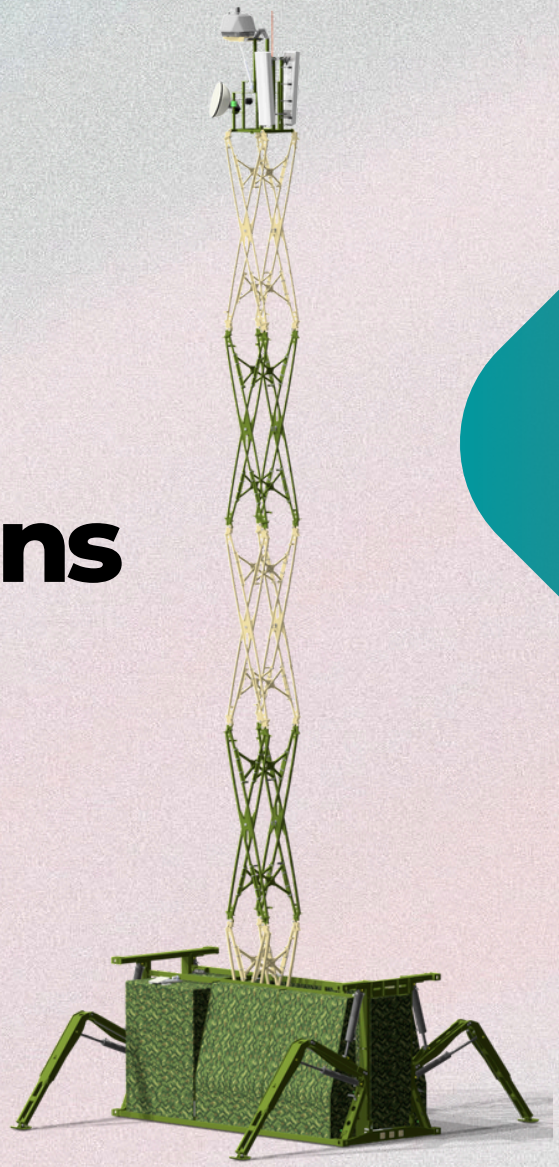
NEXUS 20

Self-Deploying Communications Platform

A new advanced platform of deployable communications technology



Critical Infrastructure Technology
CSE: CTTT
Frankfurt: X9V

October 2025

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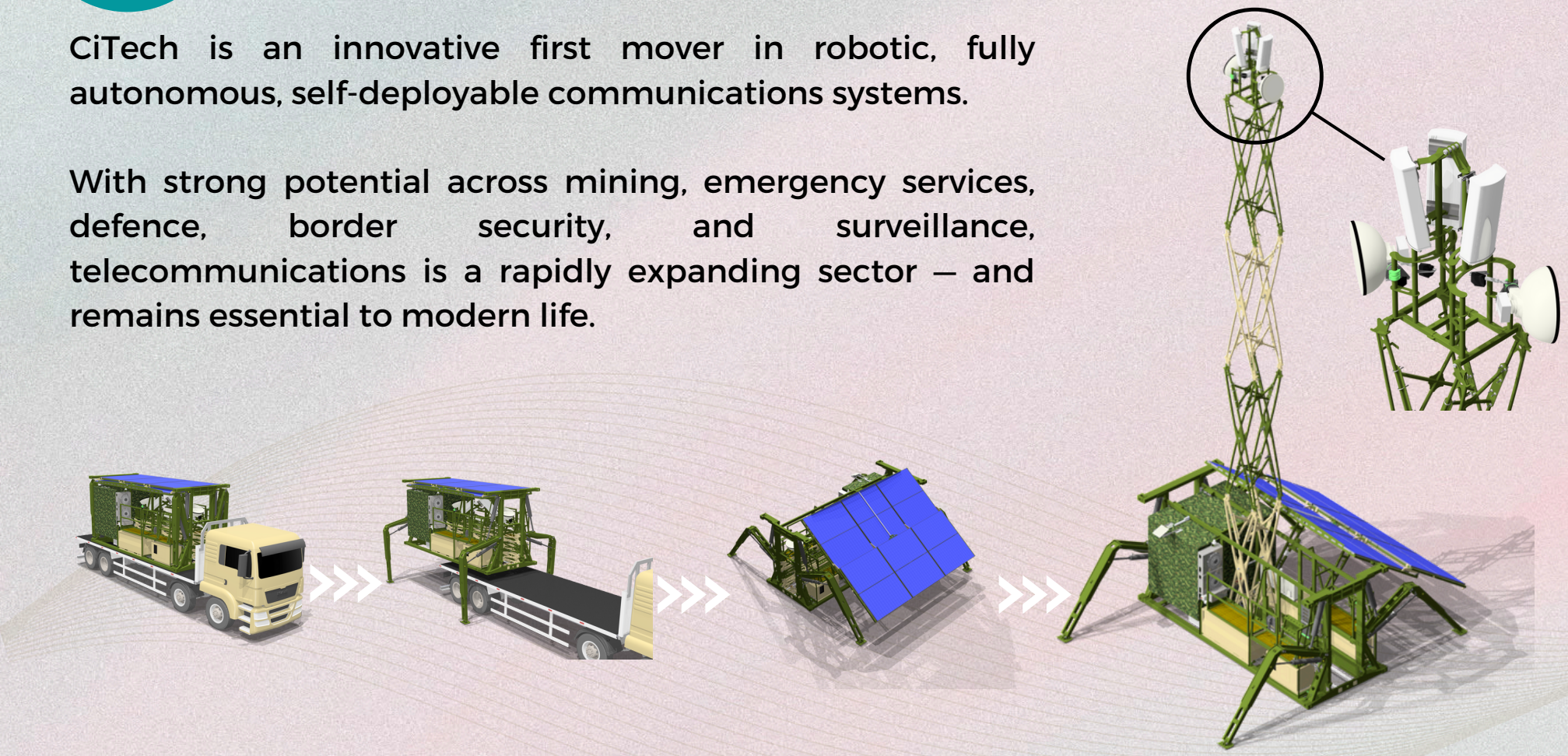
Leading the way

CiTech is an innovative first mover in robotic, fully autonomous, self-deployable communications systems.

With strong potential across mining, emergency services, defence, border security, and surveillance, telecommunications is a rapidly expanding sector — and remains essential to modern life.



Company Snapshot

Perfectly Positioned for Success

01 Innovative technology born out of Perth, Western Australia

02 Applicability across the mining, emergency services, defence and border security and surveillance sectors

03 Mobile telecommunications platform, self deploying, with high capacity tower

04 Payload agnostic - masthead configuration designed to customer needs

05 Patents granted for our revolutionary mast and hydraulic legs - globally

06 Engagement with all Tier-1 miners in WA; Aus, UK, US and Ukrainian Defence; major UAS and counter-UAS providers; leading LTE RAN providers.

07 Game changing technology - vastly improving what's currently available

08 Experienced / qualified R&D team

09 Sales models: Outright sale, leasing (36 – 60 months) and short term rental

10 Excellent margins – residual income capability

11 Aggressive growth strategy – both organically and via acquisitions

Problems being Solved

This is what sets us apart

Stable communications are a necessity in any environment

- **A** Stable communications are a necessity in any environment
- **B** For mining, it's required to maintain autonomous operations
- **C** Fixed towers cannot provide a signal in mining pits that require line of sight vision
- **D** High capacity, high availability networks are directly linked to profitability
- **E** For Emergency Services, in any natural disaster, power is lost first, followed shortly after by communications
- **F** The deployment of the Nexus 16 can restore full communications within an hour
- **G** For Defence, payload options will be shown shortly
- **H** Battlefield communications, in a fully autonomous, rapidly deployable solution, is critical - this is the Nexus 16
- **I** For Border Security and Surveliance, "eyes and ears" on non-manned borders is essential
- **J** With a payload of CCTV camera's and motion detectors, with full comm's capability, we have this covered
- **K** New addition - a fully autonomous drone deployment capability with launching/charging pad

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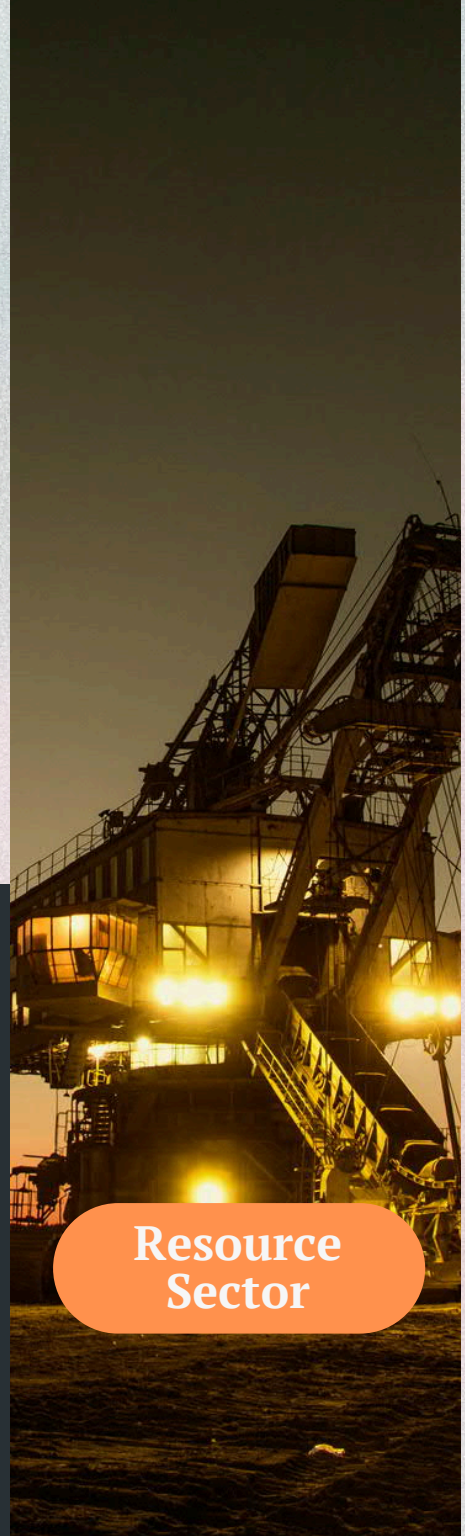
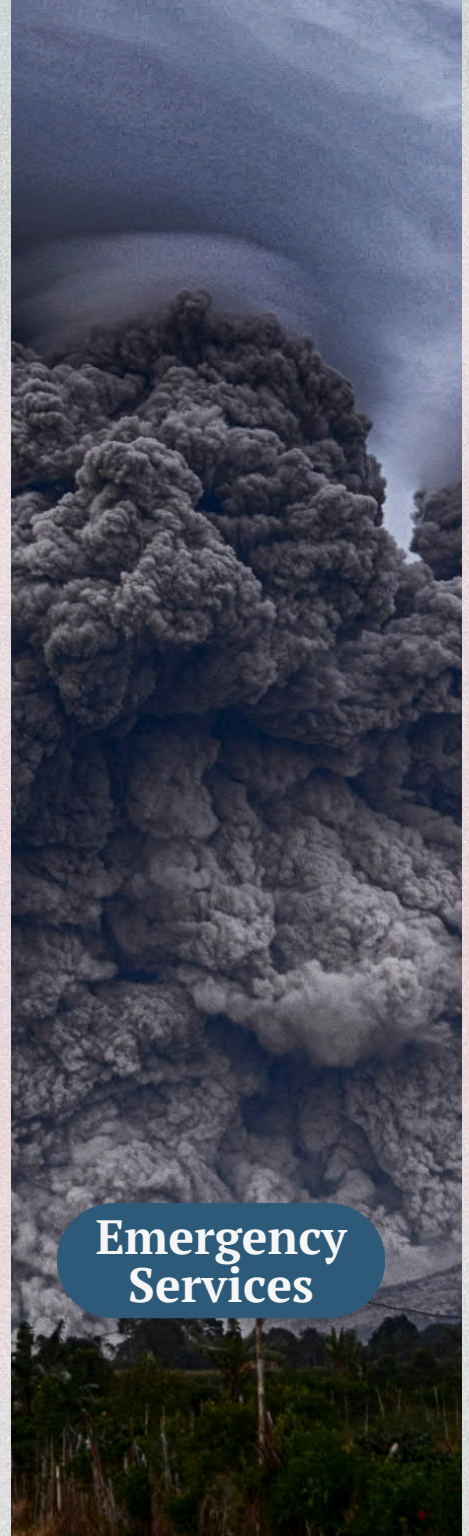
Targeted Sectors
+ Border Security & Surveillance

- Communications are critical for mines to operate when communications are cut – production stops, costing millions of dollars in lost production time
- During natural disasters, power is cut which means communication towers cease to operate
- The CiTech Nexus 20 is unique in its ability to provide the military with a fully self contained and rapidly deployable asset, capable of supporting a wide verity of critical equipment payloads





Sector Disruptive Technology

The Nexus 20 delivers a step change in capability through innovation

Tower - Strength and Capacity - Unique and one of a kind

Rapid Deployment and Operation

Fundamental improvements in operator safety

High-capacity solar arrays provide power autonomy

Feather light touch on the ground

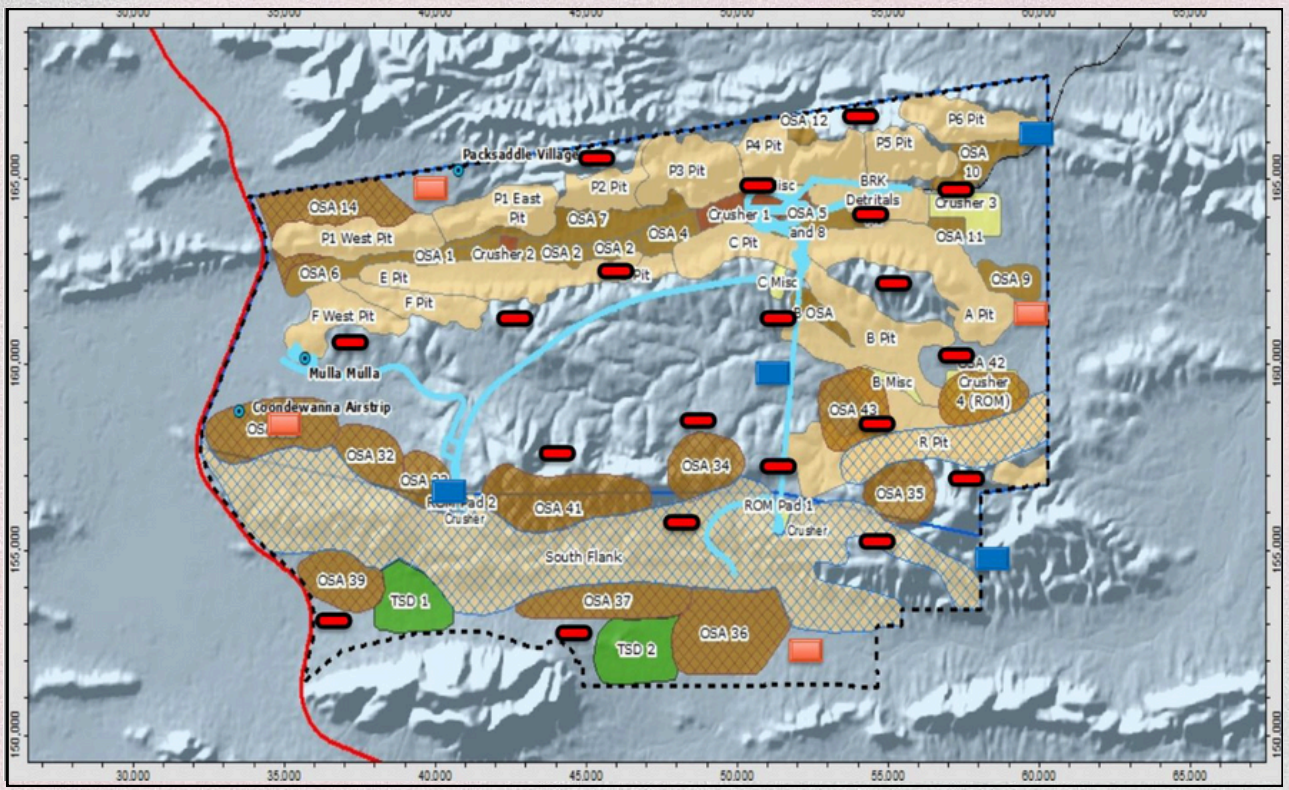
Resources Sector

Large Scale Automation

- 4 x T1 - Fixed Sites
- 4 x T2 - Fixed Skid Sites
- 20 x T3 - Mobile Sites (Nexus 20)

Typical Mine Site Layout

- Tier 1 - Fixed sites are positioned outside the ore bodies and are expected to last the lifetime of the mine
- Tier 2 - Skid sites are placed in locations that are not expected to be mined for 6 years and are relocated as the mine expands
- Tier 3 - Mobile sites are positioned around the pits as they expand (Nexus 20)
  - Moved every few weeks to few months



Emergency Services Sector

The Problem

"Fixed Infrastructure is vulnerable to destruction by natural (or unnatural) forces"

Calls to make 'timely' Telstra service upgrades mandatory after two-week mobile disruption

To upgrade mobile towers to 4G and 5G technology, they need to be switched off for safety reasons. (Supplied: Telstra)

In short:

Mobile services in the regional Queensland town of Dalby were disrupted for two weeks, with calls, internet, ATMs and EFTPOS impacted.

The Nationals leader David Littleproud wants the government to increase Telstra's obligations to customers, as it upgrades towers nationwide.

What's next?

A government spokesperson says it is looking to include mobile coverage in its legislation for the Universal Services Obligation.

More than 1000 mobile towers and nodes went down during the bushfires

Fergus Hunter
May 1, 2020 – 12.01am

Save Share

More than 1000 mobile towers and other telecommunications facilities were knocked out across south-east Australia during the unprecedented bushfire season, prompting a federal government push for more a reliable network in future summers.

The scale of the network outages caused by bushfires has been detailed in a review from the Australian Communications and Media Authority, which Communications Minister Paul Fletcher said highlights the need to strengthen critical telecommunications infrastructure during emergencies.

Communications Minister Paul Fletcher says more must be done to make telecommunications networks resilient during bushfires. ALEX ELLINGHAUSEN

The ACMA review found 1390 facilities – including mobile network base stations, phone exchanges and nodes – were affected by the bushfires across NSW, Victoria, South Australia and ACT. It revealed 708 suffered outages of four hours or more, while 359 experienced outages of less than four hours and others remained online.

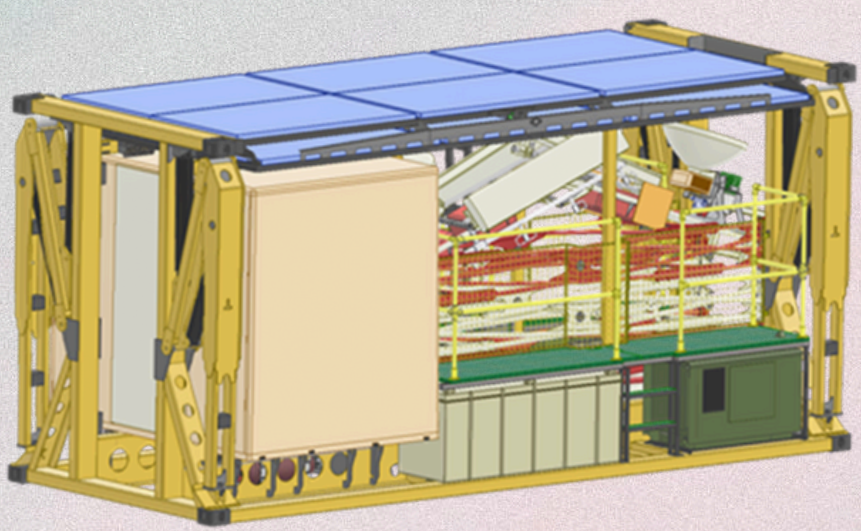
There were a total of 888 separate outage incidents of four hours or more, with some facilities knocked offline multiple times. NSW accounted for the majority, with 681 incidents. Most outages were caused by loss of power, with only 1 per cent caused by direct fire damage.

"While overall the report shows overall telcos worked pretty quickly to restore outages, nevertheless where there were outages it did have a significant impact," Mr Fletcher said.

Emergency Services Sector

The Solution

A rapidly deployable platform with the power of a fixed site



Applying lessons learned, using latest technology, design tools and materials.

40KM

Telco grade tower. Strong enough to send two multi-gigabit links 40 kilometers to existing services – in near cyclonic winds

Enough power to support 3 sector mobile network and thousands of subscribers – for many months.

Can be trucked up a mountain, unloaded and operational in under 30 minutes.

Fully autonomous operation with remote monitoring and control

The NEXUS

The Solution

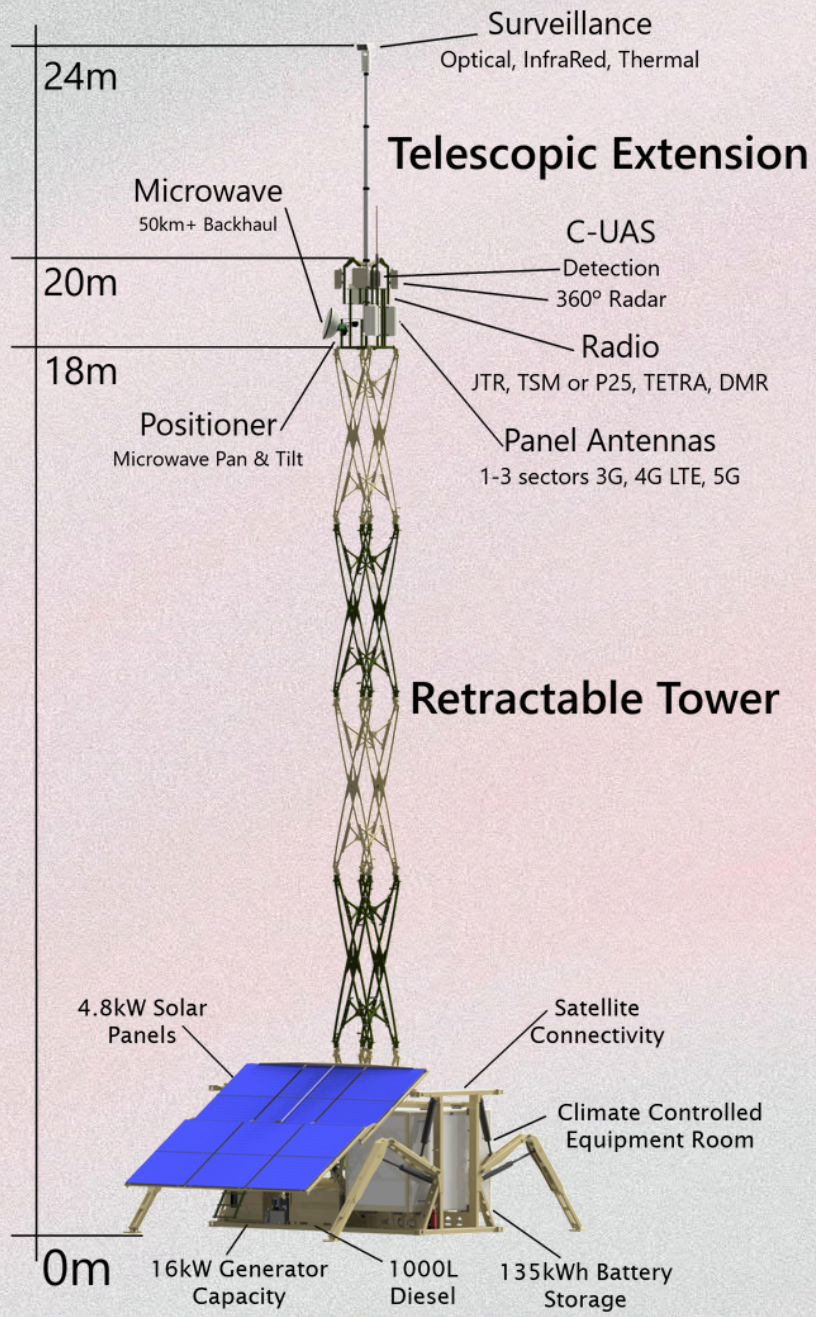
Any organisation that needs to quickly deploy high capacity mobile phone services faces significant challenges.

The power demands and weight of the multiple antennas cannot be supported by most rapidly deployable solutions available today.

The Nexus, with its heavy lift and robust tower, massive battery capacity, redundant generators and solar array has the capacity of a fixed radio base station that can be deployed and operating in under 30 minutes.

In addition to full LTE loads, the Nexus can easily handle long range microwave links plus all manner of digital, analogue and broadcast radio technologies.

Payload equipment fitted to the 16-24m tower and climate controlled Equipment Room can be field upgradeable using industry standard 19” equipment racks.



The Nexus Family

The Nexus 16

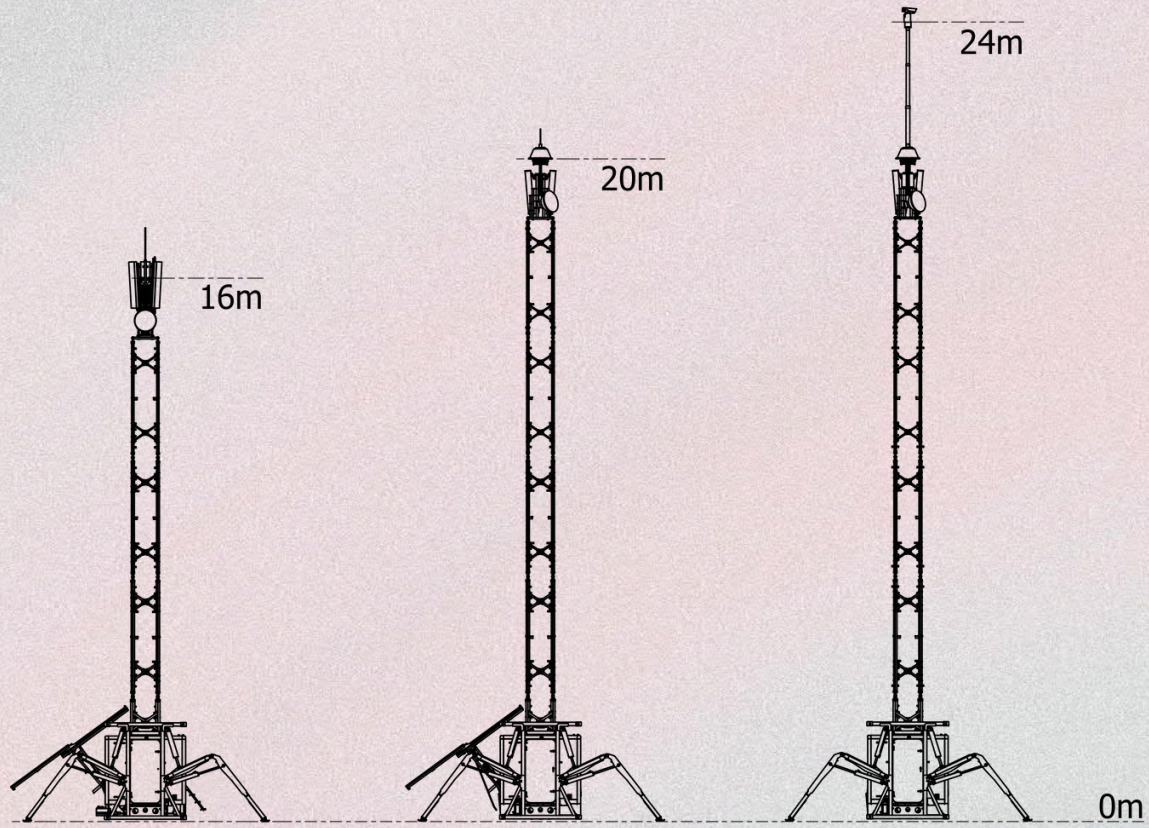
- 4-segment, 16m tower
- >200kg payload
- <9 tonnes (dry)
- Operational wind limit >100km/h
- Ultimate wind limit >125km/h

The Nexus 20

- 5-segment, 20m tower
- >150kg payload
- <10 tonnes (dry)
- Operational wind limit >85km/h
- Ultimate wind limit >100km/h

The Nexus 24

- 4m pneumatic extension on 5-segment tower (24m total)
- 30kg payload at 24m
- 100kg payload at 20m
- Reduced solar panel capacity

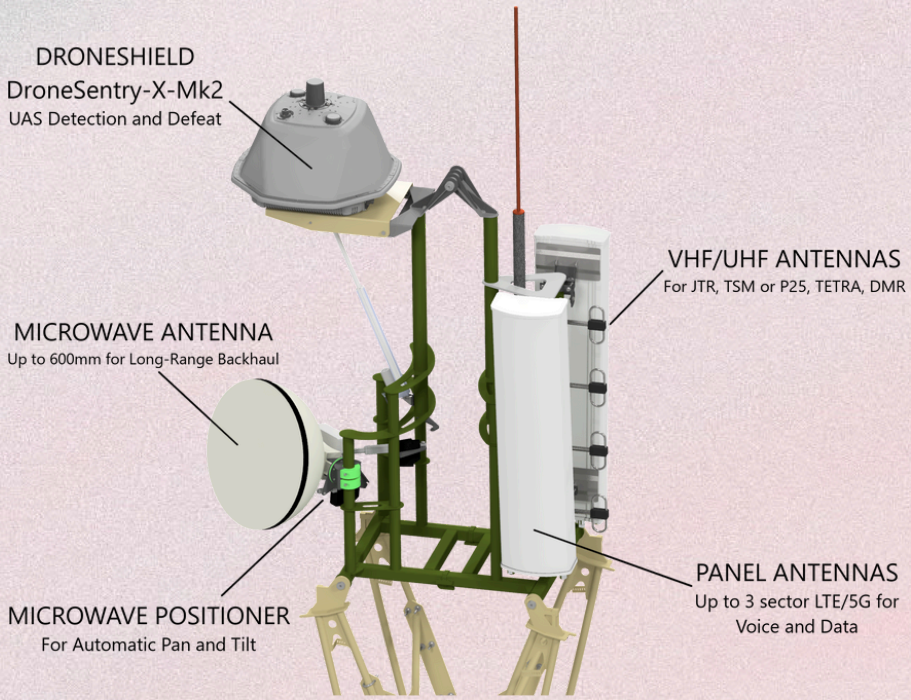


Defence
Counter-UAS

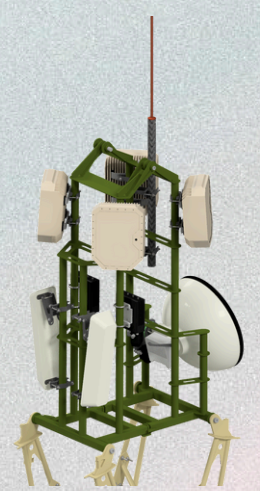
Faced with immense challenges of protecting assets from high volumes of fast moving airborne threats, agencies rely on electronic detection and counter measures controlled by autonomous systems.

Proven effective in tracking and defeating single or swarm attacks, C-UAS systems benefit greatly from increased altitude with up to a 10 fold increase in range providing a much larger protected area and a longer time to respond.

Until now, telescopic mast solutions suitable for short range radio do not deliver the stability and capacity needed to support complex Counter UAS missions in all weather conditions.

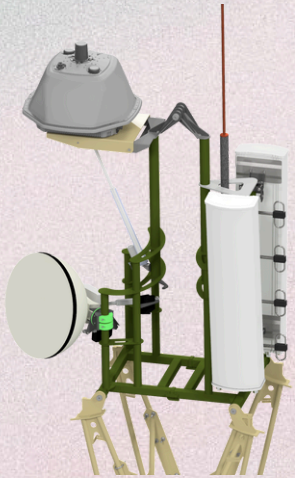


Versatile Payload Capabilities



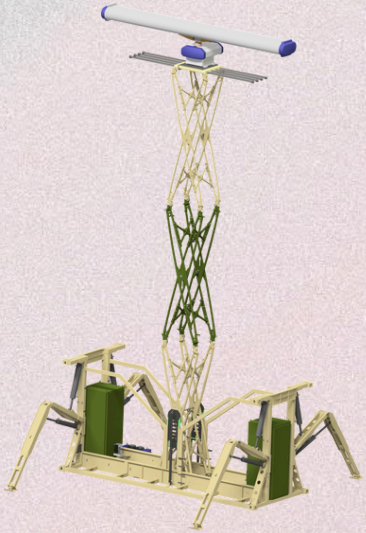
Forward Deployment

Radar cUAS with MANET Radio & uWave



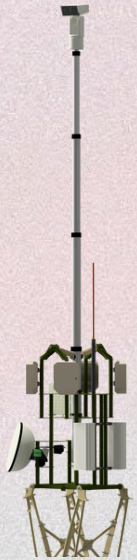
LTE in contested space

LTE & uWave comms + EM cUAS



Airfield/Marine Radar

12m high, 18-ft Marine Surface or Air Surveillance radar



ISR (Surveillance)

24m high, Optical and Thermal Cameras,
Radar, Radio Broadcast and uWave Backhaul

Surveillance

Border Monitoring

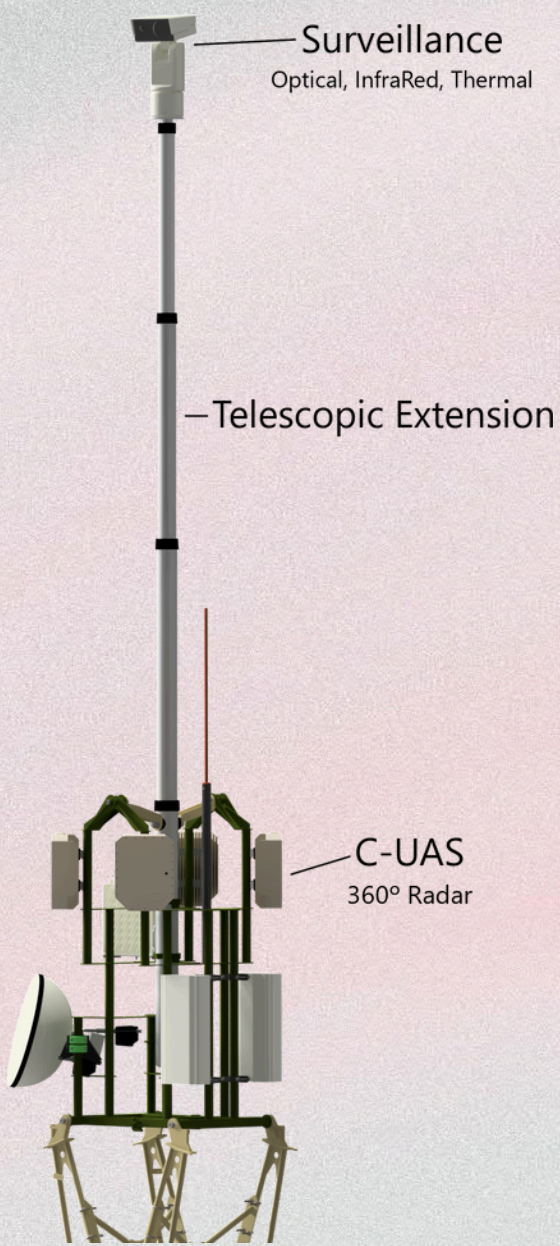
Intelligence Surveillance Reconnaissance (ISR) is fast becoming a multi billion dollar industry as countries scramble to monitor and protect borders from an ever increasing range of threats.

In addition, the exponential rate of development in the fields of UAV and ISR technology is creating an arms race and forcing agencies to seek out flexible solutions that can adapt quickly rather than deploy long term, fixed assets.

This is what Nexus was built for.

With the ability to support a vast array of ISR technologies, long term power, generous equipment rack space and up to 24 meters of elevation. All packaged up in a self contained unit that can be delivered by civilian truck and be on the ground and operating inside 30 minutes.

In addition, standardisation in Nexus cabling and rack layouts mean that ISR payload equipment can be replaced, modified or enhanced in the field.



Surveillance

Drone Base

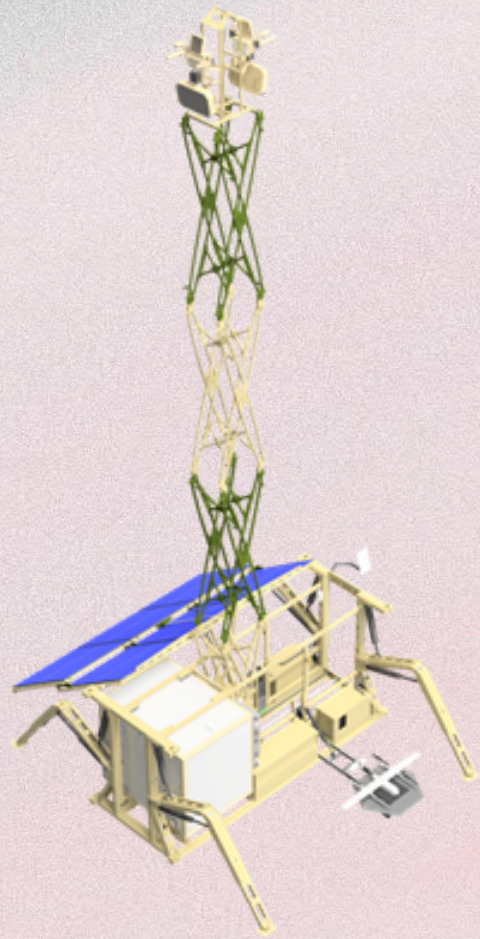
Challenges faced by organisations tasked with securing or even just monitoring large land borders are substantial.

This is where technology can deliver a capability multiplier allowing a small team to monitor large areas from the relative comfort and safety of a protected location.

At is core, the CiTech Nexus 20 is a self powered and self contained Radio Base Station providing recharging and long range communications to support fully autonomous VTOL or multi rotor UAV's.

Additional payloads can be simply added and include options like UAS detection, C-UAS, optical surveillance, ground forces communications support.

All within a rapidly deployable, centrally managed package that can run autonomously for many months without on-site support.



CiNet - Remote Management

CiNet was built to support the Nexus range of products and provide seamless integration into the operator's own Network Management Systems.

Web Based - No dedicated hardware required. Can be used with all modern web browsers

Docker Container Based - Flexible resource sharing provides redundancy and faster response times

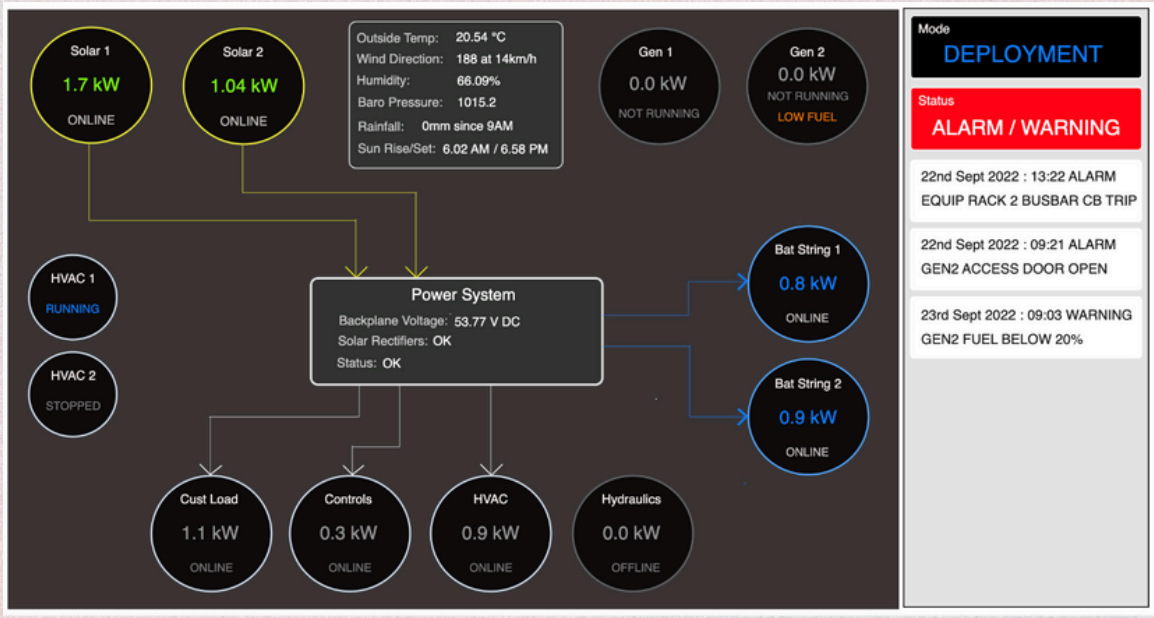
Implementation Flexibility - Flexibility to be self-hosted by a client, either on-premises or in a private cloud

Rules Based Monitoring - alarms/warnings/alerts for monitoring - customised to meet priorities

Custom Dashboard Integration - into 3rd party applications via industry standard APIs

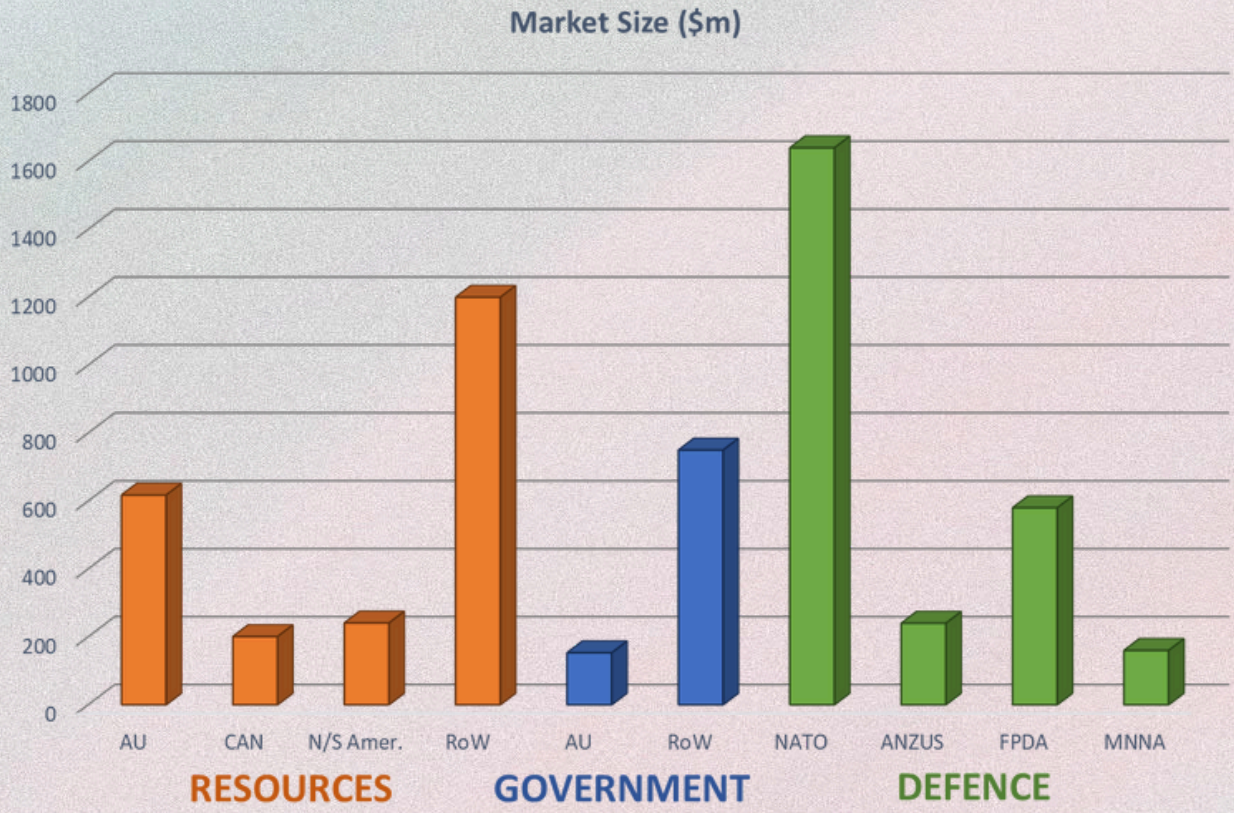
Remote Data Collection - monitor 3rd party client equipment

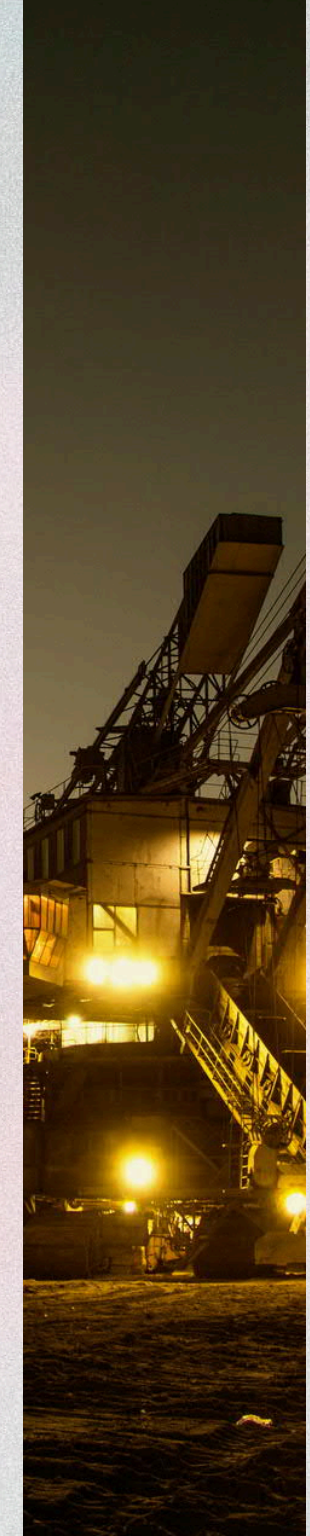
CiNet - Dashboard

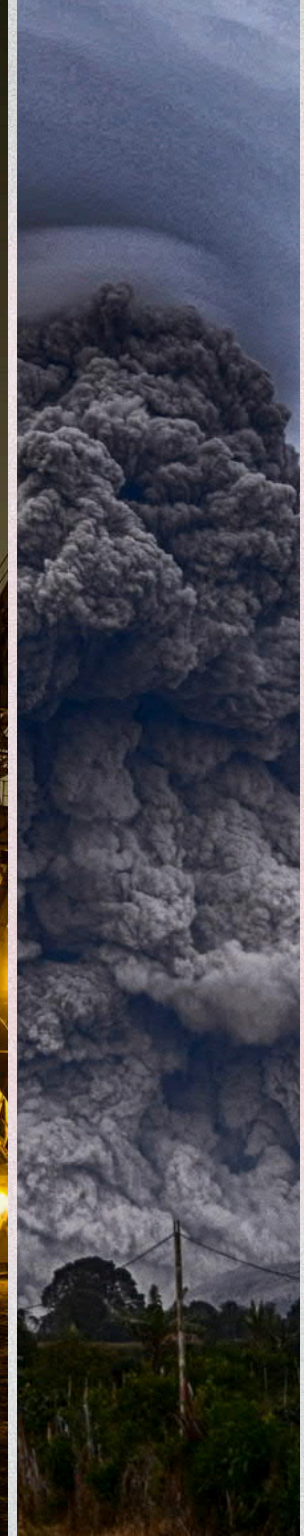


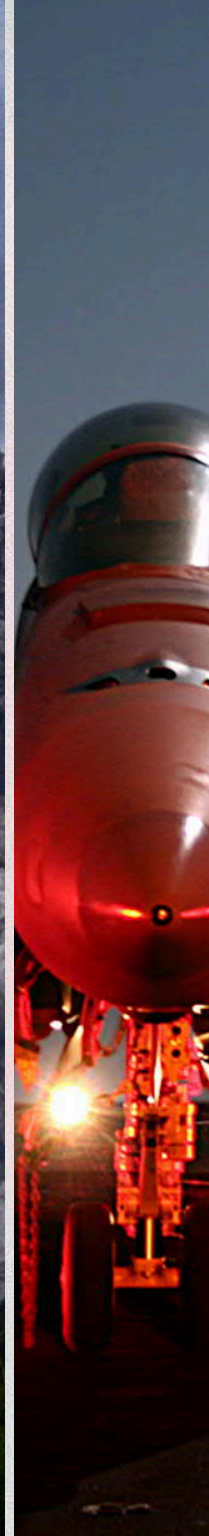
Market Size

$US 2.0b - Targeted
$US 5.8b+ TAM









Board of Directors

Chairman: Imants Kins

• Bachelor of Economics (University of Western Australia) Master of Arts – Futures Studies (Curtin University)
• Extensive experience at a senior level in Government (including advising ministers) and the private sector, as senior manager and corporate economist
• Currently a Director of a number of Australian Securities Exchange listed companies

Director/ CEO : Brenton Scott

• Bachelor of Business (Accounting and Economics) – Curtin University
• Chartered Accountant – Australia/NZ
• Previously a partner in Walker Wayland, Chartered Accountants
• Extensive experience in equity markets, capital raising and public company auditing
• 30 year career encompassing accounting, child care, financial services and marine industries

Director/ COO: Andrew Hill

• Electronics Engineer
• 35 year career in resource sector product development and business leadership
•Extensive experience in technology sales and product marketing
• Proven ability to recruit and develop talented and high performing teams

Director/ CFO: Eugene Hodgson

• Bachelor of Arts – Political Science (University of Calgary)
• 30 years experience as a Senior Executive, including CFO and Corporate Secretary roles
• Public policy and Government relations advisor – worked for the BC and NWT Governments
• Currently a Director, CFO and Corporate Secretary for a number of TSX and CSE listed companies

Director: Rich Paolone

• Bachelor of Arts (Mount Royal University of Calgary)
• Juris Doctor (JD) – Bond University, Queensland, Australia)
• Toronto based Securities Lawyer, operating in private practice, experienced in public companies, capital markets, mergers and acquisitions
• Currently a Director and CEO of a number of private and reporting companies with Director/CEO roles previously with TSX and CSE listed companies

Team Leaders

Rodney Louden: CiTech Lead Engineer

BEng(Electronics & Communications)(Hons), BSc(Computer Science), M. Cyber Security

- 15 year career in resource sector engineering, project management and field services
- Extensive experience in delivering automation projects for Tier-1 mining companies
- Deep understanding of both rail and resource sector compliance and safety protocols

Andrew Ford: Lead Mechanical Engineer

BSc (MechEngSc), MPE (Mechanical)

- Specialist in computer-aided design (CAD)
- Experienced in utilising Finite Element Analysis (FEA) to deliver manufacturable designs
- Represented Australia at the Tokyo Olympics.

Janelle Theron: Control Systems Engineer

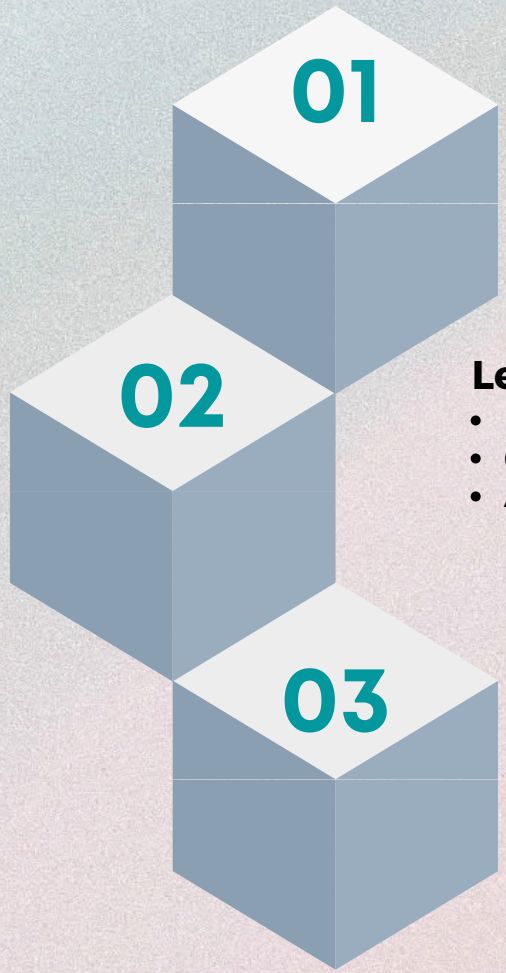
BEng(Mechatronics), MEng (Biomedical Engineering)

- Extensive experience in embedded software development
- Previously led field service teams in process analytics in the Australian mining industry
- Familiar with delivering software in a high compliance environment

John Jacob: Mechanical Engineer

- B.Sc Physics, M.Sc. Mechanical Engineering
- 35 years experience in Research and Development.
- Specialist in machine & systems dynamics, structural engineering, fluid dynamics & systems, thermodynamics, material science (metals, plastics & composites), chemical engineering, engineering mathematics, numerical analysis, control systems

Business Model



Outright Sale

Sales Price: € 550,000 (base)
Mil-Spec: € 725,000 (base)

Lease

- Monthly lease: € 22,500
- 60-month term
- Amortised Monthly Cost: € 4,500 (base)
  - Provides exceptional returns.
  - Ties the customer to CITECH.
  - Preferred by Resource sector

Rental

Short Term: Approximately
€ 1,750 per day

Growth Plan

- Target Australian resource sector – it's our backyard and we are well connected within the industry
- Sales pipeline build has commenced with all of the major mining companies, Government and Defence sectors engaged.
- Early engagement with State Governments re Emergency Services – our Nexus is critical to restore comm's during natural disasters like fire, floods, cyclones etc, including FEMA in USA
- Build relationships with Defence companies already entrenched in that sector such as Babcock International, Rheinmetall, BAE Systems, Thales, Qinetiq, Honeywell and Terma (Denmark)
- Ukraine - source funding (significant opportunity - game changer) - MOU executed with Babcock International
- Latvian Subsidiary established for expansion into Europe
- International expansion – North America, Africa and South East Asia
- Strategic acquisitions

Progress to Date

- **Demonstrations** - WA based miners, K92 (Canadian Co), Ukraine (Ambassador and DoD), Latvian Ambassador, State Emergency Services (WA), Australian Defence Force
- **1st Sale and Delivery** - Atlas Iron, operating without fault for almost 18 months, including a direct hit from a Category 3 Cyclone.
- **5 units currently in Production** - First unit to be completed in 2025, four more by June 2026.
- **Request from Ukraine** - 50 platforms (subject to funding being sourced): Value = US$45m. Request submitted to Australian Government, NATO Supply and Procurement Agency (NSPA) and the International Fund for Ukraine (IFU)
- **Discussion re Establishing Manufacturing Hubs** - Latvian business established, manufacturing planning ongoing.
- **Discussions in Latvia and the USA re Border Security** - Latvian Ministry of Defence + Ministry of Foreign Affairs, QiNetiQ and Babcock International
- **Australian Government Grant** - Awarded in March 2025 for AUD$1,162,500 to build 3 Nexus 20's

Nexus 16

Operating Autonomously since April 2024

Lets Connect

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