

# How the New Mexico State Police Disinfect Vehicles Between Calls

## At a Glance:

- Amidst the nationwide increase in calls due to the COVID-19 pandemic, the New Mexico State Police also saw staffing issues beginning in 2020 which required their 671 officers across 13 districts to transition to 12-hour schedules.
- During this time, the NMSP needed to optimize their processes to support their staff, so they brought on automated disinfecting foggers to sanitize squad cars quickly.
- With Breezy Blue Response foggers, the NMSP is streamlining their cleaning procedures, deodorizing their K-9 units, and eliminating >99.9% of pathogens with 5 seconds of fogging.

## Introduction

Protecting New Mexico since 1935, the New Mexico State Police (NMSP) is the premier law enforcement agency that serves all jurisdictions in the state. The NMSP offers specialty teams, federal law enforcement partnerships, computer forensics, and a drone team. This agency takes pride in its community by providing the highest training standards for officers and deploying new technology in a digital age.<sup>1</sup>

Law enforcement agencies nationwide have been hit with calls for police reform and difficulties brought on by the COVID-19 pandemic. With the murder rate increasing by 30% nationwide<sup>2</sup>, in the wake of the pandemic, for example.

## Challenges

In New Mexico there are now roughly sixteen officers per 10,000 civilians.<sup>3</sup> In February 2022, the Albuquerque Police Department transitioned to a 12-hour schedule due to staffing issues.<sup>2</sup>

As of 2021, there are 671 NMSP officers, serving 13 districts

across the state. NMSP has worked in coordination with local law enforcement agencies and communities to carry out crime suppression and traffic enforcement measures in Bernalillo County, Valencia County, and McKinley County. When state police worked to curb crime in Albuquerque in 2019, fifty officers were involved in that effort, this time it's only 35 officers.<sup>4</sup>

Busy, understaffed departments require efficiency, but this cannot be done at the expense of safety. Disinfecting and deodorizing must be quick between calls. The NMSP required a flexible solution that could accommodate their unpredictable schedules that was backed by laboratory testing.

## Solution

[Build With Robots Inc.](#) (BWR) partnered with the NMSP in their mission to protect their community and their fellow officers by using technology to effectively disinfect their fleet of response vehicles. Breezy Blue Response, by BWR, provides a stationary disinfecting solution that makes disinfection possible in less accessible locations.

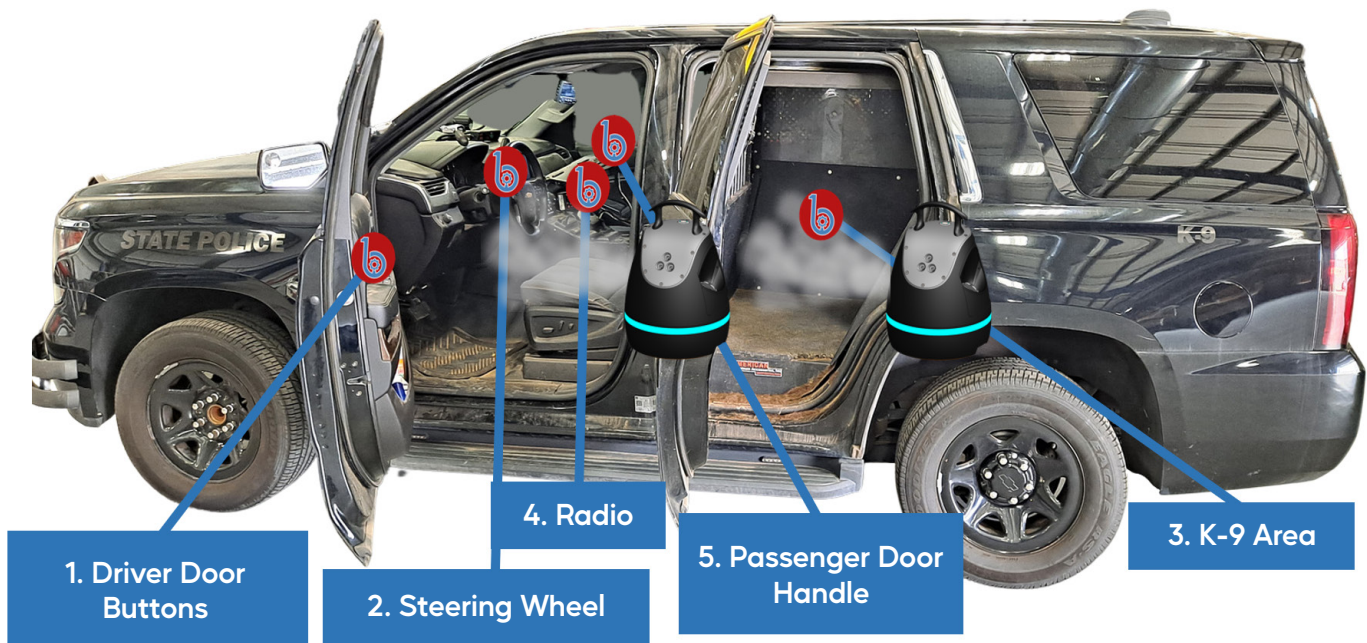
Efficacy testing performed by BWR showed that the fogging technology evenly distributes Breezy BioCare, the disinfectant utilized, throughout the squad car (shown on the next page). The disinfectant is [EPA List N and List Q](#) certified and [Green Clean Institute](#) certified.

Based on efficacy field testing results, it is recommended that to ensure 99.9% efficacy throughout the K-9 response vehicle, fog for five seconds from driver door towards passenger door. Fog for five seconds from the trunk through to the K-9 holding areas. Fog the K-9 area for additional time to help with odor control. Lastly fog the detainee area for five seconds. Breezy BioCare's summary of efficacy can be accessed upon request.

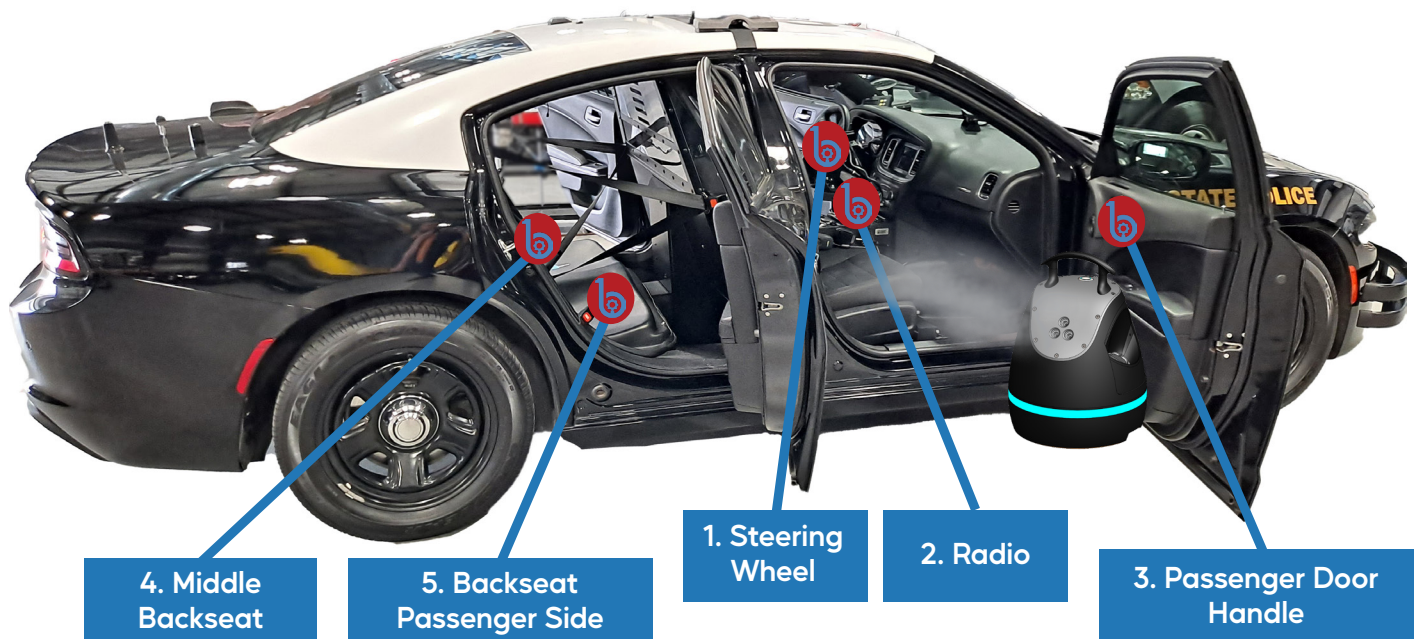
Breezy Blue Response is a supplemental device to be used in conjunction with Center for Disease Control and Prevention ([CDC](#)) guidelines and face covering guidelines.



## K-9 SUV Fogging and Test Strip Locations



## Squad Car Charger Fogging and Test Strip Locations



### Sources

1. [https://mcsk12nm.org/apps/pages/index.jsp?uREC\\_ID=388089&type=d](https://mcsk12nm.org/apps/pages/index.jsp?uREC_ID=388089&type=d)
2. <https://www.washingtonpost.com/education/2022/07/05/absenteeism-behavioral-issues-pandemic-data/>
3. <https://www2.ed.gov/datastory/chronicabsenteeism.html#four>
4. <https://www.ruraledu.org/WhyRuralMatters.pdf>
5. [https://nces.ed.gov/pubs2018/2018052/tables/table\\_04.asp](https://nces.ed.gov/pubs2018/2018052/tables/table_04.asp)