



## OVERVIEW

In late May of 2020, a new luxury apartment complex near Arizona State University in Tempe, Arizona completed construction and was looking to get internet service to their building. For this they sought out Alluvion Communications. Alluvion is a bespoke voice, data and fiber solutions provider in Arizona. From dark fiber to business internet access, Alluvion is dedicated to providing best-in-class service to the businesses they serve.

This brand-new apartment complex needed to test their emergency systems to get their certificate of occupancy. This testing typically requires the building to test the phones inside the elevators, the panic phone on the rooftop, and their door access which all require an internet connection. In order to get their tests done in time, the apartment complex needed internet with a quick turnaround. While typically a provider of fiber internet, this situation called for access faster than fiber could be installed. This caused Alluvion to find a creative solution by partnering with One Ring Networks.

## THE CHALLENGES

End-customer needs internet access before fiber can be installed

## THE SOLUTION

One Ring Networks' Temporary Fixed Wireless Service

## THE RESULTS

- On Time Installation
- Customer completed testing of systems
- Stop-gap solution while awaiting fiber installation



*Fixed wireless equipment adjustment*



## A Need For a Fast-Flexible Solution

Alluvion needed a data solution that could be installed quickly to allow for the end customer to test all of their emergency systems, and to act as an interim internet connection until fiber could be installed. To get this interim solution, Alluvion Senior Sales Engineer Lenny Lara contacted One Ring Networks. "I reached out to One Ring to let them know I had this opportunity and then we were fortunate that they had three access points that we could utilize, so we put up a temporary wireless connection," said Lara.

For this project Alluvion and One Ring Networks decided fixed wireless internet was the best option to get their end client the internet access they needed to get their certificate of occupancy on schedule. Fixed wireless technology is frequently used as a temporary measure to provide a high-speed internet connection while waiting for installation of fiber. This is because fixed wireless can be installed in as a little as two weeks, making it an excellent interim solution for this type of situation. On this project, One Ring Networks' installation technicians worked hand in hand with Alluvion to install the 30mbps x 30mbps fixed wireless solution by June 1<sup>st</sup>, a seven-day turnaround.

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LENNY LARA SENIOR SALES ENGINEER ALLUVION COMMUNICATIONS

## A Challenging Installation

In the sweltering 115-degree Arizona heat, One Ring installation technicians worked with Lara to get the fixed wireless circuit installed on the rooftop of the apartment complex. The installation was met with many situational challenges that the team overcame. The fixed wireless equipment, which was on the 24<sup>th</sup> floor, needed to be connected to the Main Distribution Facility (MDF) which is located on the ground level of the apartment building. This resulted in an extensive cable run from the 24<sup>th</sup> floor all the way down to the 1<sup>st</sup> floor, during which the team met and overcame numerous additional challenges as they went.



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LENNY LARA SENIOR SALES ENGINEER ALLUVION COMMUNICATIONS

In spite of all the challenges, the team finished installation of the fixed wireless circuit on June 1<sup>st</sup>. The next day Alluvion technicians installed the voice systems and tested their connection with inbound and outbound calling and the internet connection worked perfectly. "It was just one obstacle after another with this project, and when we finally got it done and went live on June 1<sup>st</sup>, it put a smile on my face and I just told my manager that this was a great experience working with One Ring," said Lara.

## Who We Are

One Ring Networks is an industry-leading provider of voice and data services across Arizona, California, Georgia, Maryland and Texas. We offer hosted PBX, fixed wireless, fiber and unified communications solutions to businesses of all sizes. To find out more about our customizable options please contact 1-855-ONE-RING or email our team at [sales@oneringnetworks.com](mailto:sales@oneringnetworks.com)

Alluvion Communications offers a suite of mission-critical enterprise communications solutions that are always **Smart. Fast. Reliable.** Our bespoke services introduce service provider options to markets with our own unique network and local network operations center.

For more information, visit [alluvion.net](http://alluvion.net) or follow us on LinkedIn, Twitter, and Facebook @alluvioncom.



*One Ring Installation Technicians Andrew Mele (left) and Sergio Diaz (right)*



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