

Electric Panel Certification App

This time-saving, user-friendly app is designed for electricians and electrical technicians.

It streamlines and simplifies the documentation process for electrical panel installation, repair and certification. This app is also ideal for electrical commissioning tests and inspections, and for solar panel installers.

The Electric Panel Certification app provides a straightforward way to organize photos and show the proper installation of electrical panels.

- Saves time and labor.
- Documents the installation and repair of electrical panels.
- Creates and organizes secure, digital documents in minutes.
- Manages photos and video – stamped with time, date, ambient temp and GPS location.
- E-signoff for multiple signatures.
- Time-locked, encrypted data fields.
- Easy side-by-side photo comparisons.
- Email completed forms as printable JPGs.
- Save and store files by date, project/system and client.
- Creates detailed proof of work for clients, project managers, etc.
- Work anywhere. No server connection needed.
- No ads.
- No more lost or damaged paperwork.
- Patent-pending, digital documentation process.

Features and Specifications:

Supported Devices: Any Android device with OS 11 or higher. Also all iPhones 4 and up, and all iPads 2 and up with OS 7.0 or higher.

Device Capability Requirements: Camera, touchscreen, email account (ambient temperature sensor will be leveraged when present for Androids).

Application Size: Under 3 MB

Internal Memory Usage: Compressed SQL database and photos. Approx. 250K usage per image. SQL-backed list of certification forms. Standard SQL – can be exported and browsed by a wide range of professional software.

Multiple E-Signoff Enabled: Forms can be E-signed right on the device and emailed out as a JPG image that is easy to print out for hardcopy records.

Organize Mechanical Image Captures: Photos are date/time/ambient temperature stamped.

100% Documentation of Certification Process: From start to signoff.

Stand-Alone Application: No ads. No server side component and no Internet access utilized by the App except GPS location services for address look-ups and to email completed certifications to selected recipients.

Payment Model: Free to download and evaluate a limited set of features. Full features can be accessed with a subscription model. Visit our App Store or Google Play sites for details.

Screen Shots

Verizon3:08 PM

< Save

Edit

Cancel

Mon 1/18/16 03:08 PM

Newark School District

47 North Elwood Newark 95075

Snow Elementary School


John Thomson TGL Electric


E.401


Electrical


Passed


Torqued


Mon 1/18/16 3:02 PM

Mon 1/18/16 3:02 PM

Mon 1/18/16 3:03 PM

Mon 1/18/16 3:03 PM

Mon 1/18/16 3:03 PM

Mon 1/18/16 3:03 PM

New breakers installed at room208.

Verizon3:09 PM

< Back

Saved Certifications

Date	Customer	Panel Ty...	Status	
Mon 1/18 3:08 PM	Newark School District		<div></div>	>

Verizon3:09 PM

Welcome

Saved Certifications

New Form

About

Nuke Database

Export ZIP

Send Feedback

Upgrade

2:39 PM

Certifications

Ambient Temperature 72° F.

Date	Customer	Project	Passed	
Tue 11/17/15 2:36 PM	Newark School District Lee Junior Highschool		<div></div>	
Tue 11/17/15 2:36 PM	Newark School District Lee Junior Highschool		<div></div>	
Tue 11/17/15 2:38 PM	Newark School District Snow Elementry		<div></div>	
Tue 11/17/15 2:36 PM	Newark School District Lee Junior Highschool		<div></div>	
Tue 11/17/15 2:38 PM	Newark School District Snow Elementry		<div></div>	
Tue 11/17/15 2:38 PM	Newark School District Snow Elementry		<div></div>	
Tue 11/17/15 2:38 PM	Newark School District Lee Junior Highschool		<div></div>	
Tue 11/17/15 2:38 PM	Newark School District Snow Elementry		<div></div>	

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New Certification

Options

Estimated Time and Labor Savings with Electric Panel Certification App

Activity	Current Labor Hours without App (in minutes)	Labor Hours with App (in minutes)	Labor Hours Saved with App (in minutes)
Finding and Printing Documents	30 min per job	30 min initial download; 5 min per every additional use	0 min initial; 25 min for additional jobs
Transporting Documents to Field	30 min	5 min to find phone	25 min
Completing Documentation	15 min	15 min	0 min
* Loss, Incomplete, or Inaccuracies on Documentation	120 min finding; lost paperwork or recreating docs	15 min find phone and re-email completed documents	105 min
Scanning Documentation	5 min	0 min; no scanning needed	5 min
Emailing Documentation	20 min travel to office; find, scan, email document	5 min type in names and send email from field	15 min
* Further Documentation Requested by Customer	0-120 min depending on request	5-15 min to resend or reprint certification if hard copy requested (App provides all detail and photos customers will need)	Up to 105 min
Multiple Inspections	15 min x number of inspections	5 min (App auto-fills project details from initial inspection report)	10 min+
Totals	355+min	95 min	290 min+

- ◆ **Items with Asterisk (*) don't apply to all jobs, but often occur in the field.**
- ◆ **Total estimated labor hours saved in one certification:** 55 min. minimum, up to 4 hours, 50 min depending on customer and job.
- ◆ **Total estimated labor hours saved on projects with 25+ certifications:** 22.9 hours minimum, up to 120.8 hours.

If the average cost of labor is \$120 per hour:

- Estimated cost savings for one certification is \$110 minimum and up to \$580
- Estimated cost savings for large projects with 25+ certifications is \$2,748 minimum, up to \$14,498.

Electric Panel Certification App – Document Quality

Process	Current Documentation Process	Documentation When using Application
Obtain Documents	Must find correct paper form	Find phone; open app
Secure Picture of Repair Required or Completed	None	Yes-Live Digital Capture, no photo import/export ensures document integrity
Time/Date Stamp	None	Yes-Watermarked
Temperature Stamp	None	Yes-Watermarked
GPS Stamped	None	Where available
Locking Fields	None	Yes-All fields
Signature	Pen/Paper	Real-time E-signature
Secure Filing of Documentation	Transport back to shop, scan, email	Email immediately from field
Company Certification Without Inspector	None	Yes-Through patent-pending, time-locked process. Includes E-signed certification form, time-locked data fields and time and date-stamped photos
Certification Document	None	Yes-Through patent pending time-locked process. Includes E-signed certification form, time-locked data fields and time and date-stamped photos
Quality of Document to Customer	Handwritten, scanned paper (no embedded photos)	Digital capture of electrical work with all information typed, e-signed and securely locked

- This app improves the quality of the certification by providing a time-locked, date and GPS stamped photo documentation that is not editable.
- App documentation offers assurance to inspectors, business owners, customers and tradesmen that the tests are performed and documented at the highest standard.

Electric Panel Certification Application – User Instructions:

- 1) Open app interface. Tap on “new form” and fill out a new certification form. Type in the panel category.
- 2) Go to camera icon. Tap. Take photo of electrical panel internals, torqued connections, panel cover breakers, terminations, and general makeup. You can take up to six photos for this documentation process. The photos will be non-editable, but you can retake a photo until you are happy with the results. Save.
- 3) Run any diagnostic or job-required tests with inspector or administrative authority as necessary. Confirm “pass” or “fail”. Add comments such as the type of inspection in the comment box and save.
- 4) Open saved certification file in interface. Confirm all information on certification form. Tap “sign and e-mail.” At this point, all information that has been typed in and all digital photos that have been saved and confirmed as a “pass” will be non-editable. Tap “sign” to E-sign. Type in installer’s name and sign document using a stylus or finger. Tap “sign” again to have inspector type in name and sign. Add additional signatures as required. Once E-signoff is complete, tap “e-mail”, type in recipient email addresses and send.
- 5) You may have multiple inspections on one project in edit mode. You can duplicate all information except the photos each time you open a new inspection form for the same project. Just press the “duplicate” button to auto fill the job details for each new inspection on that project. You can edit the duplicated information, such as the type of system being inspected (for example, fire panel, first floor lighting, or outdoor lighting) and any other information as needed. You can also organize multiple inspections for large projects on the interface in “saved forms” by “system”, “customer”, “date” or “status” to easily track multiple inspections.
- 6) Open icon. Use “send feedback” button to let us know how the app is working or if we can be of any help.

FOR MORE INFORMATION, CONTACT:

Chris Eberhardt

Phone: (669) 292-3022

Email: ceccsolutions@gmail.com

Website: ceccsolutions.com