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# FRONT MATTER

## FM 3 – MITA AT-A-GLANCE

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## Introduction

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The Medicaid IT Architecture (MITA) At-A-Glance is a reference to identify the key changes from the previous version of the MITA Framework.

## Purpose

The MITA At-A-Glance is to provide stakeholders with a brief presentation of the parts, chapters, and appendices of the MITA Framework 3.0 and an overview of the new and revised material since 2.0 and 2.01.

## Scope

MITA At-A-Glance incorporates key elements of the MITA Framework Front Matter (FM), Business Architecture (BA), Information Architecture (IA), Technical Architecture (TA), and State Self-Assessment (SS-A); as well as changes from MITA Framework 2.0 and 2.01 to 3.0.

## Background

Over the past few years, several legislative initiatives and Centers for Medicare & Medicaid Services (CMS) directives have changed the landscape of the Medicaid Enterprise. The MITA Framework incorporates updates and new guidance from the following:

- ❖ Health Insurance Portability & Accountability Act (HIPAA) of 1996
- ❖ International Classification of Diseases (ICD-10)
- ❖ Children's Health Insurance Program Reauthorization Act (CHIPRA) of 2009
- ❖ American Recovery and Reinvestment Act (ARRA) of 2009
- ❖ Health Information Technology for Economic and Clinical Health Act (HITECH) of 2009
- ❖ Plain Writing Act of 2010
- ❖ Patient Protection and Affordable Care Act of 2010
- ❖ President's Council of Advisors on Science and Technology (PCAST) Report on Health IT
- ❖ Medicaid Program; Federal Funding for Medicaid Eligibility Determination and Enrollment Activities
- ❖ Enhanced Funding Requirements: Seven Conditions and Standards (a.k.a. Seven Standards and Conditions)
- ❖ Guidance for Exchange and Medicaid Information Technology (IT) Systems (a.k.a. IT Guidance)

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## Front Matter

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This section provides content that precedes the main body of the MITA Framework including a table of contents, an abstract, a summary of changes, a dictionary, an overview, and an introduction.

### Front Matter 2 Abstract

The Abstract is a very brief document about the MITA Initiative and the MITA Framework to use as an announcement.

#### **KEY CHANGES**

- ❖ This chapter contains updates to reflect new content and modifications to the MITA Framework.

### Front Matter 3 MITA At-A-Glance

This chapter provides a reference for the key changes for the MITA Framework.

#### **KEY CHANGES**

- ❖ MITA At-A-Glance is a new chapter.

### Front Matter 4 Acronyms and Terms

This chapter provides acronyms and terms used within the Framework.

#### **KEY CHANGES**

- ❖ This chapter contains updates to reflect new content and modifications to the MITA Framework.

### Front Matter 5 Overview of MITA Initiative

This chapter provides an overview of the MITA Initiative designed by CMS.

#### **KEY CHANGES**

- ❖ The chapter provides expansion of the federal initiatives, programs, and legislation that influence the MITA Framework.
- ❖ Provides expansion of the key technical architecture features including business rules engines, cloud computing, enterprise architecture, and performance monitoring.

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## **Front Matter 6 Introduction to the MITA Framework**

This chapter introduces the MITA Framework including BA, IA, TA, and SS-A components.

### ***KEY CHANGES***

- ❖ The components accommodate recent legislated mandates and final rules.

## **Front Matter Appendix A Quick Reference Guide**

This appendix provides a quick reference guide to locate topics of interest in the MITA Framework.

### ***KEY CHANGES***

- ❖ The Quick Reference Guide is a new appendix.

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## **Part I Business Architecture**

This section summarizes the components of the BA. The BA provides the framework for improvements in the Medicaid Program operations that result in better outcomes for all stakeholders. The BA contains common Medicaid business processes and describes how these processes can improve over time. States use the BA to assess their current business capabilities and determine future targets for improvement.

### **Chapter 1 Business Architecture Introduction**

This chapter introduces BA as the starting point of the MITA Framework. The BA describes the common needs and goals of individual State Medicaid Enterprises and presents a collective vision of the future Medicaid Enterprise.

The purpose of the BA is to:

- ❖ Establish a generic business framework for all States while recognizing their differences.
- ❖ Describe how each state Medicaid Program can mature over a given period with the help of stakeholders, leadership, enabling legislation, and technology.
- ❖ Provide a baseline against which States can assess their current state of business capabilities and measure progress toward improved capabilities.

### ***KEY CHANGES***

- ❖ The Concept of Operations for the State Medicaid Enterprise accommodates the recent legislated mandates and final rules..
- ❖ The Maturity Model accommodates enhanced funding requirements as well as modifications to policy, procedures, and business rules contained in recent federal mandates.
- ❖ There are ten (10) business areas, and eighty (80) business processes.

- ❖ The Business Capability Matrix includes definitions for the six (6) business capabilities of the five (5) levels of maturity and includes relevant performance measures..
- ❖ The MITA Framework 3.0 contains a separate part for the SS-A, which provides scorecards for the Seven Standards and Conditions, as well as all three (3) MITA Architectures.

## **Chapter 2 Concept of Operations**

The Concept of Operations (COO) provides a framework for describing the As-Is operations and the To-Be environment of the Medicaid Enterprise.

### **KEY CHANGES**

- ❖ The MITA COO includes recent legislative initiatives and CMS directives that affect the Medicaid Enterprise..
- ❖ The chapter provides a new section on how to use a Concept of Operations.

## **Chapter 3 Maturity Model**

This chapter explains the MITA maturity model and its role in the MITA Framework. The MITA team, CMS, States, and vendors use the maturity model to align to and advance increasingly in MITA maturity for business, architecture, and data. The MITA Maturity Model (MMM) establishes boundaries and measures that determine whether a capability is defined correctly and sufficiently.

### **KEY CHANGES**

- ❖ The MMM definitions provide enhanced clarity for Level 4 and 5 maturities.
- ❖ The timeframe for the MMM is in alignment with required initiative deadlines.
- ❖ The MMM is expanded beyond the business capabilities and includes definitions for the Seven Standards and Conditions..

## **Chapter 4 Business Process Model**

This chapter focuses on communicating the structure of and rationale for the MITA Business Process Model (BPM) and the role of the BPM in the MITA Framework.

### **KEY CHANGES**

- ❖ The MITA Framework 3.0 includes ten (10) business areas and eighty (80) business processes.

## **Chapter 5 Business Capability Matrix**

The Business Capability Matrix (BCM) describes the boundaries and behavior of each MITA business process in the context of the five (5) levels of the MMM as described in Part I, Chapter 3, Maturity Model.

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## **KEY CHANGES**

- ❖ The BCM applies to all eighty (80) business processes in the MITA Framework 3.0. The six (6) business capabilities definitions include details for Level 1 through 5 maturities as stated by the legislative initiatives and federal regulations.
- ❖ The chapter provides guidelines for Performance Monitoring.

## **Appendix A Concept of Operations Details**

This appendix provides details for the Medicaid Enterprise Concept of Operations including goals, objectives, As-Is operations descriptions, To-Be descriptions, drivers, enablers, and To-Be business scenarios.

## **KEY CHANGES**

- ❖ The MITA COO includes recent legislative initiatives and CMS directives that affect the Medicaid Enterprise.

## **Appendix B Maturity Model Details**

This chapter provides details for the MITA Maturity Model including the definition of all five (5) levels of maturity for the Medicaid Enterprise.

## **KEY CHANGES**

- ❖ The MITA Maturity Model includes recent legislative initiatives and CMS directives that affect the Medicaid Enterprise.
- ❖ The chapter provides overview for business qualities, information capabilities, and technical capabilities.
- ❖ The chapter provides the Maturity Model for the Seven Standards and Conditions.

## **Appendix C Business Process Model Details**

This appendix provides details for the MITA Business Process Model including business process templates identifying Level 3 maturity descriptions, triggers, results, business steps, shared data, predecessors, and successors.

## **KEY CHANGES**

- ❖ MITA Framework 3.0 includes ten (10) business areas and eighty (80) business processes.
- ❖ The appendix provides additional triggers, results, business steps, and shared data for alignment with recent legislated mandates and final rules.

## **Appendix D Business Capability Matrix Details**

This appendix provides the details for the MITA Business Process Matrix including business capability matrices identifying business capabilities for five (5) levels of MITA maturity.

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## KEY CHANGES

- ❖ The MITA Framework 3.0 includes ten (10) business areas and eighty (80) business processes.
- ❖ The six (6) business capabilities include details for Level 1 through 5 maturities as stated by the legislative initiatives and federal regulations.

## Appendix E Crosswalk Details

This appendix provides a mapping from the MITA 2.01 business model to the MITA 3.0 business model. The appendix includes a MITA Framework Process Catalog and a single page MITA Business Process Model.

## KEY CHANGES

- ❖ The Crosswalk Details is a new appendix.

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## Part II Information Architecture

This section summarizes the components of the IA and links them to the other architectural elements of MITA. The IA describes the information necessary to support the business capabilities and technical services.

## Chapter 1 Information Architecture Introduction

The IA identifies the major types of information to support the business functions. It identifies and defines the logical information models, metadata repositories, and their relationships to the business functions to both the business and technical services.

## KEY CHANGES

- ❖ The Introduction includes a Summary of Components that explains the components of the Information Architecture.
- ❖ The Conceptual Data Model (CDM) identifies subject areas and groupings of data important to the business and defines their general relationships.
- ❖ The Logical Data Model (LDM) contains details (entities, attributes, and relationships) derived from the CDM.
- ❖ The new Information Capability Matrix (ICM) contains definitions for information capabilities.

## Chapter 2 Data Management Strategy

The MITA Data Management Strategy (DMS) provides seamless interoperability across the Medicaid Enterprise. The DMS coordinates this effort for the State Medicaid Enterprise, with the goal of getting the right data to the right people at the right time. As a state evolves and aligns its technology with MITA, the state shifts from traditional information silo methodologies to an enterprise approach.

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## **KEY CHANGES**

- ❖ This chapter has no major changes.

## **Chapter 3 Conceptual Data Model**

A Conceptual Data Model (CDM) is a blueprint or conceptual plan for building information systems. Medicaid system architects and designers use the CDM to develop plug-and-play and interoperable Medicaid information services.

## **KEY CHANGES**

- ❖ The CDM includes superclasses of class groupings and messages.

## **Chapter 4 Logical Data Model**

A Logical Data Model (LDM) provides guidance and specifics to IT staff (e.g., States or vendors) on how to design MITA Enterprise service interfaces. Medicaid system architects and designers use the MITA data models as a framework to develop plug-and-play and interoperable Medicaid information services.

## **KEY CHANGES**

The LDM components include:

- ❖ The addition of Class Properties to LDM components.
- ❖ Modifications to the LDM development steps.

## **Chapter 5 Data Standards**

Chapter 5 provides a discussion of what data standards are, the benefits of using them, the scope and development of data standards, business scenarios, model-based standards, standards maintenance organizations, and how to use data standards. The lack of national standards for shared data is one of the most important issues currently facing Medicaid system and subsystem interoperability. The MITA Framework does not define or develop the national standards.

## **KEY CHANGES**

- ❖ Data Standards include harmonization with other standards, initiatives, and agencies.

## **Chapter 6 Information Capability Matrix**

The Information Capability Matrix (ICM) defines the information capabilities identified in the business process to enable technical capabilities. The ICM includes four (4) primary components; Data Management Strategy, Conceptual Data Model, Logical Data Model, and Data Standards.

## **KEY CHANGES**

- ❖ The Information Capability Matrix is a new chapter.

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## Part III Technical Architecture

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This section summarizes the components of the TA. The MITA TA provides the framework for improvements in the Medicaid Program operations that result in better outcomes for all stakeholders. The TA addresses the infrastructure for improving the Medicaid Enterprise over time. The MITA team has condensed the ten (10) chapters from MITA 2.0 into seven (7) chapters of the MITA Framework 3.0.

### Chapter 1 Introduction to Technical Architecture

The TA describes the structure and behavior of the Medicaid Enterprise, its infrastructure applications and services, and the protocols and networks connecting applications. It addresses performance and resilience issues, along with hardware configurations. The TA provides guidance to the State Medicaid Agency (SMA) to move from dispersed data in information silos, to interoperable systems and shared data services. The State Medicaid Enterprise is person-centric maximizing all available resources to provide a seamless consumer interface.

#### **KEY CHANGES**

- ❖ The TA provides States enhanced detail and guidance on how the federal initiatives and other similar legislation change the Medicaid Enterprise.

### Chapter 2 Technical Management Strategy

Chapter 2 provides an overview of the Technical Management Strategy (TMS) and addresses the application design and technology opportunities currently available for the Medicaid Enterprise.

#### **KEY CHANGES**

- ❖ This chapter includes Cloud Computing concepts, such as Software as a Service (SaaS) and private versus public clouds.

### Chapter 3 Business Services

The TA includes two (2) categories of services: Business Services and Technical Services. Business Services provide business functionality derived from the Medicaid Business Process Model (BPM), and the Business Capability Matrix (BCM). Technical Services provide underlying technical functionality (e.g., forms management, security, etc.).

#### **KEY CHANGES**

- ❖ This chapter has no major changes.

### Chapter 4 Technical Services

This chapter provides a discussion of the MITA Technical Services. Technical Services provide the framework for an IT staff (e.g., States or vendors) to develop a MITA Technical Capability Matrix (TCM).

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## KEY CHANGES

- ❖ The chapter defines Technical Service Area (TSA) groupings and subgrouping of Service Classifications.

## Chapter 5 Application Architecture

This chapter defines the relationship among the various services and provides an infrastructure that allows execution. This infrastructure includes mechanisms to orchestrate the processing and workflow.

## KEY CHANGES

- ❖ This chapter has no major changes.

## Chapter 6 Technology Standards

This chapter presents the technology standards relevant to target technologies that support the goals of the Medicaid Enterprise.

## KEY CHANGES

- ❖ This chapter contains a listing of the current technology references defining the various components of the technical architecture.
- ❖ The standards align with the modularity standard and interoperability condition of the Seven Standards and Conditions.

## Chapter 7 Technical Capability Matrix

The TCM shows each technical function as it transforms over time due to changes in business requirements or technology.

## KEY CHANGES

- ❖ The revisions provide States with a mechanism to determine maturity levels based on Technical Service Areas. The TCM contains three (3) Technical Service Areas with Technical Service Classifications.
- ❖ This chapter provides guidelines for Performance Monitoring across the State Medicaid Enterprise.

## State Self-Assessment Companion Guide

The SS-A Companion Guide includes information relevant to conducting the SS-A. The guide describes the activity for evaluation of BA, IA, and TA maturity. It contains tools to assist the state with producing the necessary documentation to create the SS-A as well as the documentation necessary to accompany the Advance Planning Document (APD) including the MITA Maturity Model Roadmap (MITA Roadmap).

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## ***KEY CHANGES***

- ❖ The SS-A Companion Guide is new and includes guidelines and tools such as checklists, scorecards, profiles, and templates.

## **Appendix A Seven Standards and Conditions**

This appendix provides details for the Seven Standards and Conditions alignment with the five (5) levels of the MITA Maturity Model to define capabilities.

## ***KEY CHANGES***

- ❖ The Seven Standards and Conditions is a new appendix.