

# Principles of the Medicaid IT Architecture

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## Introduction

The Centers for Medicare & Medicaid Services (CMS) believe the numerous policy, business, and technological drivers over the past three decades have drastically reshaped the architecture of the Medicaid Management Information System (MMIS) that supported the Medicaid programs in the early years. The business and policy drivers developed to serve each state's unique Medicaid population have contributed to MMISs that drastically differ from state to state. CMS (in conjunction with states and other stakeholders) needs to create a new policy framework and technical specifications for the MMIS of the future. To that end, CMS has awarded a contract to the Computer Sciences Corporation (CSC). The project kickoff meeting between CSC and CMS took place on October 7, 2002. The project is titled the Medicaid Information Technology Architecture and referred to as "the MITA." Contract year- end is September 29, 2003.

*The architecture model shall reflect not only state-level operations and program interactions, but also the interactions between the Federal and state components of Medicaid.*

- Utilization of industry standards
- Increased use of off-the-shelf software
- Utilization of secure storage and transmission of data
- Exhibit a common "look and feel" to users
- Use of common set of Federal reporting requirements
- Independent use of specific software or hardware

## Goals of MITA

*The overall goal of the MITA project is to facilitate an improved process for design and implementation of systems that improve the quality and efficiency of health care delivery, which in turn will improve beneficiary and population outcomes.*

- Monitor and assess trends in Medicaid delivery of care, expenditures, and outcomes
- Guide prevention and intervention programs
- Inform Medicaid policies and policy makers
- Identify issues that would benefit from additional data collection and analysis
- Provide information for community and program planning
- Protect confidentiality while providing information to those who need to know

## MITA Deliverables

- MITA Framework – September 2002
- Architecture Graphic Blueprint - September 2002
- Interviews with CMS Group Directors - October 2002
- Interviews with 9 State Medicaid agencies
- State Interview Reports
- Draft Framework
- Analysis of Technical Specifications necessary to implement the Medicaid IT architectural model
- Graphical Representation of new Medicaid IT architectural model
- Outline of Written Manual/Guide describing IT architecture model
- Presentation for the 2003 National Medicaid MMIS/HIPAA Conference

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