



Implementing healthcare systems comes with inherent challenges set forth by state and federal regulations. There is significant change on the horizon and healthcare delivery system requirements continue to evolve. *TraceIT* is the answer for medical practice, hospital, and Medicaid systems providing visibility into all phases of implementation and ensuring traceability with comprehensive checklists for CMS certification.

- Complete system design and development lifecycle tracking
- Comprehensive CMS certification and MMIS tracking capability
- Enforce requirements and decrease delivery times
- Supports change management, defect tracking, testing and reporting

## CMS Certification

### Accurate, Reliable Traceability

*TraceIT* is the only integrated solution that provides tracking from initial requirement validation through final systems implementation, including linkage to all CMS Certification checklist criteria. Gaining CMS Certification is dependent upon systems and reporting that will accurately track and validate specific business processes and policy requirements. Critical to this mission is the ability to match all system and operational requirements to mandated checklists, ensuring reimbursements and qualifications for various state and federal programs.

- Complete CMS checklists are built-in to *TraceIT* that meet current guidelines for federal reimbursement, and can be applied across all system data components
- Simple, user-friendly linking process for system requirements to each CMS checklist item, as well as, all lower level design components
- Detail reports identify missing links, matched components and CMS matching status
- Traceability is automated from the matching process through testing and deployment

Simple management of state initiated checklist and all data components with the ability to change, update or inactivate existing CMS checklist items.

The CMS Certification capability is completely integrated into *TraceIT* so that systems administration and operations management can be confident of the integrity of all designed and implemented components, ensuring timely certification. The system is flexible and can adapt easily

as requirements and checklists items change. Efficiency gains and revenue assurance that come from automated CMS Certification is 100% traceable to all system components and data elements, ensuring worry-free operations.

### **Systems Integrity**

#### **Visibility of the Entire Development Lifecycle**

Implementation of systems in the healthcare industry is often complex and comes with requirements that move well beyond just the technical specifications. *TraceIT* was designed to trace all system and operational requirements through the system design and development lifecycle and provide visibility to the requirements through each phase of this process. Once the system is implemented, *TraceIT* can be utilized as a CMS certification tool that provides traceability from each CMS certification checklist item to each requirement that supports that checklist item.

*TraceIT* is an integrated support tool that helps to shorten the development lifecycle through the employment of standardized and organized development lifecycle processes, improve the project quality by enforcing data integrity and process consistency for each lifecycle phase, and assist with CMS Certification by linking all requirements to the CMS Certification Checklist items required for certification.

*TraceIT* saves time and mitigates the risk of costly overruns or requirement missteps. It integrates requirement, design, operational readiness, defect, and test tracking across the development lifecycle.

### **Requirements Tracking**

All client requirements are assigned attributes and loaded into a database. New requirements can be added and tracked at anytime during the development process through a simple online interface. Comprehensive reports track status at any point-in-time with built-in approval and change management processes. All requirements and related elements are completely searchable.

### **Design Tracking**

GSD & DSD design and development methodology is fully supported in *TraceIT*. Through a set of identifiable design objects, each are linked to all Requirements. Business Rules, Error messages,



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Screen/Report definitions, and data elements are also defined and linked with comprehensive reporting that trace the links between design objects and supported requirements with detailed statistics to allow for efficient project management through completion.

### **Test Tracking**

*TraceIT* supports all Test Cases, Test Scripts, and Test Results at the Unit Test, Systems Test, and UAT levels. Every test component is linked to ensure traceability to each design object and all related systems and subsystems, including integrated systems. Further, each test component is linked to a specific test release, a specific testable component, or a specific requirement. Over 50 testing reports are currently available in *TraceIT*.

### **Operational Readiness Tracking**

The operational readiness schedule is created online and linked to DSD objects by subsystem and schedule line item. Tracking is provided by job type (Batch, online, report, etc) and frequency (Daily, weekly, monthly, ad hoc, etc.). Several Ops readiness reports are currently available

### **Defect Tracking**

Defects are logged and tracked and linked to the appropriate design objects. A defects audit log provides complete visibility and an audit trail of each "state" of the defect, until the defect has been resolved, retested, and accepted by the customer. All defects are searchable by any associated element within the system.

### **Change Logs Affecting Project Scope**

*TraceIT* tracks all system related change logs and links these change logs to each design object or to specific requirements. Change logs are searchable by any related criteria that allows for easy identification of changes for project tracking and billing.