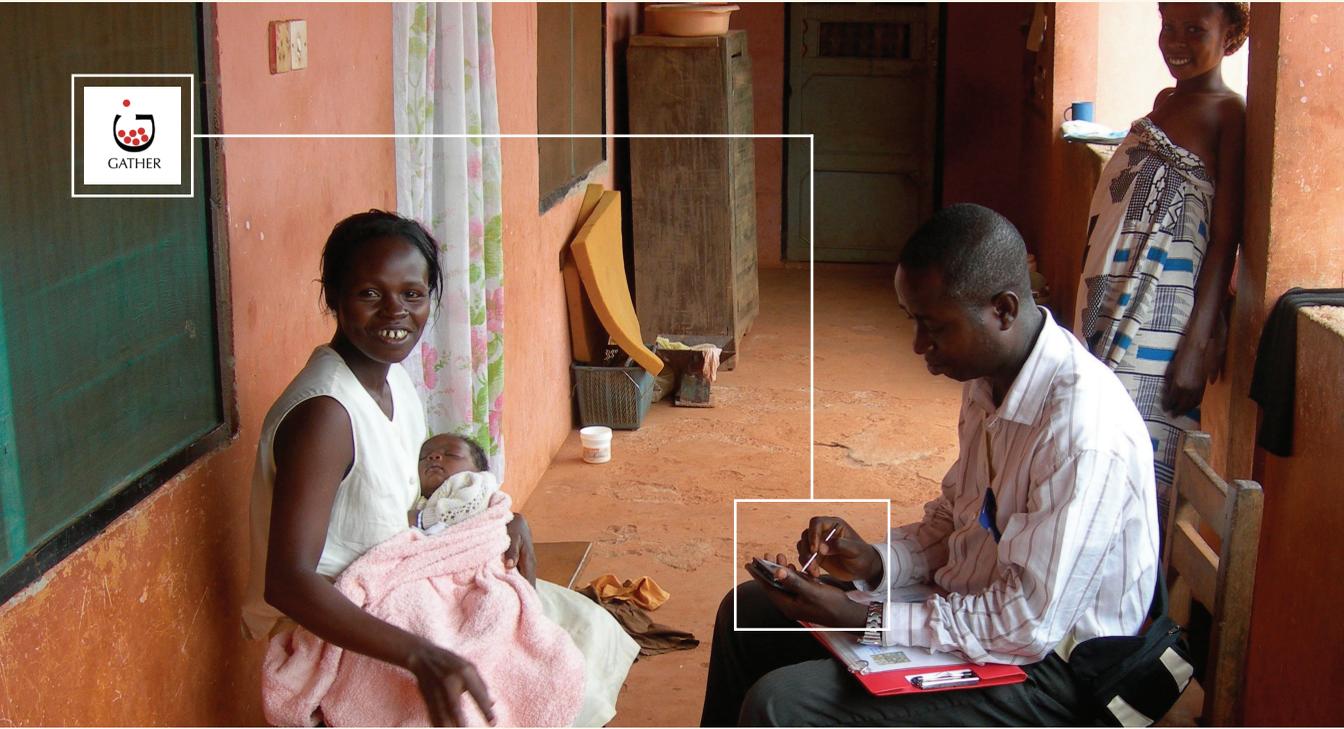


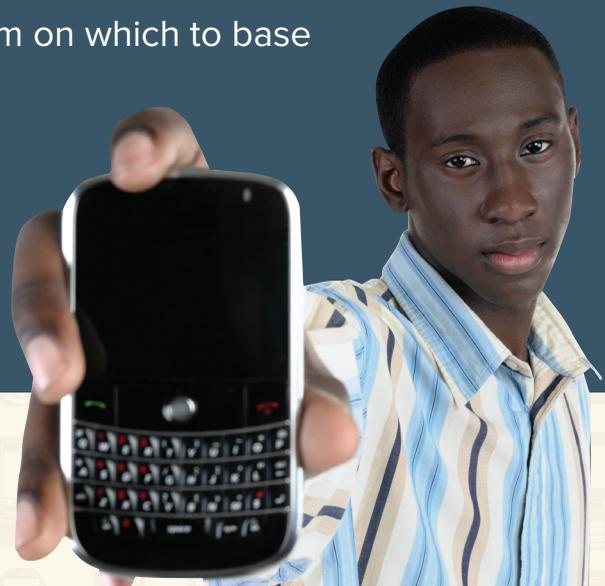
GATHER™







GATHER™ is a powerful tool that can contribute to **efficient and cost-effective data collection, reporting, and analysis in low-resource environments.** Designed to address the data collection and information challenges in all development areas, GATHER™ offers a dynamic platform on which to base your decision support and program evaluation activities. GATHER™ is flexible, adaptable, and inclusive.



What is GATHER™?

GATHER™ is a collection of applications all made to work together in one package on cell phones, PDAs, and other mobile computing devices, and includes:

- Forms development (surveys, questionnaires and routine data collection)
- Forms deployment to mobile devices
- Data collection on mobile devices using resident forms
- Transmitting data from mobile devices to central database
- Sorting of data for outliers, anomalies or triggers
- Data analysis
- Reporting
- Alerting to pre-configured clients based on individualized thresholds
- Transmission of data to legacy database(s) or data warehouse



GATHER™ USES OPENROSA
TO DISPLAY FORMS ON
JAVA CELL PHONES



What do you use GATHER™ for?

Mobile workers, field staff or remote centers use GATHER™ to collect information and to send that information to a central site.

Staff conducting door to door surveys use forms sent by GATHER™ to their handsets (mobile phones or PDAs) to conduct interviews. Once completed, the data from the interview is sent to the research center's main computer via the cellular, wifi or other network. Data is immediately loaded into the appropriate database. Supervisors are alerted on completion rates and the work product of any individual surveyor.

FOR EXAMPLE:

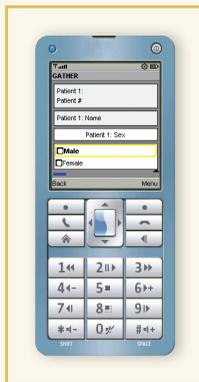
A **rural health clinic** reports the cases of new, reportable infectious diseases seen each week. Those reports are filed on paper forms that must be delivered and aggregated from the village level to the district and then on to the national health ministry where the data is entered into a central database. By the time the data is analyzed, it is several weeks old and outbreaks are potentially expanding. A health center using GATHER™ sends its data daily to the district health office and the ministry. The ministry receives all the data from all the reporting health centers into one central database and is able to instantly “sniff” the incoming data for anomalies either in the number of cases or types of illnesses report and to immediately notify public health officials saving time, and maybe lives.

The **education planning office** assigns new teachers to schools in a remote district based on information on the number and distribution of existing teachers by subject. When the assignment does not match the actual need, principals input their school's personnel data into mobile phones. Using GATHER™, the information is collected and compiled seamlessly, giving education planners an immediate snapshot of the personnel gaps and overlaps in the district. The district level data is also compiled and sent to provincial education planners. Severe teacher shortages are automatically reported to national officials in charge of teacher training. New assignments can ensure schools stay open.





UGANDA WEEKLY DISEASE
SURVEILLANCE FORMS ON GATHER™



I've heard of other projects for data collection on cell phones. How is GATHER™ different?

GATHER™ is currently the only platform providing all the tools required to gather and understand your data and to act on it in real time. An open-source development, GATHER™ is intended to reduce the cost barriers that make this kind of technology out of the reach of small organizations and developing country institutions.

As the community of users grows, so too will the number of applications (forms and reports) developed by projects that can be shared, avoiding the need to “re-invent the wheel” and helping organizations save time and money.

Doesn't everyone have access to the Internet? Why do we need GATHER™?

No, not everyone has access to the Internet everywhere they work. In poor and developing areas, there may be no access to the Internet in schools or health clinics. Half of the world's population now has access to cell phones, and cell phones are being used for more and more sophisticated applications. Mobile workers are far more likely to have access to cellular networks.

Using mobile applications means that you no longer need to wait to get back to the clinic or travel long distances to an area with a computer to get your files updated and your data reported. And studies have shown that electronic data collection and reporting reduces errors, improves the completeness and accuracy of the data collected, and reduces the time from data collection to reporting and action.



AED-SATELLIFE offers products and services to help you assess and address your organization's data collection, reporting, aggregation, and analysis needs.

AED-SATELLIFE can help you bring data and information use to a new level.

AED-SATELLIFE Products and Services

- Program measurement and evaluation
- Human resource planning and training
- Large scale technology implementations
- Design of cost-effective two-way communications systems to bring information to health workers in rural settings
- Technology specification development, sourcing, and procurement
- Technology solutions to accommodate urgent data needs
- Technology integration with legacy systems
- Technology deployment in low-resource and rural environments

AED-SATELLIFE can provide remote technology and support to ensure successful deployment and system maintenance.

- Provision of remote technical support
- Human resource capacity building and professional development
- End user training
- Development of onsite technical support capabilities

AED-SATELLIFE has over 20 years of experience introducing technology and managing change.

- Planning for change management
- Technology management capacity building and professional development
- Organizational development
- Cost planning to ensure successful implementation of sustainable technology solutions



Connecting People > Creating Change

FOR MORE INFORMATION:

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