

## OVERVIEW

Our 3PL client was required to onboard their new high profile customer starting the day after acquiring a new 400K SQFT warehouse in Bloomington, CA. Empire was tasked with deploying a 100% coverage wireless network within 3 days of occupancy.



## CHALLENGE

The newly acquired space came with zero network or security infrastructure and the 3PL's client would require both within the first week of operations. Unfortunately building management would not allow any early access to the facility to install the needed infrastructure. It was determined that the Wireless network would need to be prioritized and installed first and would need to be functional within the first week of operations in order for the 3PL to successfully onboard their new high profile client. Considering the size of the building and the obstructions within the building a properly designed and installed wireless network would be critical to the 3PL's operations..

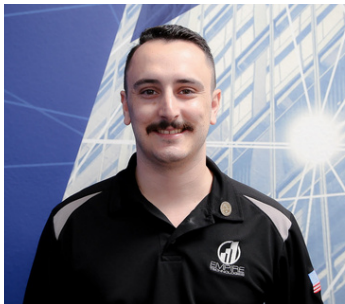
## SOLUTIONS

**Wireless and Wired System-** ETG sourced all equipment required within a one week time frame and began prepping for install by designing, sourcing, programming all equipment prior to having access to the install site. The new network consisted of (5) IDF cabinets with dedicated SM Fiber uplinks, (1) MDF and (44) Wired Access Points via CAT6 cable. ETG also completed structured cabling within office spaces.

**Security Systems-** ETG designed a new Alarm system consisting of (50) zones to cover all entries, exits, docks, and gates. In addition ETG designed a new surveillance system consisting of (40) High Definition IP cameras and a new VMS server to record over 30 days of recording.

## RESULT

Within three days of receiving the keys to their new space the client was able to start using a fully functional wireless network and begin receiving and shipping their customers product. Shortly after the building was secured and the 3PL's client was on-boarded successfully.



Dean Estrada Account Manager  
Empire Technologies

"Fortunately it's not that often that we only have three days to install a new network in a 400K sqft building. With the right team and plan here at Empire we were able to pull it off successfully and keep our customer happy."