



# Health and Human Services IT Initiatives

## Board of Supervisors Information Technology Committee Meeting

Wanda Gibson, Chief Technology Officer  
Patricia Harrison, Deputy County Executive  
Jess Werder, HHS Director of Business Integration  
Debra Dunbar, IT Program Director

October 17, 2017

# Discussion Topics

1. Overview, Context and Vision for IT Initiatives
2. Health and Human Services (HHS) Integrative Model
3. HHS Information Technology Roadmap
4. Health Care Service Information System (HCSIS)
5. Challenges and Opportunities
6. Partnerships and Collaborations

# Health and Human Services Integrative Model

## Defined by:

- Seamless coordination of services
- Shared accountability for outcomes
- Addressing root cause of need

## Key Benefits:

- Improved client experience
- Data-informed decision making
- Better outcomes

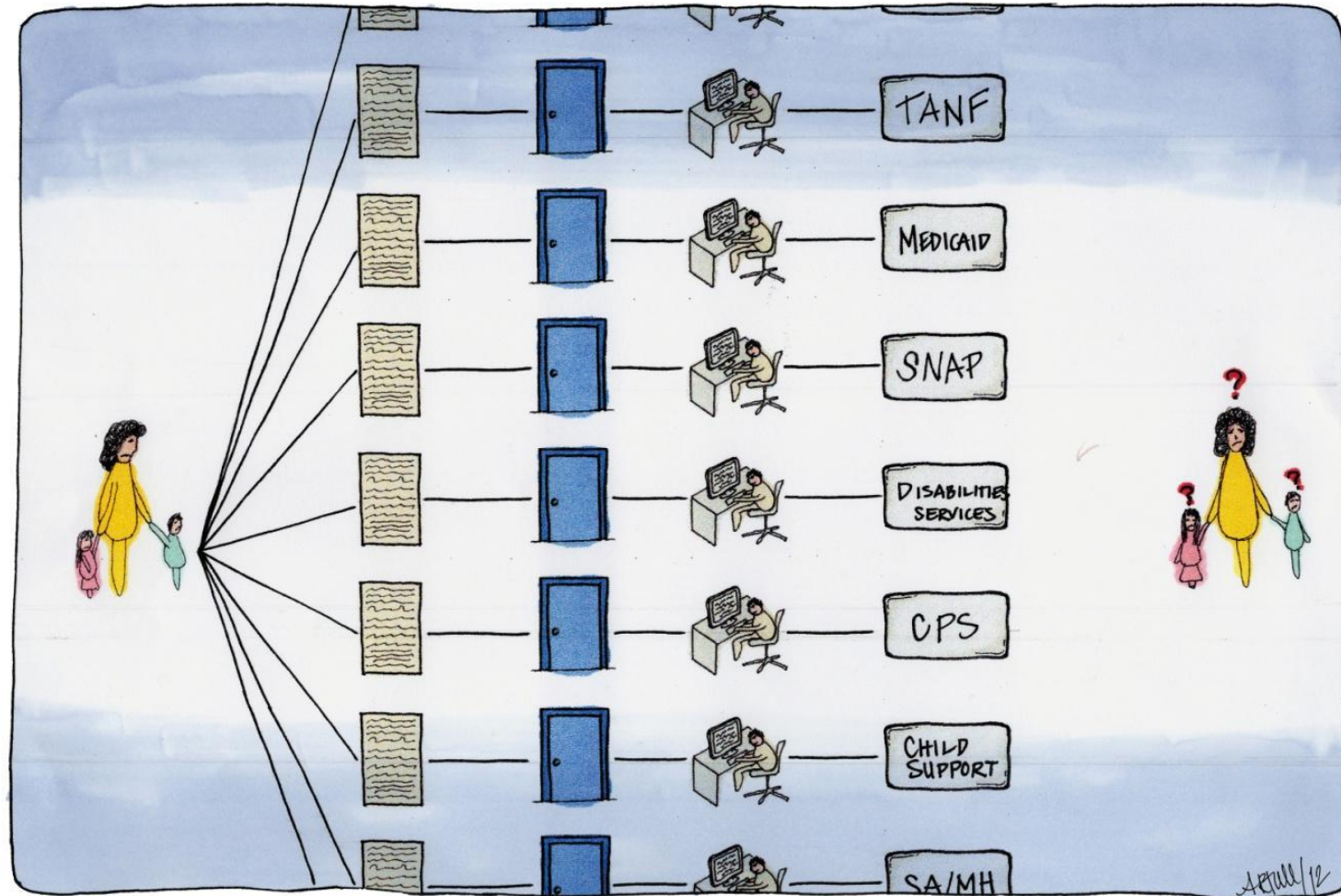


# Health and Human Services Integrative Model

- ✓ Process
- ✓ Technology Architecture
- ✓ Integration
- ✓ Data



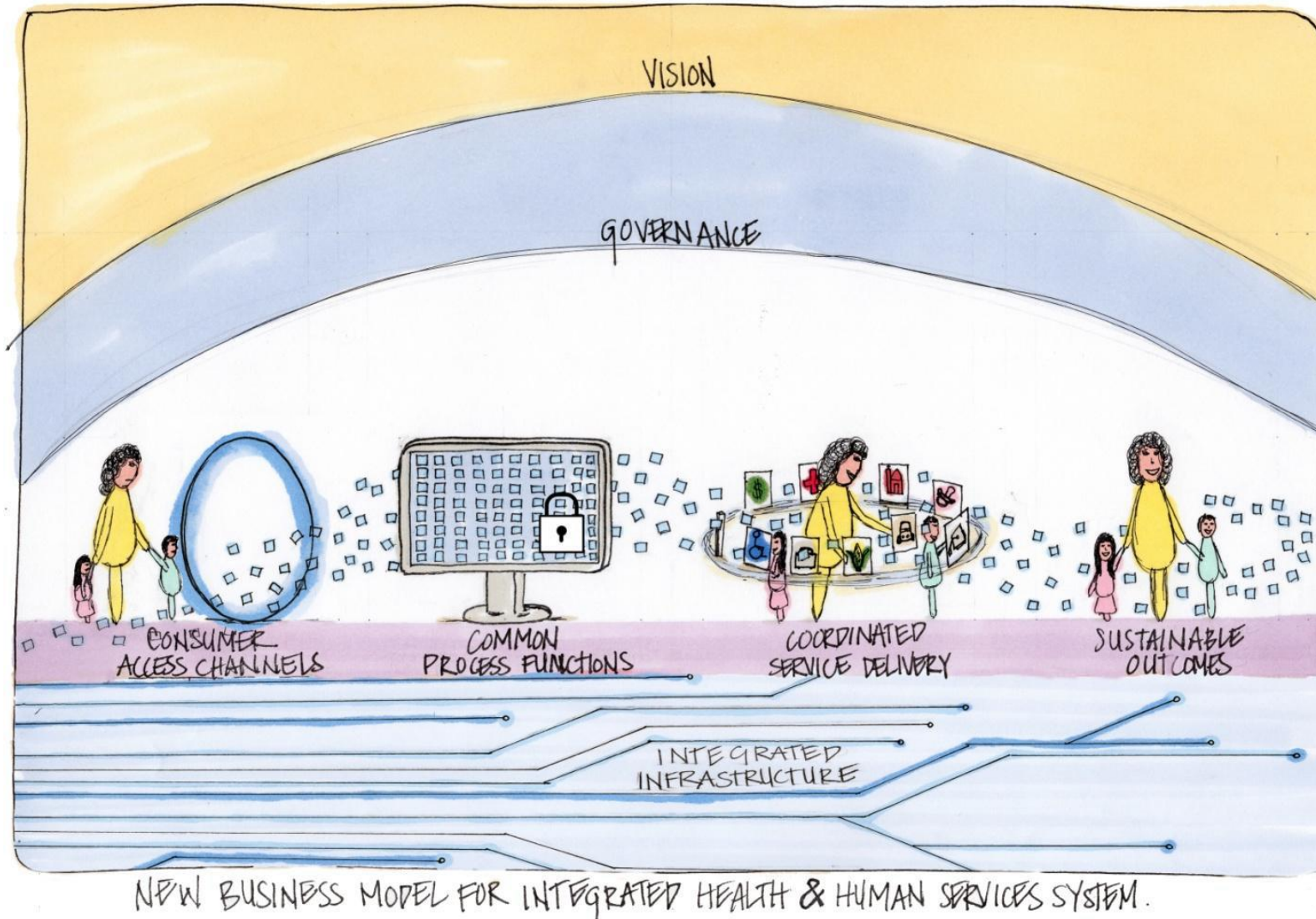
# Improving Client Experience and Outcomes



THE CURRENT HEALTH & HUMAN SERVICES SYSTEM.

From: APHSA "business model for horizontal integration of health and human services"

# Improving Client Experience and Outcomes



From: APHSA "business model for horizontal integration of health and human services"

## Current Technology Profile Within HHS

- Over **70** state and local IT system used across 8 local HHS agencies
- **Fragmented** functionality
- **Gaps** in functionality
- **Various generations of IT Systems with legacy lifecycles:**
  - Limited vendor support
  - County IT staff having to support old commercial systems
- Some critical business function with **no IT system**
- **Limited ability to share data** across programs for service delivery or analytics
- **A plus** : connected to modern County-wide IT Infrastructure

# HHS IT Governance and Strategy

- HHS IT Governance Board

- Patricia Harrison, DCE
- Dave Molchany, DCE
- Wanda Gibson, CTO
- HHS Agency Directors

- Core Project Leader Steering

- Jess Werder
- Debra Dunbar
- Greg Scott

- Senior IT

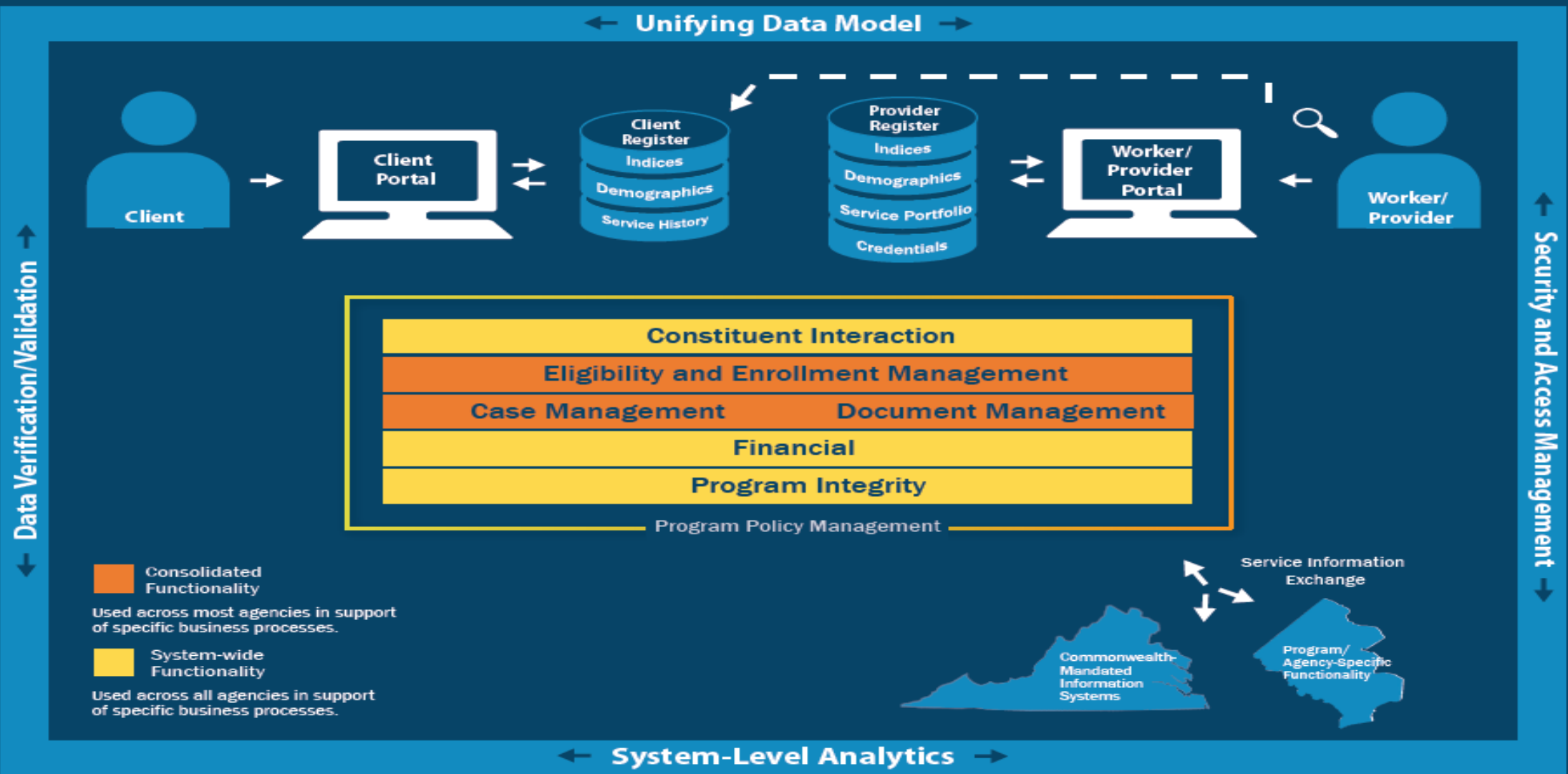
- ITPAC

## HHS Integrative System IT Roadmap

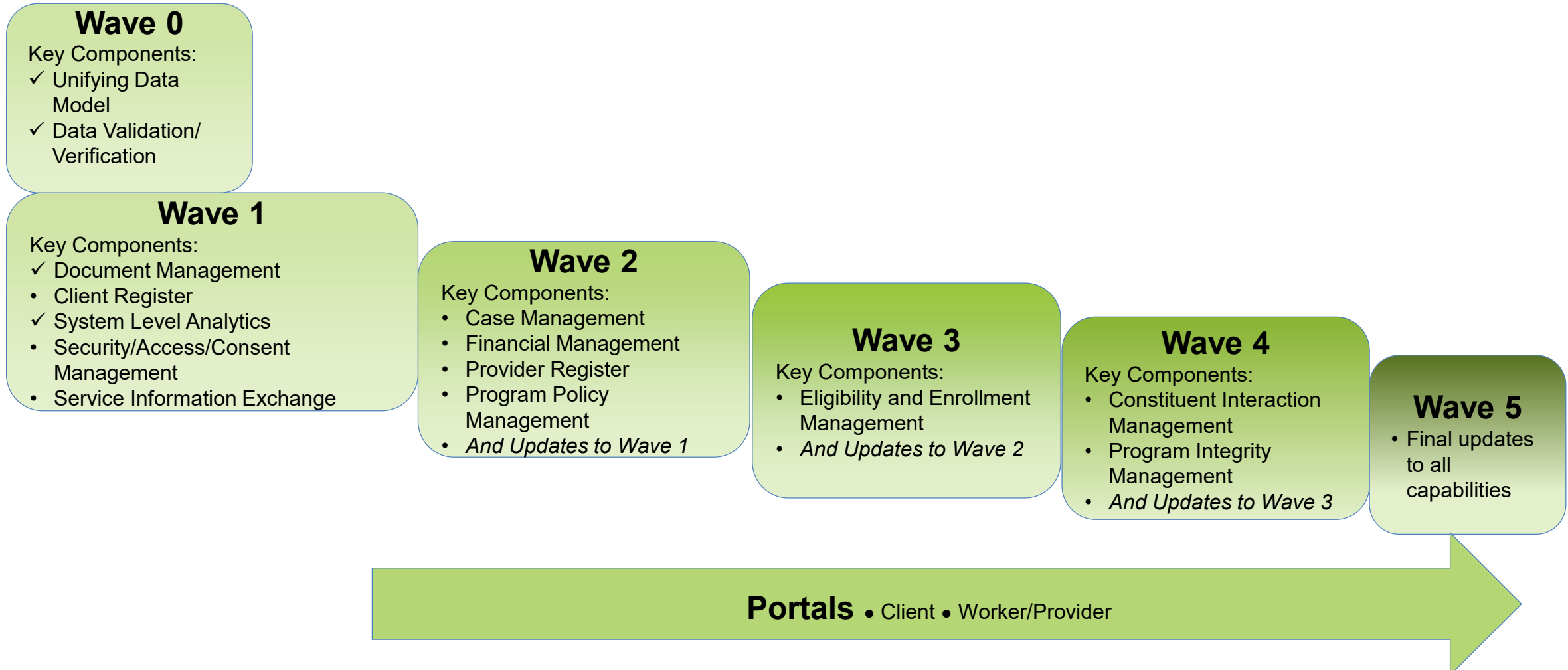
- 16 Components
- Five Years



# Fairfax County Health and Human Services IT System Integration



# Project Roadmap Component Implementation Plan



# Health Care Service Information System (HCSIS)

- An integrated, modular solution that primarily supports needs of and replaces legacy systems in:
  - Fairfax-Falls Church Community Services Board
  - Health Department
- HCSIS will interface with multiple Roadmap components and systems
  - Same clients accessing multiple County health related services
- Completed Work
  - Market Intelligence
  - Use Cases and Requirements
  - Stakeholder Engagement
- RFP Release, anticipated by the end of 2017

# Challenges

- HHS State and Federal Regulatory requirements (ever changing)
- Data privacy rules
- Electronic records digitization

# Opportunities

- ✓ County-wide IT Infrastructure
- ✓ County Cyber Program
- ✓ New Electronic records digitization platform
- ✓ DIT experience with data exchange and interoperability

# Partnerships and Collaborations

## Virginia-Local Health and Human Services Information Management (HHS IM) Workgroup

- System Access/Data Use
- Data Sharing/Exchange
- GMU Data Internship Program

