



NEWS RELEASE

CSE: CTTT | OTCQB: CITLF | FRA: X9V

CRITICAL INFRASTRUCTURE TECHNOLOGIES UNITED STATES PATENT APPLICATION GRANTED

Vancouver, British Columbia – February 27, 2026 – Critical Infrastructure Technologies Ltd. (CSE: CTTT) (OTC: CITLF) (FRA: X9V) (“CiTech” or the “Company”), a developer of autonomous, high-capacity mobile communications and security platforms, is pleased to announce that its United States patent application titled “A Mobile Radio Station” has now been formally granted.

The patent, United States Patent No. US 12,555,886, has been granted. The application (No. 18/558043) is registered in the name of Critical Infrastructure Technologies Pty Ltd and relates to the core technology underpinning the Company’s Nexus platform architecture.

STRENGTHENING GLOBAL INTELLECTUAL PROPERTY POSITION

The U.S. patent grant represents a significant milestone in CiTech’s global intellectual property strategy and secures protection in one of the world’s largest defence, telecommunications, and homeland security markets.

The patented invention covers CiTech’s deployable, autonomous mobile radio station system — an integrated, containerised communications platform designed for rapid establishment of secure connectivity in remote, disaster-affected, and high-threat environments.

The system integrates:

- A transportable ISO container-based communications hub
- A hydraulically deployed, rigid scissor-lift mast
- Hybrid energy systems incorporating battery storage and renewable inputs
- Automated deployment functionality
- Climate-controlled, mission-ready communications architecture



STRATEGIC IMPORTANCE IN THE U.S. MARKET

The United States represents a key strategic market for CiTech across defence, emergency response, border security, energy, mining, and aerospace sectors.

Grant of the U.S. patent strengthens CiTech's ability to:

- Protect its rigid mast and autonomous deployment technology
- Engage with U.S. defence and federal agencies
- Expand licensing and partnership opportunities
- Secure long-term commercial advantage in mission-critical communications

The patent further enhances CiTech's competitive positioning as it continues expanding its international footprint across North America, Europe, and allied markets.

PATENT OVERVIEW

CiTech's invention defines a deployable, autonomous mobile radio station designed for rapid establishment of secure communications in remote or high-threat environments. The system overcomes the limitations of conventional mobile LTE and radio infrastructure by integrating transportability, energy autonomy, and intelligent automation.

The patented design substantially expands CiTech's Total Addressable Market, extending beyond traditional telecommunications infrastructure into defence, disaster response, remote industrial operations, mining, and emerging aerospace and satellite applications.

GLOBAL PATENT COVERAGE

CiTech filed patent applications for "A Mobile Radio Station" in: Australia, Canada, China, Europe, India, Japan, Republic of Korea, South Africa, Thailand, Vietnam and the United States.

Along with the United States, South African have granted a patent All other jurisdictions are either filed, under or awaiting examination. This extensive global IP coverage ensures broad protection of CiTech's Nexus 20 technology across major defence and communications markets.



COMPETITIVE DEFENCE ADVANTAGE

CiTech's Nexus 20 platform delivers a fully self-contained, air-liftable communications hub capable of autonomous field operation, ideal for rapid network establishment in defence operations, disaster recovery, and remote mission support.

A key differentiator of CiTech's design is its super-rigid, precision-engineered mast, which maintains complete stability even under extreme wind conditions. Unlike competitor systems that suffer vibration and movement during operation, CiTech's mast design ensures consistent, uninterrupted signal delivery—a critical requirement for mission-critical defence and communications environments.

Its energy independence, automation, and structural integrity significantly reduce personnel exposure and logistics, enhancing reliability and operational readiness in demanding field conditions.

The system's modular and AI-enabled architecture also positions CiTech for next-generation applications, including:

- Rapid-deploy satellite ground stations and mobile telemetry for aerospace and UAS test ranges.
- Counter-UAS and electronic perimeter defence, areas of growing focus in NATO and European defence programs.
- Critical infrastructure protection and smart city security, enabling mobile monitoring for ports, airports, and large-scale civic events.

CEO COMMENT

Brenton Scott, Chief Executive Officer of CiTech, commented:

“Securing our United States patent grant is a major milestone for CiTech. The U.S. market is central to global defence and advanced communications innovation, and this patent strengthens our ability to commercialise the Nexus platform internationally. Protecting our intellectual property in the United States reinforces our long-term strategy of building sovereign, autonomous communications capability for allied nations.”



On Behalf of the Board of Directors:

Brenton Scott
Director & Chief Executive Officer
Critical Infrastructure Technologies Ltd.

 Brenton.s@citech.com.au

 +61 411 751 191

About Critical Infrastructure Technologies Ltd.

Listed on the CSE with operations in Perth, Western Australia, CiTech is creating autonomous, high capacity, rapidly deployable technology that delivers essential services to where they are needed most. CiTech is targeting the mining, defence, border security/surveillance and emergency services sectors in relation to its first product release, the Nexus 16, which aims to provide critical mobile telecommunications for such sectors. Using patented technologies, CiTech's self-deploying platform (SDP) provides a solution for two of the greatest limitations of current rapidly deployable communication solutions, strength of the tower and ability to rapidly self-deploy and operate, in numerous situations. The SDP is designed to support radio equipment including LTE (Long Term Evolution) and several other technological payloads, such as surveillance and anti-drone systems. CiTech has completed the research and development phase and is currently commercialising the first of many products that will be released. To learn more about the Company, visit www.citech.com.au.

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FORWARD-LOOKING INFORMATION

This news release contains "forward-looking information" and "forward-looking statements" (collectively, "forward-looking information") within the meaning of applicable securities laws. Forward-looking information is generally identifiable by use of the words "believes," "may," "plans," "will," "anticipates," "intends," "could", "estimates", "expects", "forecasts", "projects" and similar expressions, and the negative of such expressions. Forward-looking information in this news release.



Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information. Forward-looking information is based on the reasonable assumptions, estimates, analysis and opinions of management made in light of its experience and perception of trends, current conditions and expected developments, and other factors that management believes are relevant and reasonable in the circumstances at the date such statements are made. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. All forward-looking information herein is qualified in its entirety by this cautionary statement, and the Company disclaims any obligation to revise or update any such forward-looking information or to publicly announce the result of any revisions to any of the forward-looking information contained herein to reflect future results, events or developments, except as required by law.