

wytec

# Executive Summary

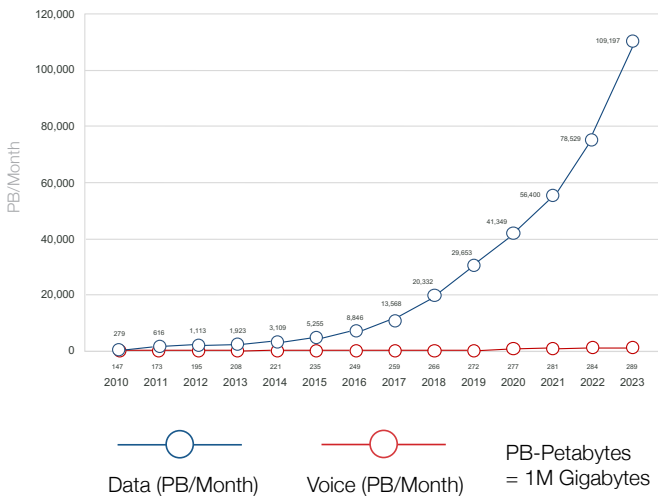


2022

## Industry Overview

In 2012, the Federal Communication Commission (“FCC”) predicted that U.S. mobile operators would experience a significant challenge in serving America’s smart devices due to an increase in mobile data usage. As a result, **5G** was introduced to support this increased data usage.

Global Data vs. Voice Usage (PB/month)



This accelerated growth in data traffic is being driven, in part, by an increase in smart applications, Internet of Things “IoT” services, e-commerce, and 5G city initiatives designed to support remote education and public safety in reaction to municipal governments experiencing overwhelming pressure to address these issues.

Additionally, our country has battled daily attacks against homeland security, first responders, our health care system, government facilities, and our educational system at an increasing pace, including tragedies at schools impacting the lives of our most precious.



Protecting our Children with Gunshot Detection

These attacks on America’s core infrastructures, along with the increased data usage, have challenged cellular carriers in delivering promised 5G services and speeds. Experts have expressed that for the U.S. cellular industry to support 5G services, a radical change in network architecture needs to occur. According to an article by PricewaterhouseCoopers (“PwC”), “5G networks can’t succeed without a **small cell revolution**. Small Cells are identified by a small cylinder-shaped device attached to city utility poles with two primary objectives in mind: to increase data capacity and extend coverage reliability.

## Connectivity for All

Wytec is the developer of municipal citywide networks and owns **patented small cell technology** known as the “**LPN-16**”. Its unique neutral-host design is a key differentiation from other small cell technologies with its ability to support multiple carriers from “one” small cell. This multi-operator architecture will be the “hands-down” choice by municipalities due to reduced clutter of city utility poles, the rapid pace that it can be deployed to promote a 5G city, and a public-private partnership (PPP) that allows the city to enjoy revenue.



Wytec’s Patented Small Cell

Another key feature and differentiation of Wytec’s LPN-16 design is its capability to integrate with other advanced IoT technologies, such as public safety (including gunshot detection), driver-less cars, remote medicine, remote learning, energy conservation, and cyber-attack prevention. Wytec’s LPN-16 design supports open architecture allowing multiple IOT technologies to work simultaneously from one small cell, reducing installation time and cost. Wytec is currently negotiating a gunshot detection technology integration into the LPN-16 development.

Today, carriers dominate the mobile cellular industry, but due to 5G deployments requiring Small Cells (like Wytec's LPN-16) to be installed on utility poles, city governments now have significant influence over Small Cell deployments due to "right of way" regulations requiring pole access. This legal authority has had a major impact on the slow growth of 5G deployments in America's cities due to the municipalities concern of overcrowding its utility poles with multiple carriers requesting access. Wytec's LPN-16 eliminates these concerns due to its multi-carrier features allowing for multiple operators to gain access to poles from one Small Cell. This is favored by the vast majority of municipalities.

## Wytec's Predictable Revenue Opportunities

### Gunshot Detection

In addition to our efforts to include gunshot detection on future developments of the LPN-16, Wytec is an authorized integrator of a gunshot detection that has been Designated by the US Department of Homeland Security under the SAFETY Act. The technology uses energy waveform sensors versus microphones and analyzes the event using AI to reduce emergency response time.

Wytec introduced this public safety product to Texas school districts at a convention in September 2022, in which 47 districts requested that we contact them for this solution. This product is one of many products that we can integrate into facilities to provide safer spaces to learn and work.

### Boosted Cellular Solutions

Wytec's cellular business model not only includes providing access to carriers on utility poles through its LPN-16 small cell architecture. Wytec provides boosted cellular services to commercial clients, including office buildings, restaurants, government facilities, banks, and school districts.

In 2019, Wytec participated and won a Request for Proposal (RFP) with **Laredo Independent School District (ISD)** in Laredo, Texas, for a solution to improve cellular services in ISD buildings. The RFP included a special "procurement" clause allowing any member of the Central Texas Purchasing Alliance (CTPA), nearly 200 ISDs, to utilize **Laredo's RFP** without the need for an additional RFP. The total number of buildings within the CTPA consists of approximately 4900 buildings, representing more than 575 Million square feet.

## The CTPA Project



~4893 Buildings

575,810,000 Square Feet

# \$322,048,805

*Estimate revenue over three-year period*

In 2022, Wytec was awarded two additional years with this RFP at .55 per square foot. If Wytec secures just half (50%) of the CTPA in-building cellular solution contracts possible with this RFP, the potential revenue is more than \$161 Million.

This estimate does not include Wytec's other products such as private LTE and its **gunshot detection technology**. Wytec estimates that depending on participation from the CTPA, Wytec's revenues could comfortably exceed \$500 million within the 3 year time period. Wytec continues to build on its original CTPA contracts and is now marketing a no cost gunshot detection trial to CTPA members while show-casing its in-building cellular product.

### Small Cell

In a recent publication by Allied Market Research, studies suggest that the Small Cell 5G Market will reach \$6.87 Billion by 2026.



## National Security Implications

It is no secret that the federal government has identified 5G technology as a high priority. More than \$180 billion has been allocated to various components of 5G with **cyber security** and **public safety** being at the top. A great concern expressed by the top levels of our federal intelligence divisions has been an eventual attack on America's power grid, essentially bringing down our primary economic infrastructure, including a substantial interference with America's financial markets, educational, health, and transportation systems. Recent reports indicate that the total potential cost of this type of cybercrime could exceed \$500 billion dollars.



Protecting Our Children

Wytec is now preparing to launch multiple 5G deployments involving both the CTPA ISDs and their corresponding cities with at least three pilot projects to combat the increase in school district **gun violence**. The proposed services will include the latest advancements in gunshot detection technology, video, geo-fencing, and more.



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## Capital Need Assumptions

Wytec has funded much of its initial operations through a limited number of private placements of its securities, during the research and development stage of its LPN-16 technology, and while growing its revenues with in-building cellular and private LTE services. The next round of capital will be utilized to complete commercialization of its patented LPN-16 to include gun-shot detection, expand sales and marketing operations, and to meet final qualifications for listing on NASDAQ.

Wytec has a 9.5% Convertible Secured Note (secured by Wytec's patents) which can be automatically converted into the DPO or IPO upon Wytec's NASDAQ listing. To learn more how to participate in Wytec's Convertible Note Program, please click below.

## Why Invest in Wytec?



This summary may contain forward-looking statements and projections relating to the potential future operating results or financial condition of the company. Please be advised that the company's actual financial condition, operating results and business performance may differ materially from those projected or from those which may be inferred by any forward-looking statements, forecasts or historical information. There is no assurance that the company will achieve the financial results indicated in the forward-looking statements or in historical information. There is no assurance that the company will be profitable, that it will earn revenues or that investors will receive a return of their capital or any cash distributions. Any projections are estimates only based on assumptions which may prove to be incorrect. See "risk factors" in the memorandum.