PCS™
Field Data Collector

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Field Data Collection Software

Purpose Built for Corrosion Prevention and Control

PCS Field Data Collector (FDC) software is the industry standard platform enabling you to perform your annual, periodic, DCVG, and close interval surveys, and validate your inspection data in real time.

Use PCS FDC with our rugged field data collection devices including the Mesa Tablet or the Archer 4 Handheld Data Collector. Or, bring your own device!

Visualize survey routes with maps, and quickly identify and troubleshoot problems. Continuous improvements make it easy to stay ahead of survey demands.

Integrate seamlessly with the DVM2130 or DVM1110 digital voltmeters, built specifically for the cathodic protection industry.

Sync surveys wirelessly using PCS Wireless Sync, American Innovations' SOC2 Compliant cloud integration technology.

Device and Software Requirements

- Mesa Rugged Tablet for Android with DVM2130 digital voltmeter. Supports Android 11 and 14.
- Mesa Rugged Tablet for Windows or Windows devices running Windows 11. Optimized for use with the DVM2130 digital voltmeter.
- Archer 4 Handheld Field Data Collector - supports Android 16.
- Apple devices: iOS version 18 or above for certain iPads. Optimized for use with the DVM2130 digital voltmeter.
- PCS 2.2 or newer and PCS Survey Manager, if using PCS Wireless Sync.

PCS FIELD DATA COLLECTOR REQUIREMENTS

DVM2310 TECHNICAL SPECIFICATIONS

Working Voltage (DC)	250 V max. on primary input 500 mV max. on shunt input*
Working Voltage (AC)	175 V max. on primary input 350 mV max. on shunt input*
Input Impedance	100 MΩ on primary input | 100 kΩ on shunt input*
Measurement Category	CAT II 250V
GPS	Internal GNSS (GPS, GLONASS, Galileo, BeiDou)

Connectivity	USB-C, Bluetooth v5
Battery	Rechargeable Li-Ion via USB-C, 10-hour battery life
Weight	4.8 oz
Dimensions	2.94” x 4.44” x 1.5”

*This input has a range and impedance specially designed for measuring shunts more accurately

FREQUENTLY ASKED QUESTIONS (FAQs)

Where can I download the latest PCS Field Data Collector software?

- Mesa Android Rugged Tablet users: download from the Google Play Store
- Archer 4 users: download from the Google Play Store
- Apple device users: download from the Apple App Store

Do I need an internet connection to use the PCS Field Data Collector software?

An internet connection is needed for initial login to the software, but typical use of the software does not require an internet connection.

How frequently do I need to reauthenticate my login credentials for the PCS Field Data Collector software?

After logging in initially, users need to reauthenticate every 90 days with an active internet connection.

Where can I find more information?

Contact customer support at 512-249-3400 or by email at support@aiworldwide.com, contact your account manager, or visit our PCS Field Data Collector support page at support.aiworldwide.com.

Product Training & Enablement

Scan the QR code to access PCS FDC training content

NOTES. The DVM2130 and DVM1110 digital voltmeters have an IP67 rating for moisture and dust protection, operating temperature range of -4° F to 122° F (-20° C to 50° C), and storage temperature range of -22° F to 158° F (-30° C to 70° C). Refer to your host device documentation for additional environmental specifications/ratings.

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