



DMS International

Quality • Integrity • Responsiveness



Core Services

MANAGEMENT SERVICES

- ▶ Program & Mission Support
- ▶ Monitoring & Evaluation
- ▶ Asset Management

INFORMATION TECHNOLOGY

- ▶ Information Assurance/ Infrastructure Management
- ▶ Information Management
- ▶ Database Development & Administration

TRAINING SERVICES

- ▶ Management & Executive Leadership
- ▶ Anti-Terrorism/Force Protection
- ▶ Instructional Systems Design, Development & Delivery

About Us

- ▶ Established in 1994
- ▶ ISO 9001:2008 Registered Company
- ▶ Active Top Secret Facility Clearance
- ▶ Cleared Personnel
- ▶ Excellent Performance Record

Emerging Technologies Mobile-Based Electronic Health Records (EHR)

The Need

Recognizing that easily accessible, effective and efficient healthcare services for all of its citizens is an essential part of a country's sustainable development, newly emerging countries are seeking realistic and cost-effective methods to develop, provide and improve healthcare services to its populace. This will require the ability to deliver and manage healthcare services in underserved and unreachable rural areas as well as more populated cosmopolitan towns and cities, and be scalable as the country's infrastructure matures and grows, and its citizens become more mobile.

The Solution

DMS' research has substantiated that mature healthcare services for emerging markets are not only possible but achievable today, through existing technology. These technologies involve Information and Communication Technologies (ICT) and the use of cellular technology. An EHR-based data gathering platform is required that can be scaled to connect to any mobile-device or application at the point-of-care. Implementing a mobile-based, electronic, health-record data collection platform, would provide multiple solutions including: reducing the need for manual data reporting; provision of current, accurate and centrally-located patient historical medical data; allowing healthcare providers and patients the ability to access real-time data for diagnosis and treatment; providing current statistical data to, and allowing for surveillance of medical information by Health Departments; and providing the groundwork for the implementation of future innovations to the Healthcare network, including prepaid health plans.

The Benefit

Mobile healthcare presents an opportunity to provide accessible and affordable healthcare to the underserved and remote areas of developing countries. Clinics can gather patient medical information electronically that is immediately accessible by health providers, while avoiding the time and space needed to maintain paper records. Hand-held devices and applications are cost-effective and require little to no training for both the health provider, and the patient. The risk of valuable information loss with paper records is greatly reduced with the ability to backup electronic patient historical data. The ability to establish a country-wide healthcare network and enroll patients will benefit both the emerging countries, and citizens who will now have access to a single patient record that can be linked to clinics and hospitals throughout the country. For individuals, this technology will relate to better and swifter diagnoses, and better referrals, and the ability to obtain personalized healthcare services from anywhere within their countries borders.



For more information contact DMS today!

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