



# doForms are Helping Improve the Lives of Mothers and Children in India

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We evaluated several electronic form systems, including open source and commercial software. doForms was the only solution that met all of our needs at a price point that was affordable. The doForms team was also very forthcoming and accommodating of our unique needs.”

— Aarti Kumar, Community Empowerment Lqβ™ Co-founder / Research and Analytics Lead

With limited access to healthcare, education and many other basic necessities, Uttar Pradesh in northern India loses approximately 240,000 newborns to death by preventable causes *every year*.

Community Empowerment Lqβ™ initiates lasting health improvements for mothers and children in this region through careful research and collaboration between scientists and community stakeholders. This data-driven and cooperative approach enables the lab and the communities they serve to devise practical policies, to educate local communities, to implement the best solutions and make modifications based on the results.

## Data-Driven Approach

In order to devise the best potential solutions, Community Empowerment Lqβ performs extensive research into the many risk factors that exist across Uttar Pradesh, and how those factors correlate to maternal and newborn illnesses and deaths there. This requires the gathering of extensive input from a community of over one million people and transforming that input into actionable data.

Up until 2009, the group had been collecting this input manually using paper forms, then added Intelligent Character Recognition (ICR) to translate manual data into machine-readable characters in 2009. Both processes were resource intensive and hampered by long turnaround times, inaccuracies, and high



### Description:

Community Empowerment Lqβ was created to help save and transform lives of mothers and children in northern India through research, outreach and transformative policy.

### Website:

[www.community.org.in](http://www.community.org.in)

storage costs. As the organization grew, the process became unsustainable.

## Why doForms?

Realizing that automated data collection was an absolute necessity; Community Empowerment Lqβ thoroughly researched the mobile forms industry in 2012.

Their requirements were complex. Because their field data collection workforce had limited smartphone or tablet experience, any potential solution had to be easy to use. To function in an area with poor Internet connectivity, the solution would also need to allow offline collection and back-office synchronization. And because they regularly conducted long-term follow up visits with mothers, referential lookup of past data was essential.

The lab found that doForms was one of only two mobile forms solutions that could meet these requirements, and the only one that could do so at a price point the organization could afford. Further, they found the doForms team to be helpful and willing to make customizations to meet their unique needs.

## The doForms Difference

doForms was able to quickly get Community Empowerment Lqβ creating, deploying, and using mobile forms in a way that's been transformative to their workflow.

Today, Community Empowerment Lqβ is using many advanced doForms features such as Dispatch, Sync & Save, lookup tables, GPS location tagging and validation checks to efficiently collect and parse large amounts of data to be used to affect positive change. The ease-of-use inherent in the doForms mobile forms interface has empowered roughly 200 young women with no prior technology experience in a rural area to confidently use tablets to do this meaningful work.

The benefits to the organization include improved accuracy and reliability of the data collected, as well as dramatically decreased turnaround time from data collection to analysis. This in turn accelerates the implementation of the solutions and policy changes that have already positively impacted thousands, and may well save and improve the lives of millions in the years to come.



**“It did not take very long to get up and running, in fact it was a nearly instant process as post-creating and testing, deployment was immediate. In fact, this was one of the strongest reasons why we went for doForms.”**

— Aarti Kumar,  
Co-founder / Research and  
Analytics Lead



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