



Model Driven Medicaid Enterprise Certification Lifecycle

TRANSFORMATION STARTS HERE

IN THIS ISSUE

Models Help States Achieve MMIS Certification

Coping with the complexity of Medicaid and the State Medicaid Agency is about building the capacity, in yourself, your people, and the organization to know details accurately, plan change quickly, adapt programs continuously, in order to keep pace with the rapidly changing regulations, healthcare demands and technology advances. Using a Model-Driven approach is a far more effective way to accomplish this.

Traditional Content-Based Approaches

Things have changed drastically since the Federal Medicaid Program was established in 1965. Medicaid is far more complex and the pace of regulation and marketplace change is difficult to keep up with. Unfortunately, many states are stuck with the same Content-Based approaches they used when the program was initiated. While technology to support these approaches has indeed made advances, the underlying collaboration environment practices, information management, inquiry and presentation have not. Content-driven collaboration and versioning is ad-hoc, prone to aging and maintainability challenges. It is difficult to collaborate on complex notions using mostly text, ad-hoc drawings and diagrams with

loosely coupled context, repeated in multiple documents. This means completeness, quality, and accuracy can only be measured through ad-hoc manual inspection, and it is difficult to do assessment and analytics. That is why a Model-Based approach to the Medicaid Enterprise Certification Lifecycle will help CMS and the State Medicaid Agencies think and collaborate better.

Model-Driven Improvement for Health and Human Services™

Beginning with strategy and ending with operations and certification, a model-driven approach to the entire improvement lifecycle, can yield “living”, portable models with traceable source content and supporting artifacts. When the model captures, maintains, and shares knowledge, it informs multiple viewpoints and perspectives across domains, initiatives, stakeholders and roles. Rigor and precision of consistent specifications can be analyzed and interrogated, e.g “As the Model” and “Show Me”. This means early detection of deficiencies, gaps, risks, and quality issues – clearly a benefit for any State applying to CMS for Certification of a module.



Assessment and Improvement

When a State completes its Self-Assessment using a model-based approach, the information can be analyzed more deeply and used to identify gaps to the desired maturity level. Moving from Initiation and Planning through Requirements Design & Development is precise, and blueprints and impacts are quantifiable, interrogable, and adaptable to multiple different environments and scenarios such as build vs. buy.



Certification

MMIS Certification Final Reviews are more likely to result in a positive Certification Decision when Requirements and Artifacts are easily traceable in a Model-Driven Approach.

Core Competencies for Implementing Model-Based Approaches

Applying Model and Knowledge Based Engineering to coordinate and accelerate improvement initiatives is proving to be the only palatable path to achieve predictable, quantifiable improvement in ecosystems as complex as health and human services.

Our combined experience leading complex HHS modernization efforts in many states informs us that these projects require the expertise of highly qualified vendors like us, with experience in executing transformation projects from inception and planning through implementation and knowledge transfer. You can count on Elyon Enterprise Strategies to provide unmatched expertise in these six core competencies:

- γ Leading public-sector clients through the steps required to achieve mature business practices related to their people, programs, process, budget, finance, and systems.
- γ Providing public sector clients with strategic advisory support and

An improvement initiative is model-driven when capabilities and methods that focus on domain models and blueprints are used as the primary means of information exchange across the vast array of stakeholders and perspectives, rather than traditional content and document-based information exchange.

assistance with all stages of the transformational efforts;

- γ Advising clients on best practice modernization approaches from other state agencies, as well as private sector clients;
- γ Developing clear actionable strategies to address change in the areas of organizational planning, program evaluation, business process re-engineering, communication,

workforce transition, information technology, financial administration, and training;

- γ Creating and implementing frameworks, tools and approaches to facilitate the review, prioritization and selection of transformation projects/activities; and
- γ Discovering and documenting existing business capabilities, providing program outcome improvement recommendations, and developing revised or new capabilities to be incorporated into modern, integrated solutions.

ELYON AND HSRTI

Elyon Enterprise Strategies and the Human Services Research and Technology Institute have partnered to:

“Promote innovations in Health and Human service through collaborations of Research and Technology”

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Approach to Transformation Lifecycle Service Delivery



Elyon brings a high-performance team with an architecture, engineering, and modeling mentality to large health and human services transformation projects.

Our capabilities and methods are designed to deliver enhanced collaboration and domain specific frameworks that are critical to overall program success and goals.

Pragmatic – Ensure that the project consists of activities and methods that clearly align to project goals and values, and that our client is capable of employing.

Agile – Organize work activities in an adaptable structure to respond as the landscape and organization changes through the lifecycle of the project.

Resource optimized – Ensure that the project will only utilize resources that the organization is capable of allocating. Furthermore, the project activities will leverage available information and artifacts (i.e., our team will avoid asking organization resources for information that already exists in an artifact or has been collected through other efforts).

Model-driven – The project approach will use and extend the enterprise transformation model, including applicable blueprints, so that enterprise information and outputs can be consistently applied throughout the project lifecycle and beyond.

Collaborative – The project will coordinate activities across departments, stakeholders, roles, and perspectives as applicable.

Measurable – The project will identify value produced by the project that the organization can quantify.