



# Leading 5G Private Network Solution Provider

\$15,000,000 Private Equity Opportunity



# Value Proposition

- **Reduction of Telecom Costs**
- **No Infrastructure Build**
- **Private Network**
- **Cybersecurity**
- **Last Mile Solution**
- **Failover**
- **Total Control Over the Network**
- **Edge Computing**



# EUCAST Global

**EUCAST is a global private wireless technology and solutions company**

**Denver headquarters established in 2022**



- ✓ Private wireless networking
- ✓ 4G/5G radio technologies
- ✓ CBRS spectrum ready
- ✓ FCC regulatory certifications
- ✓ Broad application solutions
- ✓ Patented hardware/software

**Over 10 Years of Commercial Experience**



# EUCAST History



2011

**6**  
**Technical Trials**

- CBRS for Colorado Dept. of Transportation
- NIB\* for Korean Government
- 5G Small Cell (Qualcomm)

**16**  
**R&D Contracts**

- AI based SON\* for 5G
- 5G Private Network
- 5G NIB for military app.
- 5G Small Cell
- 5G for Virtual Reality
- NIB for Public Safety app.
- All-in-One IoT Gateway

\*Self-Organizing Network (SON)  
\*Network in a Box (NIB)

**21**  
**Commercial Accts**

- 5G smart light in Brazil (Qualcomm, Juganu)
- 5G for drone application (Korean local gov.)
- Public Safety LTE (KT, Korean Government)
- Military NIB
- LTE Small Cell (UQ Communication, Japan)
- Private LTE solution (Japanese Local gov.)



2022

**Future Roadmap**

- 5G outdoor base station
- 5G Network in a Box
- 5G mmWave
- NIB for Drone
- Market Penetration
  - ✓ Healthcare
  - ✓ Transportation
  - ✓ Emergency services
  - ✓ Municipality
  - ✓ Reservations
  - ✓ Rural markets

2024



# INDUSTRY AWARD



## WINNER

Outstanding software and services technology  
for small cells in commercial use

ETRI and EUCAST

Flexible 5G Small Cell Software and 5G Small Cell Specific Services



[smallcellforum.org](http://smallcellforum.org)

\*ETRI Electronics & Telecommunications Research Institute

# INTELLECTUAL PROPERTY

**48** patent and  
patent-pending  
registrations

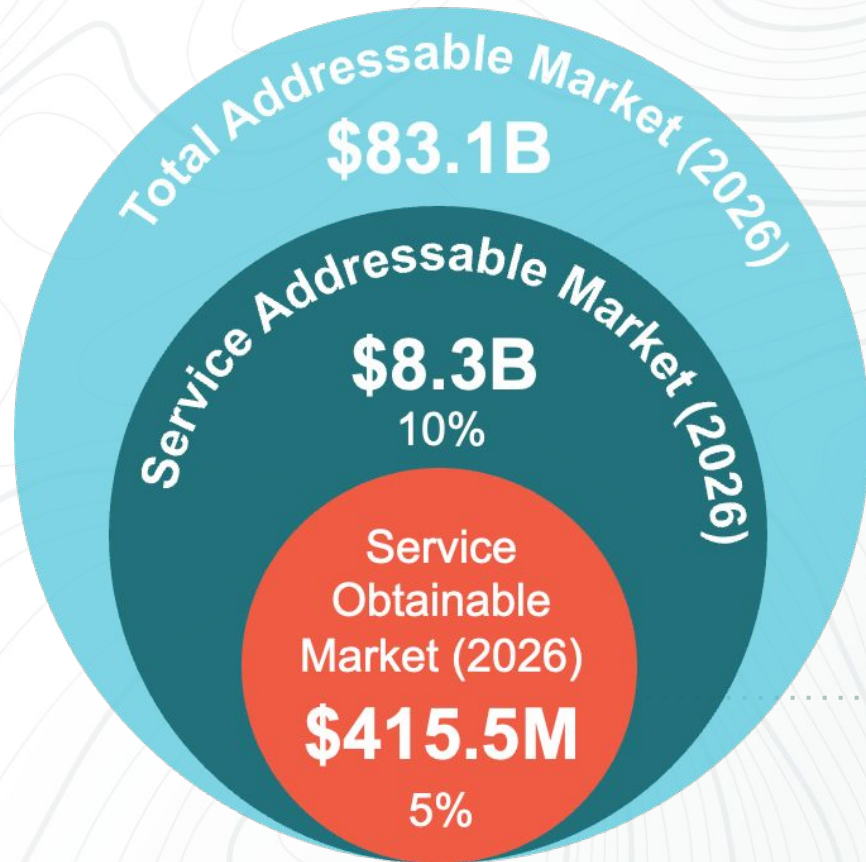
## FCC Certified

Approved in South Korea, Japan, Vietnam, Brazil

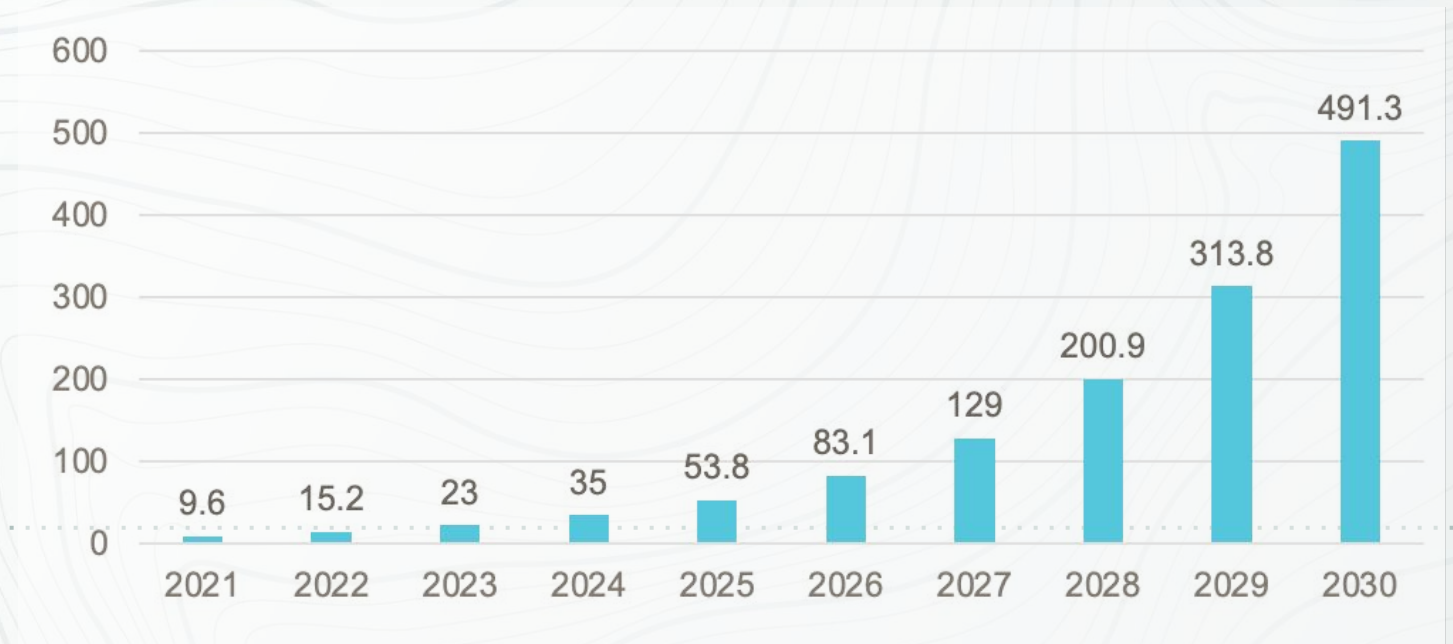
**SAM & CAGE codes registered**



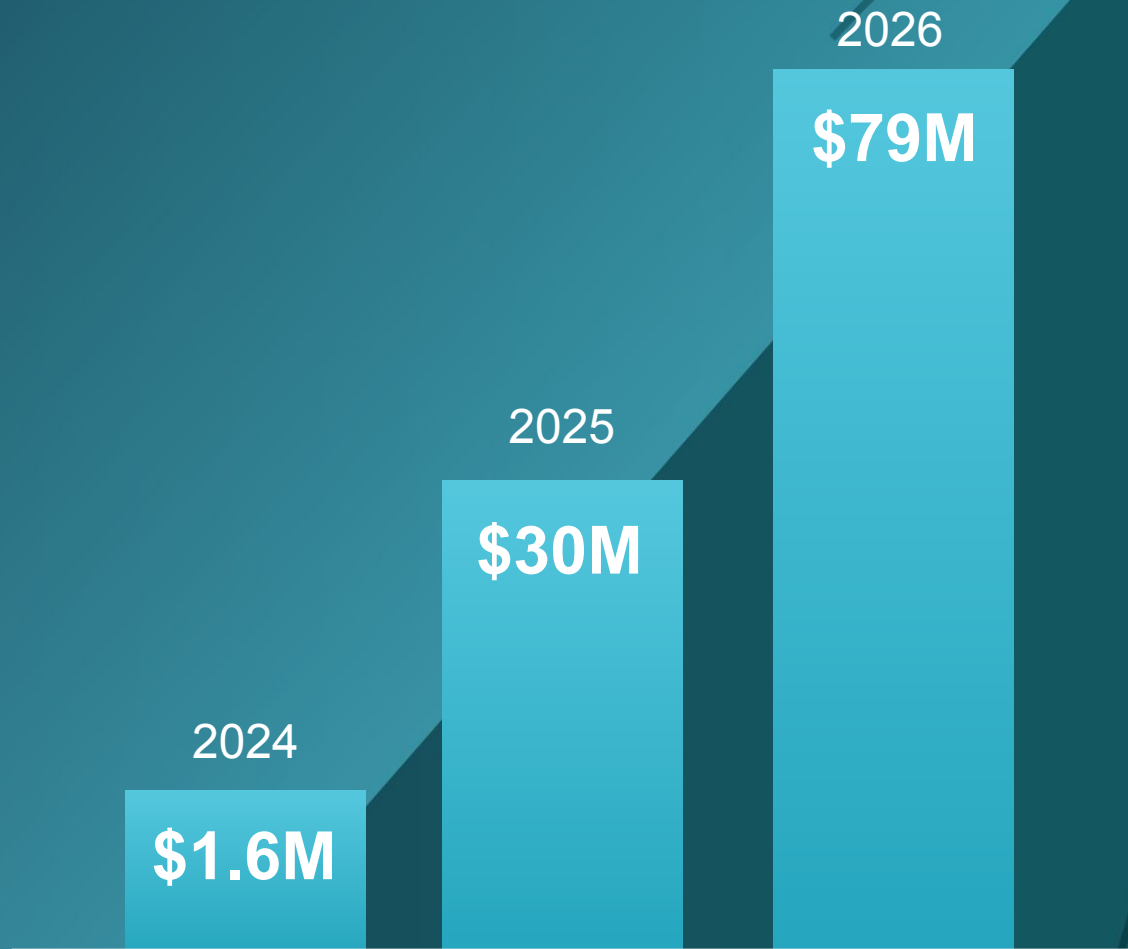
# Market Opportunity



Total Addressable Market LTE/5G (\$ Billions)



# 3-Year Sales Revenue Projections



\* Projections

## HIGHLIGHTS

### 2023

- ✓ Complete Colorado State gov. pilot
- ✓ Win Michigan municipal broadband account
- ✓ Prove multi city Brazil 5G Smart City pilot

### 2024

- ✓ CBRS market expansion
- ✓ 5G Private Network market expansion
- ✓ Network in a Box (NIB) market expansion
- ✓ Defense contracts

### 2025

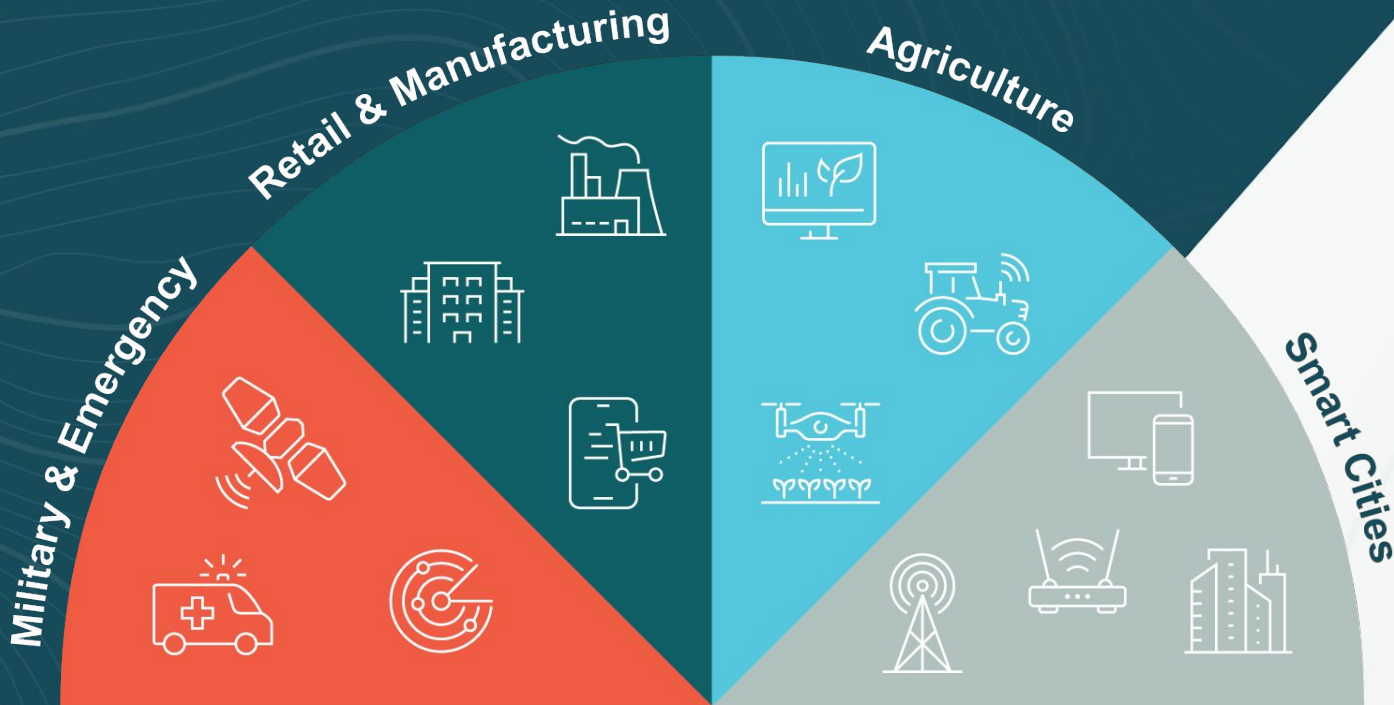
- ✓ Increase international business
- ✓ Supplier to major telecom operators



# What is CBRS?

## Citizens Broadband Radio Service

A band of radio frequency spectra authorized by the FCC in 2020 that includes General Authorized Access (GAA) users.



**CBRS provides privacy and security.** Networks are controlled by the communities and businesses deploying them.

CBRS spectrum can support a variety of wireless, commercial applications using both 4G and 5G technologies with **greater coverage than WIFI**

**Most new wireless devices such as Samsung and Apple smartphones support CBRS frequencies** thus making them compatible with EUCAST's equipment

**CBRS spectrum is free**, but it must be registered with Spectrum Access System (SAS) that governs the use and sharing of the spectrum





# What is a Private Network?



## Private networks are used in Healthcare, Manufacturing, Utilities and More



Asset Tracking



Video/Drone Surveillance



Operations Monitoring



Dedicated Capacity



Smart Cities Last Mile



Failover System



# Product Applications



5G Small Cell

## 5G Small Cell is a game changer for indoor applications

- Easy to install and operate in support of a wide variety of wireless devices
- Wider WIFI coverage with greater security
- Secure, low latency, 5G scale and performance
- Single core support for distributed cell deployments



Base Station

## LTE/5G weatherproof base station for outdoor deployments

- Wireless coverage for single site, highway route and/or square mile coverage
- Supports voice and data applications including streaming video surveillance
- CBRS spectrum use provides deployment freedom without added cost
- EUCAST can often piggyback on existing infrastructure, keeping costs low



LTE eNodeB

## LTE coverage in areas where mobile carrier service ends

- Rural areas and disadvantaged underserved areas are not left behind due to lack of connectivity
- Creating a private network enables IoT initiatives like smart farming, smart city and smart health to be deployed



# Product Applications



Network in Box

## Light, portable and reliable

- Immediate wireless coverage for troops anywhere and anytime
- Complete system includes a Radio Access Network (RAN), Network Core and Application server in a single box
- Satellite capability enables off-net communication and data exchange



Network in Box

## Ship to Ship and Ship to Shore connectivity

- Communication coverage that can be daisy chained beyond a point of presence
- Complete system includes a Radio Access Network (RAN), Network Core and Application server in a single box
- Excellent for first responders, emergency management services, and industrial shipping yards needing connectivity to assets



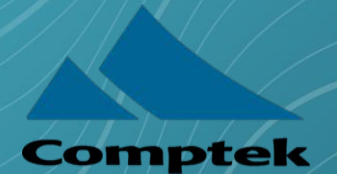
Drone Carrier

## On-site, drone-enabled network for natural disasters

- Provide real time video connected to a drone enabled Network in a Box
- Boost up communication coverage substantially
- Attach other capabilities to enable further automation like sonar, artificial intelligence, GPS, and even thermal cameras.



# Partnership Portfolio



# How We Are Better

	Celona (USA)	Airspan (Israel)	Baicells (China)	Sercomm (Taiwan)	SpiderCloud (USA)	Redline (Canada)	Qucell (Korea)	EUCAST Global	Big Vendors*
4G/5G Indoor Base Station	✓	✓	✓	✓	✓	✓	✓	✓	✓
4G/5G Outdoor Base Station	✓	✓	✓			✓		✓	✓
Proprietary 4G/5G Core	✓		✓					✓	✓
Network in a Box								✓	
Public Safety Solution								✓	✓
Military Solution								✓	✓

\*Based on publicly available information.

\*Big vendors include Nokia, Erickson, Samsung.



# Our Business Model (Projected 2026)

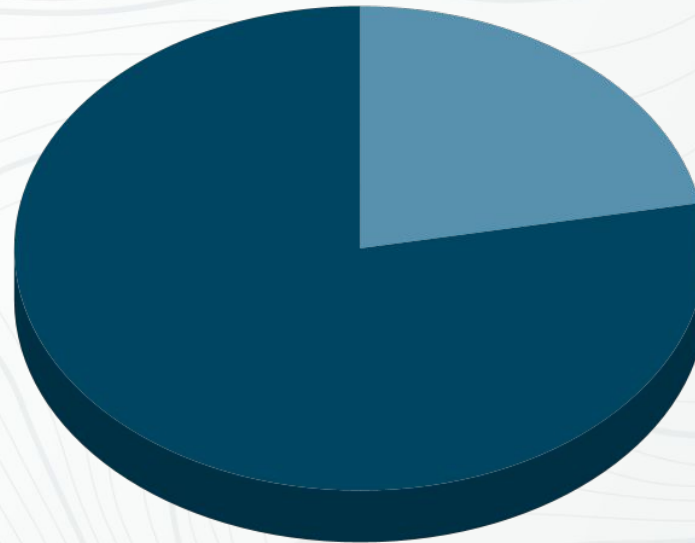
## Revenue Streams

- Equipment sales
- Core licensing
- Professional services
- Installation services
- Managed Services

## Go-To-Market

- Government contracts
- System integrators
- Telecom distributors
- Value added resellers
- Direct technical sales

## Revenue Breakdown



- Equipment / Hardware Sales 22%
- Software + Core Network Sales 78%

## US Operations

- Product registration
- Application development
- Market development
- 3<sup>rd</sup> party sales/licensing
- Managed service ops



# The Team



**Jaehyeong Kim**, FOUNDER, PRESIDENT & CEO

- Founder and CEO of EUCAST Co. Ltd.
- 30+ years experience of core technology R&D, technical strategy, and business development in mobile wireless technology industry.
- Started career at Bell laboratories, Lucent Technologies, NJ, USA.
- Served as a board member of Korea Communications Agency, a Korean government organization, from 2014 to 2016.



**Betsy Markey**, BOARD OF DIRECTORS

- 30+ years leadership experience in government & private sector.
- Served as a Member of Congress, a senior federal government executive, and co-founder and CFO of high-tech company.
- Most recently served as the Executive Director of the Colorado Office of Economic Development and International Trade, working with statewide partners to encourage dynamic economic development and sustainable job growth.



**Hanan Levin**, CHIEF FINANCIAL OFFICER

- Skilled in Impact Investing, Financial management, Capital Markets, and Global Finance, with national and international corporations.
- Provides expertise in building financial organizational structure for high growth companies.
- Analyzes and executes optimal capital structure for fundraising, funding alternatives and capital market issuance.



**Gary Sumihiro**,

EXECUTIVE VICE PRESIDENT, CORPORATE SECRETARY & TREASURER

- Progressed from attorney, General Counsel, Chief Operating Officer, President and member of the Board of Directors of large public and private corporations.
- Startup experience from product and service introductions to national/international business launches.
- 25+ years of experience in over 30+ countries.



**Chris Medina**, BOARD OF DIRECTORS

- Co-founder and Chief Strategy Officer of San Francisco based software company Clovity, Inc., a proprietary software company that provides enterprise solutions for the Internet of Things (IoT) software space.
- Extensive experience in IT specializing in cloud, mobile, marketing technologies, connectivity, and big data.
- Led Executive Management and R&D innovation organizations for top Fortune 100 - 500 companies.



# In The News

- Exhibited at the Disasters Expo USA 2023
- Small Cell Forum Industry Award 2023
- Denver Post Article on Successful CDOT Pilot
- EUCAST Proves Private Networks Solve Connectivity Issues
- EUCAST Partners with University of Denver
- EUCAST Successfully Tests Drone Mounted 'Network in a Box'
  
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