



# Phoenix Sky Harbor International Airport

Pathway to Mold Free HVAC



## Identify

reduced the frequency of costly manual HVAC cleanings to save money, which led to mold growth in the Air Handling Units (AHUs) and caused a musty odor throughout the facility.

## Apply

Implemented the **Cognituv Grid system**, engineered for continuous UV-C treatment within the AHUs to eliminate mold and biofouling.

## Verify

The manual cleaning company conducted extensive swab analyses to assess UV-C effectiveness. Lab results showed significant reductions in pathogens, including molds, compared to other AHUs that were only manually cleaned.

## Successful Outcomes

- Automated Maintenance: to reduce the need for manual cleaning.
- Energy Savings: Improved HVAC efficiency led to lower energy consumption.
- Improved Indoor Air Quality (IAQ)
- Cognituv UV-C works in Dusty environments

## AT A GLANCE

Transportation/Aviation Sector

Airport Facility

Phoenix, Arizona

# Cognituv

Cognituv.com  
Spicewood, Texas  
Team@Cognituv.com  
1-888-580-8738