

# MARYLAND DEPARTMENT OF HEALTH (MDH)

## MMIS Modular Transformation Project

GovConNet Pathway to Growth Procurement Conference  
Montgomery County Chamber of Commerce

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# Welcome & Introductions

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## Presenters:

### John Bohns

Director, Procurement Contracts Budget  
MDH, Office of Enterprise Technology (OET)

### Dennis Schrader

Chief Operating Officer and Medicaid Director  
Maryland Deptment of Health

### Herb Jordan

Enterprise Chief Information Officer  
MDH, Office of Enterprise Technology (OET)

### Dana Dembrow

Director of Procurement  
MDH, Office of Procurement and Support Services (OPASS)



# **MDH MMIS Modular Transformation (MMT) Project**

**Health & Human Services IT Project**

**\$500 - \$800 Million**

**Five – Ten Year Project**

**RFPs – CATS+ / eMMP – Multiple Awards**

**MBE Opportunities**

*MMIS Modular Transformation (MMT) Project*

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**Overview: MDH, Medicaid,  
MMIS**

# MDH Vision & Mission ---

- The vision of MDH is lifelong health and wellness for all Marylanders.
- We work together to promote and improve the health and safety of all Marylanders through disease prevention, access to care, quality management, and community engagement.

# What is MDH?

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MDH has four major Administrations:

- Public Health Services
- Behavioral Health
- Developmental Disabilities
- Medicaid/Operations.

In addition, the department has 20 boards that license and regulate health care professionals; and various commissions that issue grants, and research and make recommendations on issues that affect Maryland's health care delivery system. MDH has a budget of more than \$13 billion to provide needed services to Maryland communities.

MDH Website: <https://health.maryland.gov/pages/about.aspx>

# MDH - Medicaid

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- \$12 - Billion dollar a year program
  - 25% of Maryland's Total Budget Expenditures
  - Medicaid Reimbursements – 80% of MDH Budget
- Covers over 1.3 Million Maryland Citizens
- Over 75,000 Participating Providers (Physicians, Pharmacies, Hospitals, Behavioral Health, Nursing Homes, Dentists, Surgeons, etc.)
- Over 100 million Medicaid Claims and MCO Encounter transactions processed annually.
- Maryland Medicaid website:

<https://mmcp.health.maryland.gov/Pages/home.aspx>

# What is the MMIS? ---

- The Medicaid Management Information System (MMIS) is the core system supporting all Medicaid operations including claims processing, member/provider management, and reporting.
- Traditionally, State's MMIS has been one large-scale monolithic system. Recent federal regulation requires states to design new MMIS systems in a modular fashion.



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**Overview: CMS, MITA,  
MMT Project Procurements**

# What is CMS?

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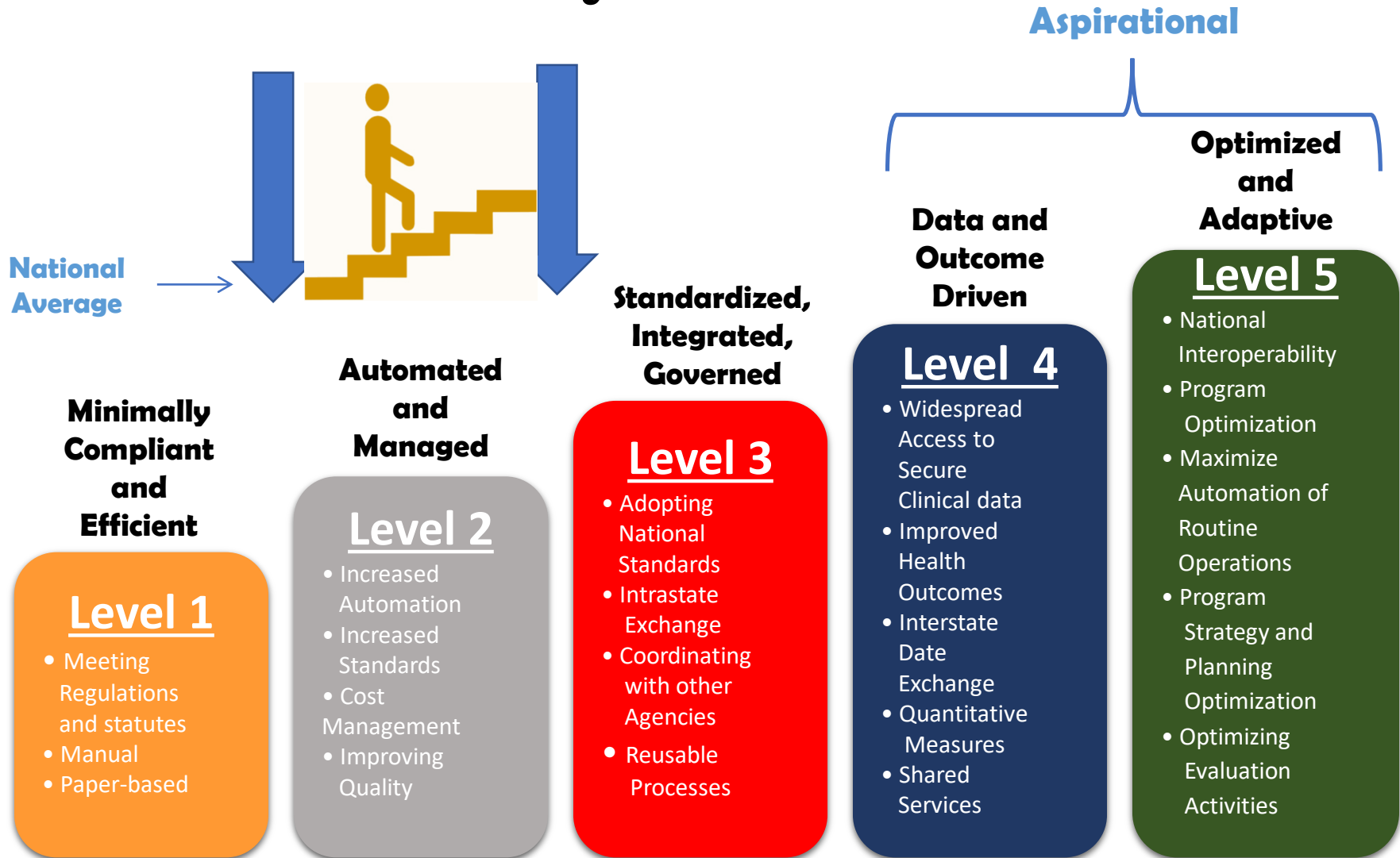
- Center for Medicare & Medicaid Services (CMS) is our Federal partner providing oversight and funding
- CMS Funding:
  - 90% for planning, design, development and installation
  - 75% for maintenance and operations
  - 50% for training/licenses/staff
- Major Initiatives:
  - Medicaid Information Technology Architecture State Self-Assessment version 3.0 (MITA SS-A 3.0)
  - Medicaid Management Information System (MMIS) Modularity
  - Maryland's Total Human-services Information NetworK (MD THINK)

# What is MITA?

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- MITA – Medicaid IT Architecture – is a CMS initiative that fosters an integrated business and information technology (IT) transformation across the Medicaid enterprise in an effort to improve the administration and operation of the Medicaid program. (see link)
- Version 3.0 updates version 2.0 published in 2006 and takes into account the availability of new technologies, such as cloud computing, and new legislative requirements
- Helps states in the preparation of the (required) State Self Assessment and Advanced Planning Documents which are used by states to obtain federal financial participation for the costs of IT systems.
- Provides a structured assessment of “as is” capabilities and “to be” targets to plan for replacement of the MMIS.

# MITA Maturity Levels



# MITA for Maryland

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- Two Key Objectives
  - Customer service
  - Program integrity
- Sense of Scale
  - Transaction Volume. Medicaid will process \$110B in claims over the next 10 years
  - **System Investment. Medicaid is expecting to invest \$500M+ over next 10 years to execute the projects and roadmap for the MMIS Modular Transformation (MMT) Project**

# MMIS Current vs. Future State

## MMIS Current State

### Monolithic

- Limited interoperability and data sharing

### Siloed Architecture at Project Level

- Details not shared among the projects
- Non-standard implementation
- Not discoverable

### Limits MITA Maturity Gains

- Ad-hoc business processes
- Lack of enterprise level change management
- Informal data governance

## MMIS Future State

### Modular

- Greater interoperability and data sharing

### Enterprise Architecture at Project Level

- Transparency across projects
- Formal nomenclature standards
- Discoverable for the Enterprise

### Focused MITA Maturity Gains

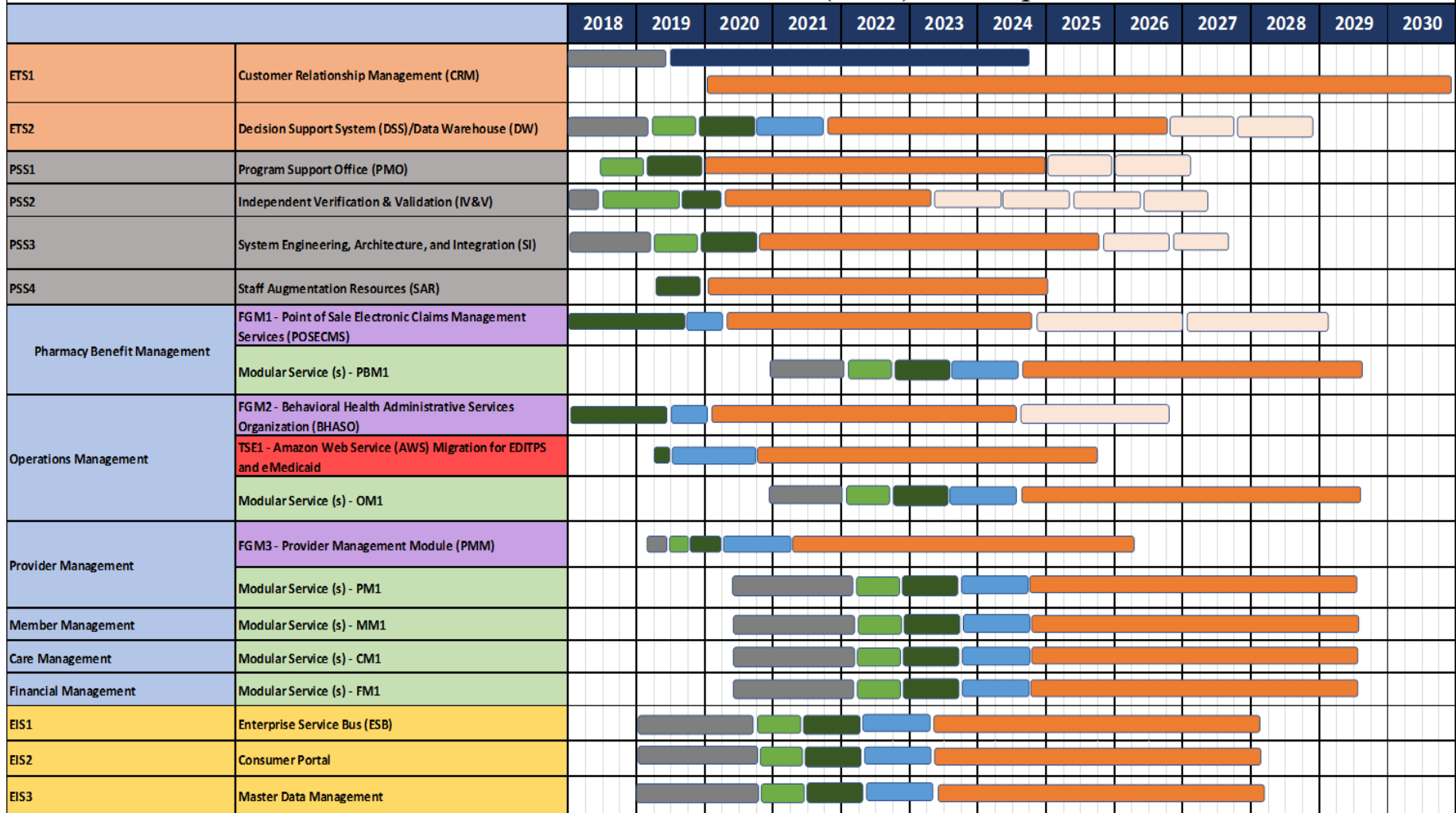
- Strategic business process development
- Change management process standards
- Formal enterprise data governance

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# MMT Project - Roadmap & Procurements

## MMIS Modular Transformation (MMT) Roadmap



Key									
	Enterprise Technical Solutions	●	Pre-Procurement	●	DDI	●	Base Operations	●	In Planning
	Program Support Services	●	Procurement	●	Agile DDI	●	Option Years		
	Enterprise Integrations Solutions								
	First Generation Modules								
	Business Areas								
	Transitional System Enhancement								
	Modular Services								



# MMT Procurements

Project	MMT Roadmap Initiative	Procurement Status
Point-of-Sale Electronic Claims Management Systems (POSECMS)	FGM1	- Evaluating proposals - Award Nov 2019
Behavior Health Administrative Service Organization (BHASO)	FGM2	- Evaluating proposals - Award Jul 2019
Independent V&V (IV&V)	PSS2	- TORFP Publish Jul-Aug 2019 - Est. award - Jan 2020
Program Management Office (PMO)	PSS1	- TORFP Publish Jul-Aug 2019 - Est. award - Jan 2020
Systems Integration (SI)	PSS3	- Gathering requirements - Publish Jan 2020
Data Warehouse/Decision Support (DW/DSS)	ETS2	- Gathering requirements - Publish Jan 2020
Customer Relationship Management (CRM)	ETS1	- Developing IDIQ TORFP (DoIT) - Publish Jul-Aug 2019 (est.)

## Other Planned MMT Procurements ---

- Operations Management:
  - Modular Services OM1 -Core MMIS / EDITPS – *tbd – est. 2023*
- Provider Management:
  - FGM3 Provider Management Module – NASPO Montana Provider Management Services – Award by Apr 2020
- Member Management – PM1 – *tbd - est. 2023*
- Care Management– CM1 -*tbd est. 2023*
- Financial Management – FM1 - *tbd - est. 2023*
- Enterprise Technical Solutions – EIS1/EIS2/EIS3 - *tbd - est. 2021*

*MCCC GovConNet*

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# MDH Other Procurements

# EHR Overview

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- An EHR is a collection of patient clinical information stored in an electronic format that can be shared across health systems and provides users with functions to enter and use patient information:
  - Order entry, including Computerized Physician Order Entry (CPOE)
  - Results viewing
  - Pharmacy dispensing and medication administration
  - Clinical documentation (assessments, progress notes, etc.)
  - Problem lists, allergy lists, medication lists
  - Clinical decision support (e.g., expert rules and alerts)
  - Patient information exchange (with other organizations)
  - Reporting on clinical quality, performance metrics, analytics, business intelligence (e.g., dashboards)

## **Procurement Status:**

- RFP to be published Jul 2019

# IDIQ Project

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- MDH putting together an RFP for subject matter expertise across the IT perspective.
  - Cloud Computing
  - Cyber Security (Strategy, Monitoring, Testing)
  - Disaster Recovery
  - VOIP Installation
  - Business Analysts across spectrum of needs (Case Management)
  - Enterprise Architecture

## Procurement Status:

- RFP development – publish date *tbd* est. 20121

# MDH Contacts & Important Links

For more information send questions to:

[MDH.MMTProcurement@maryland.gov](mailto:MDH.MMTProcurement@maryland.gov)

**MITA (Medical Information Technology Architecture) CMS Information**

<https://www.medicaid.gov/medicaid/data-and-systems/mita/index.html>

**MECL (Medicaid Enterprise Certification Life Cycle)**

<https://www.medicaid.gov/medicaid/data-and-systems/mect/index.html>

**MDH Procurement Opportunities:**

eMarylandMarketPlace (eMM):

<https://emaryland.buyspeed.com/bsol/login.jsp>

<https://health.maryland.gov/procumnt/Pages/Procopps.aspx>

CATS+ (Functional Area #10):

<https://doit.maryland.gov/contracts/Pages/CATSPlusTORFPSStatus.aspx>

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**Overview: MDH  
Procurement Office**

# MDH – Office of Procurement and Support Services (OPASS)

## Dana Dembrow – Director of Procurement

- Role of OPASS
- Socio-economic Objective of State Procurement
- Where to find MDH procurement opportunities:  
<http://procurement.maryland.gov/>
- MDH/OPASS website:  
<https://health.maryland.gov/opass/Pages/Home.aspx>
- MDH Procurement Contacts:
- MMT Project Questions: [mdh.MMTProcurement@maryland.gov](mailto:mdh.MMTProcurement@maryland.gov)  
OPASS Contact: Naisadh [Nick] Desai (410) 767-5794