



## Texas Army National Guard Mi-Forms Case Study

The Texas Army National Guard is required by regulation to perform an annual medical screening on more than 16,000 soldiers per year in order to immediately identify exactly how many soldiers are fit for duty. This annual process is plagued with logistical problems, such as how to transport part-time soldiers and certified Health Care Providers to the same location at the same time. The state's ability to accurately report what percentage of its soldiers are fit is compromised because the medical information collected is not correct and the information is delayed in getting into formats for review and reporting.

On one weekend, 283 soldiers were processed using 8 Mi-Forms medical review stations. Medical reports and data were immediately available for review by certified health care providers and by the TXANG command center for reports. Data analysis by the TXANG shows:

1. On target check-box data, 882 points correctly captured out of 882 potential points for 100% accuracy
2. On optical character recognition data, 5627 ICR Points were correctly captured out of 5710 potential ICR points for 98.5% accuracy (writer's corrected errors at the point of capture)

Additionally, the TXANG reported that medical officers typically were 'at ease' with the device and technology within three encounters. Four new medics were trained on the first day of this project. Overall, Mi-Forms reduced the man-hour requirements by half and the total cycle time more than 50% by reducing additional steps of manual data entry.

*We are currently using the product to capture both structured data and image data on several Department of the Army forms. With international deployments now the norm since 911, we use the device to capture the physical exams and other deployment processing documents. We're pushing the data to our personnel data system, and since Mi-Co can send the data in virtually any format, that's been seamless.*

*I consult and serve as a beta test site for e-MDs, a medical software development company so I have something to compare service support and dynamic on-the-fly product development. Mi-Co is a 10 on your scale. If anything they will deliver on your request and YOU'LL be the one holding up the implementation!*

*John Drobica, PA-C, MPAS*

Project included hardware, software, licenses, forms design, training and implementation at the customers' location. Phase II is pending funding.



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