



Media Kit

Space CoLAB Pty Ltd

Press Resources & Brand Guidelines

Company Overview

Boilerplate (Longer)

Space CoLAB Pty Ltd is an Australian deep-tech startup developing room-temperature quantum communications systems for defence and critical infrastructure. Using breakthrough nitrogen-vacancy (NV) diamond technology, Space CoLAB's HaloCore platform transmits data as quantum states, making communications physically impossible to harvest. Unlike traditional encryption or quantum key distribution systems, Space CoLAB's technology provides fail-closed security guaranteed by the laws of physics, not based on mathematical complexity. This is a crucial difference in a world where quantum computing and algorithms provide an opportunity for even the most sensitive information to be hacked.

Founded by Carley Scott OAM, CEO of Australia's first successful commercial spaceport and secured world-first NASA rocket launch contracts, Space CoLAB is backed by Antler VC and is advancing rapidly toward Seed funding. The company is headquartered in Geelong, Australia.

Boilerplate (Short)

Space CoLAB is Australia's quantum communications technology company building room-temperature secure communications systems for defence and critical infrastructure. Using diamond-based quantum technology, Space CoLAB delivers communications that are physically impossible to harvest and fail-closed by physics, meaning no adversary can access your critical data.

Key Facts

Founded	2024
Headquarters	Melbourne, Victoria, Australia
Funding	Pre-seed (Antler VC); Seed targeting mid-2026
Technology	NV-diamond quantum communications
Markets	Defence, Intelligence, Critical Infrastructure
Awards	Best Presenter, Highly Commended and Finalist at Indo-Pacific 2025, Crowd Favourite Beaten Zone AUKUS Pillar II 2025



Leadership

Carley Scott OAM – CEO & CTO

Long Bio: Carley Scott OAM is the founder, CEO, and CTO of Space CoLAB, leading the development of Australia's first mobile, quantum data communications systems. Carley received the Order of Australia Medal for her contributions to the Australian aerospace industry, including building Australia's first commercial spaceport and securing world-first contracts with NASA. She led the launch complex through complex ITAR/MTCR negotiations, Indigenous land use agreements, and established the site and systems that delivered three successful NASA heliophysics launches on the back of COVID-19 restrictions. Before founding Space CoLAB, Carley served as CEO of a Rio Tinto backed high growth business that achieved multi-million dollar revenue and cash flow positivity quickly. She combines deep technical expertise and systems engineering with proven commercial execution in highly regulated environments.

Short Bio: Carley Scott OAM is the founder and CEO of Space CoLAB. She holds the Order of Australia Medal for building Australia's first successful, commercial spaceport and securing world-first NASA contracts. She brings proven deep-tech commercialisation experience to Australia's quantum communications industry.

Ami Bagia – COO

Long Bio: Ami Bagia serves as Chief Operating Officer of Space CoLAB, bringing exceptional government and intelligence community expertise. Ami previously served on the White House National Security Council and as an intelligence officer with the Central Intelligence Agency (CIA). Her background spans national security strategy, defence policy, and intelligence operations across the United States' most sensitive organisations. At Space CoLAB, Ami leads investor reach out, partnerships and government engagement, leveraging her deep relationships across the defence and intelligence communities of allied nations.

Short Bio: Ami Bagia is the COO of Space CoLAB. She previously served on the White House National Security Council and as a CIA intelligence officer. She leads Space CoLAB's investor reach out, defence partnerships and government engagement.



Key Messages

Three Core Messages

1. The Threat

"Every message you send today can be decrypted tomorrow. Adversaries are harvesting encrypted traffic now, waiting for quantum computers to break it. This isn't theoretical, it's happening."

2. The Solution

"We don't just secure passwords or keys, we transmit data AS quantum states. Interception doesn't trigger an alarm; it physically destroys the information being stolen. Fail-closed by physics, not fail-open with alarms."

3. The Differentiation

"Room temperature. No cryogenics. No fiber infrastructure. Tactically deployable on drones, vehicles, and ships. Allied sovereign quantum capability aligned with AUKUS."

Products

Product	Description	Application
HaloCore Stand	Fixed quantum communication links	Building-to-building, ground stations
HaloCore Adapt	Mobile quantum mesh communications	Drones, vehicles, tactical operations
GhostLine	Submarine communications	Submarine-to-submarine at stealth depth
IntaQt	SCADA/OT integrity verification	Water, energy, ports, critical infrastructure



Media Contact

- **Media Enquiries:** amibagia@spacecolab.com.au
- **Executive Interviews:** Carley Scott OAM (CEO) available as agreed on request
- **Company Website:** www.spacecolab.com.au
- **LinkedIn:** Space CoLAB Pty Ltd

Brand Guidelines

Company Name Usage

- **Correct:** Space CoLAB, Space CoLAB Pty Ltd
- **Incorrect:** SpaceColab, Space Colab, Spacecolab

Product Names

- HaloCore (one word, capital H and C)
- GhostLine (one word, capital G and L)
- IntaQt (one word, capital I, Q, and t)

Founder Title

- Carley Scott OAM (include OAM in formal references)
- Title: CEO & CTO, Space CoLAB (also Founder and Group Chair)

Approved Descriptors

- Australian quantum technology company
- Room-temperature quantum communications
- Diamond-based quantum transceivers
- Fail-closed quantum security
- Allied Australian capability
- AUKUS-aligned quantum technology

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