



Megawattage LLC – Ensuring a nation's disaster readiness



2018 Story

Megawattage's GMP App

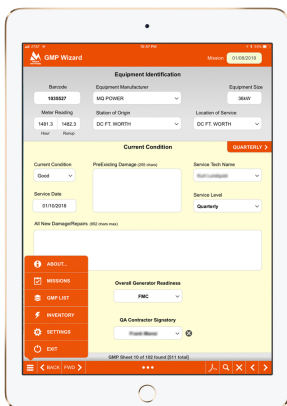
A turnkey, mobile first field service application

Software

- FileMaker® Go for iOS
- FileMaker® Server
- Apple® DEP and VPP
- Cisco Meraki SM
- Ubiquiti UniFi® Controller

Hardware

- iPad (5th Gen.)
- Mac mini
- Ubiquiti UniFi®
- Ubiquiti EdgeMAX®



Megawattage, whose client roster includes the Federal Government as well as many businesses in the continental U.S. and beyond, is one of the largest power generator maintenance, service and repair companies in South Florida.

Challenge

Megawattage's dedicated government service team is tasked with the year-round inspection and maintenance of the nation's sizeable stockpile of stand-by, large-scale diesel power generators. These stand-by generators must be kept ready for deployment at a moment's notice in the event of natural disasters or other national emergencies.

Megawattage approached us with a unique challenge: develop a field service app that can be utilized in remote locations, under all kinds of weather conditions (and often without internet connectivity) to collect generator metrics, record maintenance and remediation details, capture approval signatures, and generate completion forms.

Solution

Automation USA LLC leveraged its multi-disciplinary IT skills in software development, wireless infrastructure, mobile device management, and hosting to architect a plug-and-play, easily transportable turnkey solution. At its core is a hosted FileMaker custom app.

Result

GMP app is a pre-configured, stand-alone portable solution developed and hosted on the FileMaker platform and deployed on fully MDM supervised iPad tablets and Mac mini host. Workgroup collaboration is accomplished via a private, managed Wi-Fi network that can be easily deployed by Megawattage's field technicians with no onsite IT support required. Where cellular coverage is available, supplementary Internet connectivity can be easily enabled via optional 4G/LTE router.

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