

# World's largest wood pellet producer rolls out a new cloud-based access control system to all of their manufacturing facilities in the southeast.



## Client

Enviva is the world's largest producer of wood pellets - a cleaner energy alternative to fossil fuels. They were looking to upgrade the access control system for all of the facilities, so they brought in ASD® to handle the technology rollout.

## Challenge

Enviva already had several locations for manufacturing, storage, and office space; they just wanted to upgrade their access control system. They began researching their different options and discovered OpenPath, which provides a cloud-based, mobile-friendly, access control solution. ASD® is one of OpenPath's preferred installers, so they put us in touch.

### IMPORTANT CONSIDERATIONS

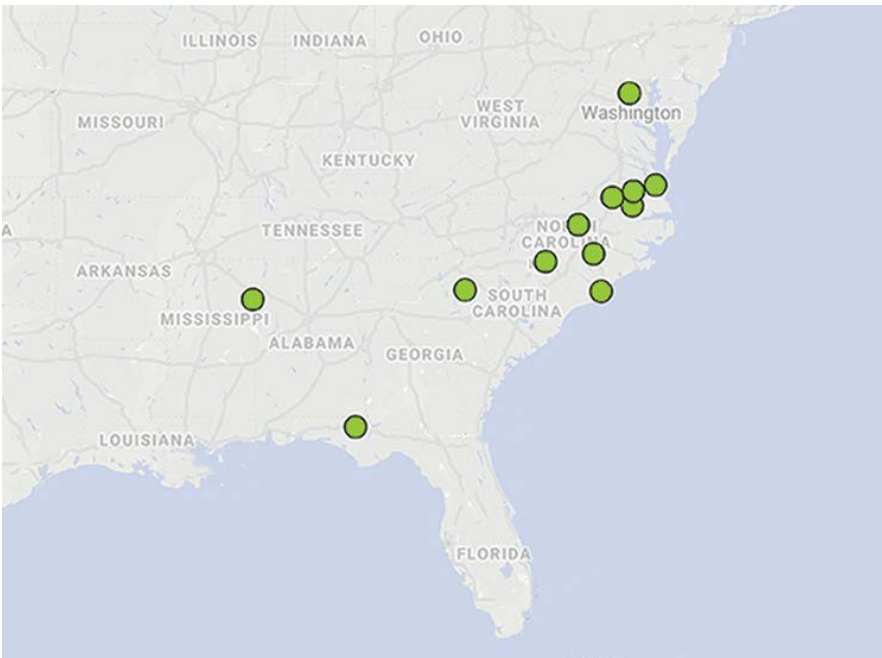
- What extra safety precautions need to be taken?
- Will there be technicians available to service all of the facilities considering their remote locations?
- Which access control solution will allow them to monitor and manage the system remotely?



## Solution

The nature of Enviva's business is very dangerous, so safety and security are of the utmost importance. Choosing the right system was the first hurdle. OpenPath ultimately seemed like the best solution because the cloud-based platform allowed them to manage all of their locations remotely with a simple app.

The next hurdle was the physical installation of the technology. Because of how flammable wood pellets are, Enviva's manufacturing plants can't be within five miles of a metropolitan area, and most are in very remote locations. This made finding a qualified technician tricky, but with the AASDI network, we were able to find the perfect fit for the job and selected one technician to service all of the facilities. Choosing a single technician helped expedite the installation process and ensured consistent deliverables. Which was especially important considering all of the existing locations were different. One had a brick wall that the tech had to go through, another had metal, so a fiberglass wall had to be built around the work area to contain the sparks.



## Result

Enviva now has an updated and modern access control solution across all of its locations, from their corporate office in Raleigh, NC, to their manufacturing plant in Cottdonale, FL. Management and maintenance are now significantly easier. Users can be added or removed, doors can be monitored, and more with the touch of a button. ASD® was able to deploy the technology quickly to ensure minimal downtime.

## Project Summary

### INDUSTRY

Industrial & Manufacturing

### SERVICES

Build

### TECHNOLOGIES

Structured Cabling  
Access Control

### HIGHLIGHTS

- 13 Locations Across the Southeast
- OpenPath Cloud-Based Access Control System
- Unique and Challenging Environments Required Additional Safety Precautions