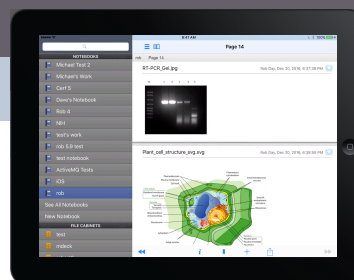




# iCERF

## CASE STUDY



## iCERF Use in Field Research

Research laboratories worldwide use the CERF and iCERF electronic lab notebook, including a US federal research facility involved in field-testing materials for impact resistance, and a biofuels consortium collecting samples all over the world.

With mobile devices like the Apple iPad, the iCERF App allows technicians to continually and securely access documents, data, and notes residing in their digital laboratory notebooks over Wi-Fi or cellular networks. Unfortunately however, network access is not always attainable in the field. To address this need, iCERF delivers an off-line mode enabling productivity to continue even when network connectivity becomes unavailable. Technicians can carry these documents in their devices, make changes in the field, and then automatically synchronize these documents back to CERF Servers once network access is again available. This off-line functionality can be crucial for researchers who need to work in locations with no network coverage.

*"If we're planning a trip out to the range... we can check the documents out, carry them with us all day on the iPad, edit them all day... and then upload them back to our notebooks when we get back to the office with an internet connection."*

*PhD Scientist and Engineer*

Traditional laboratory notebooks also lacked organization and searchability. CERF, along with its iCERF app for iPad, allows for all data, from notes to experimental results, to be placed into one location and be searched with ease. One researcher said that he can "...go back and find data, it's all there, it's all searchable. It's all accessible in a single place. It's easy to put in and it's easy to get back out what I

need, when I need it." The reduction in time and labor costs has been significant.

*"iCERF allows me to have all my scientific notes as well as all my project management notes as well as all the scientific data all written up in one place. And so at the end of the year when I have to deliver a project report, it's really easy to cut and paste the information."*

**Intrigued? [Download the latest version of iCERF from the iTunes store](#)**

What if your organization does not provide iPads to its scientists? No problem. The desktop version of CERF installed on your laptop or windows tablet also includes an offline mode for editing files away from the lab. If you prefer, you can even use email or dropbox combined with the **CERF automaton** to send your photos, voice notes or absolutely any other file directly to your CERF server from any device the moment you reconnect, dramatically reducing the time that data sits in vulnerable field locations.

*"[We needed a solution] that would be used by people from any laboratory within our company. CERF gave us the most flexible data capture options, and the widest range of capabilities when working inside or outside of the facility."*

No matter where your scientists are, or what they are working on, CERF helps use field time efficiently, but also keeps field data safe and gets it home fast.