

CASE STUDY: EnviroSpark Cuts Permitting Time in Half by Digitizing the EV Charger Install Process



The Challenges

Electric Vehicle charger installations are complex and require precision. Starting with a site walk, Envirospark would hand-draw an as-built diagram of existing infrastructure and take photos of the site before submitting all the messy information to their engineering team, sometimes waiting up to two weeks to get engineered plans back to submit for permitting.

The Solution

With Condoit's built-in simulations and load calculations, Envirospark's team was able to reduce the time to a week or less. Cataloging the existing system and designing the new equipment inside of a centralized digital platform has dramatically improved their processes.

Condoit's Features:

- EV charger installation tools
- Automated plan sets
- Access to a existing and new design
- Pass/Fail upstream load calculations
- Notes and site photos in-app and labeled

The Results

- ✔ Collected information in real-time with digital notes & photos directly from the field
- ✔ Reduced review and approval times with immediate digital access to reports.
- ✔ Created a "one-stop-shop" for design, pricing, and quotations for clients
- ✔ Save time by increasing your project managers and sales teams effectiveness in the field

Client Profile

Envirospark is a turnkey provider of EV charging stations that installs, sells, and maintains charging stations for clients of various sizes. They have installed over 7,000 plugs across the US and Canada for all of the major OEMs.



Just on my EV projects I am
on track to

save \$90K

on Engineered Drawings.

*Will Grady
Envirospark EV Charging Consultant*





Envirospark is a turnkey provider of EV charging stations. We install, sell, and maintain charging stations for any number of clients. We have installed over 7,000 plugs across the US and Canada for all of the major OEMs. Condoit was introduced to our company several months ago and since then it has been a vital tool for our growth and expansion.

Condoit allows us several key functionalities when it comes to use in our company. We use it as a training tool for incoming salesmen to learn about the electrical side of what we do, and how to recognize equipment that is useful to us. Their software has also allowed us to revolutionize the way our salesmen operate in the field. They can take notes and photos in the app which gets stored with corresponding projects. They are able to take what they are seeing in real time and input it into the app, allowing our master electricians in the office to simultaneously verify what they are doing. This allows us quicker turnaround times for our clients, setting us apart from our competition.

We are taking Condoit a step further and fully integrating it into our system. When a salesman starts a project it will be through Condoit with the goal that any and all info put into the project will funnel through to various other systems, such as a pricing matrix, and scope of work for subcontractors to be sent when the project is ready. This allows a salesperson to have a one stop shop when it comes to design, pricing, and quoting to the client. Everything will feed from the Condoit app downstream to these various other systems.

Condoit has been very easy to work with and use of the app has made previously challenging tasks significantly easier and more streamlined. Without this app, we would be stuck waiting 2-3 weeks to get engineered plans back to submit for permitting, but with Condoit we are able to shorten this process down to closer to 1 week. We are excited to see what the future holds for them and how they will continue to help us in our expansion and goal of being a dominant force in the EV space.

Will Grady

Envirospark EV Charging Consultant

