



# CTIS | A HEALTH INFORMATICS COMPANY

Proven Solutions. Improved Results.

## MOBILE APPLICATIONS

# mPHR

### MPHR

The mPHR application, developed by CTIS, is an interoperable Personal Health Record (PHR) software solution available for both the iPhone and Android OS platforms. This is specifically designed to support chronically ill patients by accurately documenting and communicating patient history to doctors and other health care providers. It is designed with the patient in mind, the mPHR application offers access to many new, unique, and user-friendly features including Photos, Calendar, Contacts, and Directions.

### KEY FEATURES

- Simple and easy to use PHR available in iPhone and Android
- Ease of medical management through integration with outlook, Google Health™ and MobileMe providing email, appointments, reminders and alert capabilities
- Wellness trackers to track and monitor health in specific disease areas
- Ability for physicians to view patients' entire health record
- Physician dashboard to view their patients health indicators and alerts

### BENEFITS

- By using mPHR, providers can readily access medical histories, lab test results, digitized diagnostic imagery and reference databases and overcome obstacles associated with globalization and adoption of PHRs in the healthcare domain.
- It digitally captures patient health information and allows real-time exchange between different web-based PHRs and health care providers.

- It eliminates the need for redundant patient data entries resulting in improved efficiency and quality of patient care with reduced cost and errors.
- It is designed to seamlessly integrate with commercial PHR repositories, such as Google Health™, Microsoft Health Vault, and Dossia and can interact with hospital and clinical research related repositories.

### MODULES

- Problems Module provides condition history
- Medications Module allows users to accurately capture, manage and track drug-related reactions
- Test Results Module summarizes each medical test administered with the seven most recent results displayed numerically and graphically.
- Immunizations Module includes dates, series tracking, administering physician, reactions, etc.
- Procedures Module logs all administered procedures and associated results.
- Allergies Module tracks known allergies, symptoms and triggers to allow accurate reporting
- Wellness Trackers allow you to track your wellness metrics so that you can achieve your personal health goals. These Trackers provide users the ability to track things such as blood pressure or caloric consumption on daily basis. By being able to track your blood sugar and your heart rate, you can thus maintain a diary of your progress towards meeting your health goals.



Test Results Module



Problems, Medications and Immunization Modules



Wellness Tracker Module



## SAFETY PROFILER

CITS has developed the Safety Profiler, mobile and wireless Adverse Event (AE) Management software to address the unique needs of clinical trials professionals by supporting the use of personal digital assistants, laptops, and other mobile, or wireless, devices to capture and code AE data at the point of care. With portability, mobility, and sustained information security as its primary advantages, the Safety Profiler provides electronic data capture, management, communication and reporting interchange, archival and mining capabilities.

### KEY FEATURES

- Captures AE data at the point-of-care
- Streamlined data transfer, presenting staff with only the patients and studies that they are authorized to administer
- Safety reporting tools that record patient history and staff activities
- Signature capture and a Safety Console administrative system that manages user privileges and other supporting data

### BENEFITS

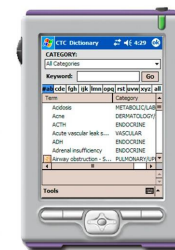
- Enhances documentation and eliminates rework
- Minimizes human errors by using automated checks and rules validation
- Reduces time and increases efficiency of work
- Interoperability
- Safety Profiler is compatible with a range of relevant data standards, including The Common Data Element model, HIPAA, 21 CFR Part 11, and ICH CDISC standards
- Improves data integrity, reduces fragmentation, improves connectivity, and supports mobilization and intervention during the management of AEs.

### 3RD PARTY CERTIFICATION

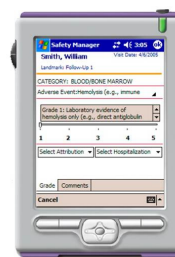
Safety Profiler Pocket CTC has met the Windows Mobile 5.0 and 6.0 Operating System requirements and earned Microsoft certification for Pocket PCs and Smartphones.



Pocket AE Recorder



Common Terminology Criteria for AE



Attribution Assignment

**ABOUT CTIS** CTIS has over 20 years of proven history in providing total informatics solutions to the health sector. CTIS provides innovative, appropriate, timely and quality information technology solutions to health systems, health professionals, research organizations and payors to support their goals in serving patients. To address this need, CTIS' informatics solutions converge health sciences, information technology, process reengineering, total quality management, and organizational effectiveness in order to optimize the capture, storage, and use of information in health and biomedical sciences.

CTIS is also building needed personal information solutions that serve patient directly in dealing with their healthcare providers. CTIS' leadership is at the forefront of national discussions that are defining the next generation of biomedical, clinical research, translational research, personalized medicine, comparative effectiveness research, performance driven healthcare, health disparities, elder care, and chronic disease management programs that will not only provide better patient care but also meet the cost management goals of the health industry.