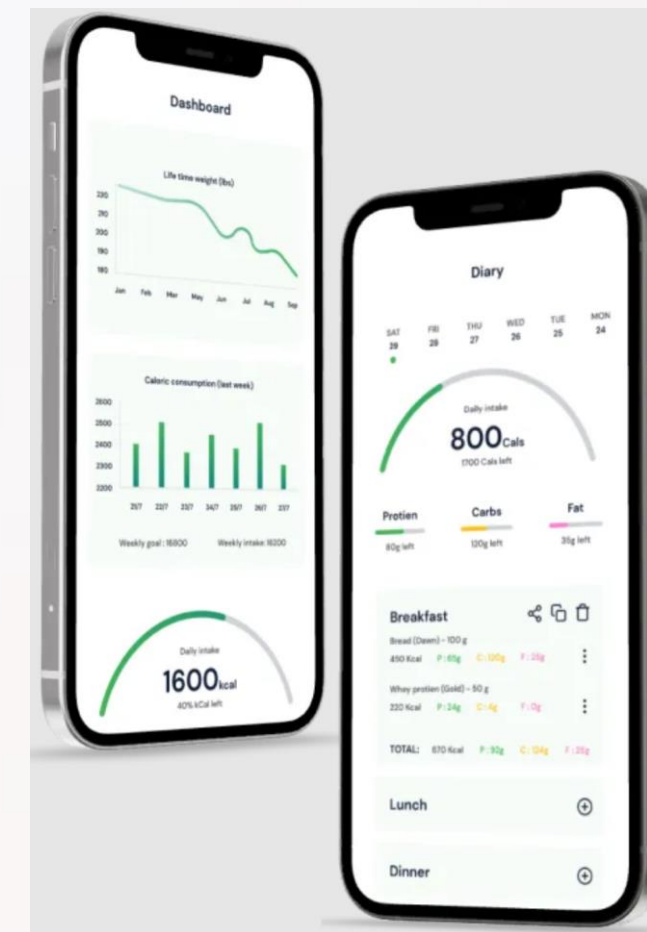
The **Body Results Academy** targets the same achievements as the OneSense Platform for accurate performance from great technology and low cost that supports Carbon Emissions Reductions.

OneSense is so excited about these similarities that each private tenancy subscription is offered two free subscriptions to the **Body Results Academy App** for their loyal employees for the life of their connected tenancy. Time to get on to the OneSense Platform and get toned at the same time.

Business rely on heathy team members who are on top of their game. Everyone would like to enjoy health benefits and be as sharp in their roles as possible.

OneSense has recognised the value of having the support you need to tone yourself and avoid wayward calories with great outcomes.

OneSense has found that solution you need to help monitor our foods consumption metrics 😊 with precise process that has proven weight results when followed that is there for anyone. Weight loss of more than 200grams per day (5 days/1 Kg) can be achieved at no cost to you to use the program.







Public Cloud with embedded security of devices in IoT for AI - the Future of Business

## Partners

**Making high performance business resources available for capability sharing:**

- » **for allied market facilitators and entrepreneurs**
- » **Investors, Developers and Industry integrators**



## Investors and Alliances

- Commercial alliance with co-dependent Providers leveraging the OneSense platform
  - » Telco's leveraging their mature communications business for allied megatrend market in IoT and Cloud for hyperscale business
  - » Integrators, Field service providers, AI Application integrators
  - » Disrupted markets transitioning to IR 4.0
- OneSense as an OPEN platform as a progressive startup
  - » welcomes Investment proposals for rapid scale driving returns
  - » welcomes industry leadership to position OneSense in a competitive opportunity
  - » expand into global markets with scale and reach capability for growth
  - » To provide AI applications in core and regulated environments to drive new revenues

## Partners and Licensees

- Partners have the opportunity to use the power of OneSense technology stack to service their own clients:
  - » A partner provides support as integrators and for automated services for their clients
  - » a partner opportunity has access to a platform for growth for new tenants and bringing expanded business
  - » monetarising unique needs and solutions, swiftly overcoming scarce skilled labour and disparate resource limitations





## USE OF CAPITAL

Capital investment is the accelerator of great innovation and capability. OneSense has an open outlook for key players to invest or leverage our leading-edge capability.

Invested funds are continually applied for the greasing of the cogs to improve functionality and integrations that increases the capability and valuation of the Platform for any investor.

Markets don't stand still and strong businesses are continuously engaged in future development, innovations and applications to grow their position in the market.

The uniqueness and leverage of OneSense value is that cost of new business is marginal however OneSense is investing in client acquisitions and R&D to keep OneSense as a premium Cloud and IoT enabler platform like no other!

## R&D

OneSense continuous improvements as MVP for any industry, helps:

- to increase the capability and functions of our core hardware device(s) and applications for speed and reach of communications
- to improve device packaging and interconnection with legacy assets
- making data more useable, more easily accessible and more valuable as innovations around UI, API's and access control
- for progression on security of devices, industry policy controls and autonomous operations
- updating maturing Azure modules and generative AI through Azure CoPilot suite



***To engage and position with OneSense as a market leader in IoT and modern Cloud, check out our next slide!***



# INVESTOR OPPORTUNITIES

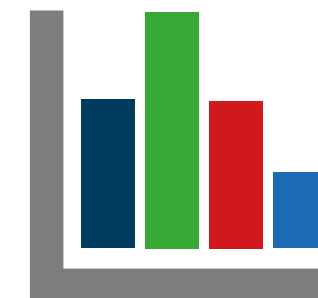


## • Pathways to Investment

A market leading opportunity in delivering new business performance with strong recurring revenue, as a holistic IoT platform Cloud business megatrend as a liquid asset.

This innovative capability integrates critical co-dependent core technologies to meet urgent, regulated, operational and sustainable growth business needs as valuable DX transformations as unique, without competitors with the same inclusive capability, cost mitigations or potential of returns.

As a leading-edge capability, OneSense is also a unique market opportunity supporting high demand from enterprise that will create exceptional returns through expanded utilisations, complex regulatory obligation, secure and real-time performances, all available to service any business in any industry as a new paradigm in capability for Client competitive advantage!



### **Financial – a premium valuation**

- \* Stakeholding from private equity investment in unmatched solutions-based capability
- \* Collaborating sales partner investment to drive ubiquitous market opportunity for sophisticated client needs and new business
- \* Accelerated market access acquisition for commercialisation



### \* **Exit Strategy**

- » Trade sale – part or whole stakeholding release
  - to original owner(s) on performance KPI's structure
  - to established industry entity aligned to direction and strategy of OneSense, contributing to growth and leadership in AU and broader global market(s)
  - to mature allied industry and expanding market entity seeking accelerated market entry platform in Cloud, IoT and AI solutions
  - to international investors as strategic investment for global distribution
- » Share sale
  - ASX listing trading



## NEXT STEP

- Implement new Business strategy for DX
  - » Subscription
  - » Licence
- Take the Investment path with an EOI
  - » Expression of Interest for Equity stake
  - » Collaboration through Partnership scope and discussion on minimal viable product (MVP)
- Terms
  - » Contract and Settle
- Launch
  - » new valuable infrastructure,
  - » ubiquitous market business
- Drive the opportunity
  - » Marketing
  - » Promotions
  - » Industry networking



## Future Outlook

### Investment opportunity

**The Future and OneSense is actually here, . . . and AI is Business.**

OneSense is that device secured network infrastructure for data solution and sustainability that has stepped ahead as a provider of innovative Industrial IoT and modern Cloud infrastructure that aligns and supports Climate Change initiatives as the essential enabler for any Business to setup for the Future.

OneSense is a unique market solution that is ubiquitous for any industry or application in OT and IT within a private tenancy in total control of the tenancy owner with high-level embedded applications to drive autonomous processes as AI however the Tenant builds-out.

OneSense is likely (others to choose) the leading (experienced) facilitator and enabler of environmental protections, providing a major pathway for sustainability support.

Disruptive Cyber intrusion has to be overcome with strategic change through essential DX now and for the Future.

OneSense has stepped ahead with leadership for necessary innovation that overcomes core issues in security of devices, user access and critical cost militating solutions. This capability is continuously upgraded leveraged from Azure Infrastructure that is sustainable and for growth for any size business.





*create your Tenancy subscription now at [www.onesense.io](http://www.onesense.io)  
Love all the power and capability that is now in the Tenants hands!*



Address:

Frenchs Forest 2086, Australia

Contact: [one@onesense.com.au](mailto:one@onesense.com.au)

 [www.onesense.com.au](http://www.onesense.com.au)

(c) copyright OneSense 2024

