Deloitte.



Travis County HHS

Business Process Assessment Services – Efficiency Assessment & Recommendations

September 11, 2020

Table of Contents

- Introduction
- 2 Research Approach, Inputs, & Phase Activities
- **3** Overall HHS Recommendations
- **4** Divisional Recommendations
 - FSS Direct Services Delivery
 - FSS Supportive Services Delivery
 - CSD Service Delivery
 - OCS Service Delivery
 - ITS Service Delivery
- 5 Efficiency & Performance Metrics
- 6 Appendix A: Consolidated Recommendations
- 7 Appendix B: Current State Service Blueprints

Introduction

The Efficiency Assessment & Recommendations Report provides Travis County stakeholders with a set of actionable recommendations intended to address the challenges identified in the Sense Phase of this project, inform decision-making aligned with HHS overall goals, and provide the foundation for the ECMS business requirements. These recommendations were developed through a variety of activities conducted during the Aspire Phase.

INTRODUCTION

Purpose of This Report

- Provide Travis County stakeholders with a set of actionable recommendations with particular focus on the ECMS
- Provide efficiency and performance metrics that HHS can incorporate into its operations and ECMS implementation to measure business outcomes and develop data-driven insights
- Inform system requirements for the next phase of the project by:
 - Identifying vital functionality for business users aligned with operational needs
 - Clarifying the reporting and data management needs for HHS executives and decision-makers

Aspire Phase analysis and outputs...



Goals & Priorities from the Ambition Lab

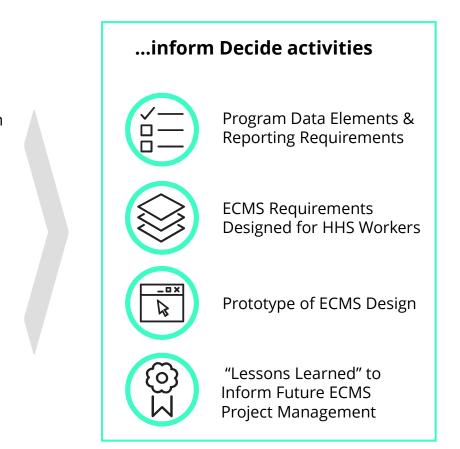


Service Blueprint Insights



HHS and Divisional Recommendations

Efficiency & Performance Metrics



INTRODUCTION

Executive Summary

Based on HHS goals and challenges identified during the Ambitions Lab, the Deloitte team developed Service Blueprints to **assess the client and worker experience across divisions.** Through facilitated discussions around the key challenges and opportunities within these processes, our team developed recommendations to **improve efficiency in HHS service delivery, particularly within the context of the ECMS implementation**, in addition to offering a set of metrics to **measure performance** based on identified business drivers.

REFERRAL Understand referred service and point of contact	REVIEW DOCUMENTS & ENTER CLIENT DATA Reassured that case is transferred to OCS and reviewed in a timely manner	AssiGN TO STAFF Knowledge of OCS staff and confidence in program success	CONDUCT INITIAL SCREENING & SERVICE PLAN Reassured that OCS is developing a plan based on needs	PROVIDE SERVICES Feel empowered to engage and tailor needs in program	Complete SERVICES Confident in my ability to close out service participation and evaluations	EVALUATE SERVICES Understand how OCS has assessed participation in services	REPORT ON SERVICES & PROG. EFFECTIVENESS Obtained skills that are foundation for growth beyond OCS		
What types of client engagemen occur here?		n colla	borati	on with	HHS	Client participation accurately and efficiently evaluate and recorded	challeng at th	re the main ges for HHS is stage?	
Line of Visik ten Enter client chart in TCM Collect referrals and documentation as meeded	Ve ana	lyzed 5			cvice bl	ueprin	delivery tts. Upload case (is and complemented in and excel second reporting (inclu- to Commissioners) to Commissioners)	How could H better facilite questions?	ate

OUR ASSESSMENT YIELDED THE FOLLOWING "BIG PICTURE" RECOMMENDATIONS...

- Implement Digital, Task-Based Case Management
- Make ECMS the "Source of Truth" for Data
- Clarify HHS-ITS Interactions & Processes
- Expand Client Self-Service Capabilities

...AND THE FOLLOWING BUSINESS DRIVERS FOR METRIC MEASUREMENT

- 1 Improve Client Experience & Satisfaction
- Improve Worker Experience & Satisfaction
- Optimize Service Delivery
- Enhance Planning & Budgeting
- Improve Client Outcomes & Program Performance

INTRODUCTION

Project Approach & Activities

	SENSE Months 1-3	ASPIRE Months 3-7	DECIDE Months 7-11
Project Management	✓ Establish Project Governance✓ Develop Project Management Plan	 ✓ Continue Project Management Design Project Governance ✓ Deliver Ambitions Lab 	 Continue Project Management and Pilot Governance Capture Lessons Learned and Conduct Project Closeout
Business Process Assessment	 ✓ Perform Stakeholder Interviews ✓ Review Procedural & Operational Documentation ✓ Develop As-Is Business Process Maps 	 ✓ Assess Improvement Opportunities & Identify Future-State Recommendations ✓ Hold Future-State Sessions 	 Finalize Future-State Recommendations & Next Steps
System Discovery	 ✓ Explore CABA System Functionality & Understand Technical Components ✓ Hold Discovery Sessions to Map CABA Functionality 	 ✓ Begin Documenting Program Data Elements & Reporting Requirements ✓ Capture High-Level ECMS Functionality 	 Confirm ECMS Data Elements and Reporting Requirements Hold Discovery Sessions to Document ECMS System Requirements
Service Design	 ✓ Perform User Research & Center Observations ✓ Develop Modes/Mindsets & Journey Maps 	✓ Service Design Planning✓ Draft Service Blueprints	 Prototype ECMS Design & Develop Wireframes/Mockups
Deliverables	 ✓ Project Kick-off ✓ PM Plan ✓ Task 1: Business Process Review and Documentation: ✓ Current-State Insights Report ✓ Business Process Flows 	 ✓ Task 3: Efficiency Assessment ✓ Efficiency Assessment & Recommendations Report 	 Task 2: Data Mapping & Reporting Requirements Task 4: System Requirements & Design Document Project Closeout

Overview of Approach, Inputs, & Activities

The activities conducted during the Aspire Phase were built upon the insights and challenges identified during the Sense Phase. We first aligned on HHS' ambitions and goals, and then analyzed and synthesized opportunities for achieving these goals, as well as identified tools, processes, and metrics to help Travis County move forward.

Approach

Building from the Insights Report..

The focus of this phase of our work was on addressing the challenges discussed in the Insights Report.

To do so, we introduced a Customer Experience lens into future-state discussions in order to more precisely identify improvement areas within HHS service delivery. From there, we developed Recommendations that address these challenges and enable HHS to make progress toward the Goals identified in the Ambitions Lab.

Focusing on the Customer Experience (CX) has increasingly been recognized as foundational to government services:

- Despite **customer satisfaction** being a priority for the public sector, governments have traditionally struggled to raise the resources needed to prioritize CX.
- CX service design marries **process tools and technologies** with **humancentered design principles** to improve the quality of interactions between residents and the government.
- When used effectively, CX can deliver a **"triple-value impact"** by improving worker productivity, processing efficiency, and mission-effectiveness.



ANALYZING DELIVERY THROUGH THE SERVICE BLUEPRINT

The Service Blueprint allows us to explore how internal HHS processes support the Client Experience...

- **Experience Lifecycle Phase** shows the overarching process of the client interaction with HHS
- **Customer Experience and Procedural Goals** show the ideal end result for each step of the process
- **Customer Actions** detail the steps the customer is taking as they engage with an HHS service
- Front Stage Actions are those actions HHS takes that are visible to the client
- **Back Stage Actions and Support Processes** are those that happen behind-the-scenes
- The Lines of Visibility and Interaction delineate where the client is engaged and which processes are visible to them



Service blueprints highlight the **impact of challenges on the client and worker experience**, enabling HHS to **identify specific opportunities** to improve service delivery.

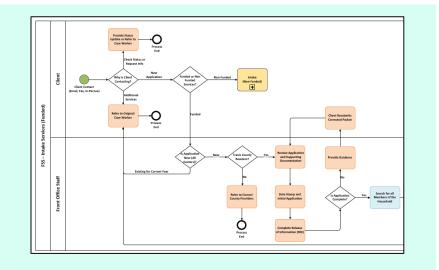
9 | Copyright © 2020 Deloitte Development LLC. All rights reserved.

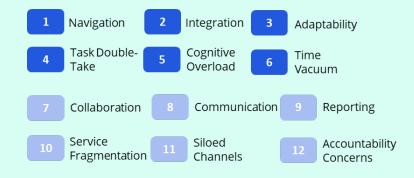
*See Appendix B for all documented Service Blueprints

CREATING THE SERVICE BLUEPRINT

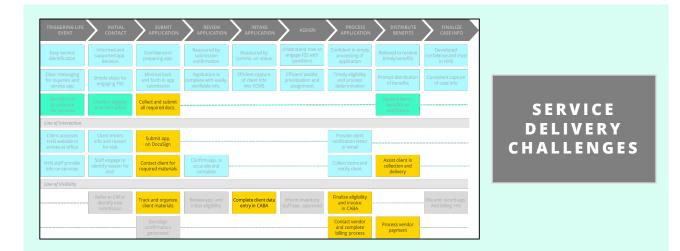
Through our understanding of your existing processes and insights developed during the Sense Phase, we developed a service blueprint that clarified areas in the FSS service delivery process most impacted by future-state recommendations, as well as which recommendations best align to HHS' overarching goals.

RECOMMENDATIO





PROCESS MAPS AND INSIGHT STATEMENTS





OVERARCI	IING	HHS RECON	IMENDATIONS	
The following recommendation	ns were iden	tified as impactful for HHS overall.	with subsequent sections focusing on division-specific recommendations.	
RECOMMENDAT	FSS SER	VICE DELIVERY		
Files	ECC	DIDECT CED	VICES RECOMMENDATION	F
Incorporate Task-Based Management			VICES RECOMINIENDATION	3
Utilize Integration & Pri Processes	Case	Processing		
Processes	ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS
Empower Staff Decision		•	MUST HAVE	
Enhance Reporting & Pe	FD-10	Unified client records	Structure household data and program information for a given application around a unique client ID in ECMS	 Supports data quality and reduces duplicate records by connecting information around client ID Supports enhanced system queries, including cross-program and multiple search attributes
lanagement	FD-11	System driver flow	Implement driver flow that guides user to process applications based on program and system logic	 Streamlines the data collection/intake process Simplifies system navigation and reduces duplicative data entr
Istablish a Unified Clier	FD-12	Automated eligibility determination	Include automated eligibility determination in ECMS that uses collected client data to evaluate against program requirements	 Supports accurate eligibility determination and reduces errors Mitigates cognitive overload through automation
	FD-13	Task-based case managem	tasks in ECMS) to digitize the workflow of case processing	Streamlines workflow, clarifies division of labor Supports tracking of timeliness across app lifecycle
Integrate Systems & Inf Services			SHOULD HAVE	
18 Copyrght # 20	FD-14	System reminders	Use automated system reminders (notifications within ECMS) to prompt staff on tasks or other case management activities	 Mitigates cognitive overload and allows staff to work on multip cases simultaneously Encourages collaboration across workflow
	FD-15	Secondary review function billing	for Utilize secondary review function through system tasks to review and authorize eligibility results before benefit issuance	Allows managers to review complex cases Helps minimize discrepancies/problems when reviewing invoices and bills
	FD-16	Presumptive eligibility	Use ECMS to perform presumptive eligibility and allow clients option to opt-in to programs	Reduces instances where clients "slip through the cracks" Allows FSS to more holistically serve a client
		Enhanced consumption his	story Improve how consumption history is captured in case	 Improves system navigation
		-		

OUR ACTIVITIES

INPUTS

AMBITIONS LAB • Aligned on HHS goals a		EXECUTIVE INTERVIEW SESSIONS	B L U E P R I N S E S S I O N S	T REVIEW	P R I O R I T I Z A I O N S E S S I O N S		SUBJECT MATTER EXPERT INTERVIEWS
priorities for ECMS and challenges with the cur Prioritized future-state themes and what "mus	rrent system ambition	 Refined challenges and opportunities for selected divisio to inform blueprints 	ns a client exper Identified pai	n points,	 Prioritized pain point and worker impact to recommendations Panked export unitia 	o inform	 Researched industry best practices for ECMS efficiency metrics and recommendations Evaluated best practices against
achieve them		Expanded assessment of Ambitic Lab findings		s, and performance ages in delivery	 Ranked opportunitie preference and impart 		 Evaluated best practices against prioritized recommendations
	1	5	13	133		92	
	A M B I T I O I L A B		SESSIONS VITH HHS	PAIN POINTS EVALUATED		P R I O R I T I Z O M M E N D A	
OUTPUTS							
AMBITIONS LAB REPORT	}	CURRENT & FUT SERVICE BLUEPF		HHS FUTUR RECOMMEN			ORMANCE METRICS

Highlights alignment on HHS goals and priorities, key challenges and pain points, as well as opportunities for the system to leverage technology to achieve HHS future-state goals

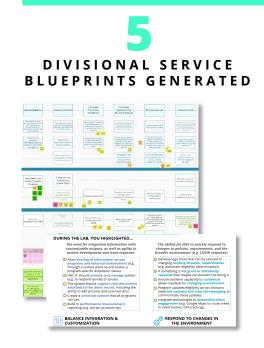
Breaks down HHS service delivery by division or program to pinpoint challenges and identify specific areas for improvement, and synthesizes how recommendations impact this delivery

Provides recommendations for HHS overall, as well as at the division level, that are aimed to help improve service delivery, particularly through the ECMS implementation

Offers a set of metrics to track and measure targeted HHS business outcomes, including client and worker satisfaction, optimal service delivery, planning and budgeting, staff productivity, and client and program outcomes

TURNING CHALLENGES INTO RECOMMENDATIONS

ALIGN ON CHALLENGES & OPPORTUNITIES



During the **Ambitions Lab**, **Executive Interviews**, and **Future State Sessions**, HHS staff discussed the challenges and opportunities that most impacted their division. MEASURE CHALLENGES **BY IMPACT** PAIN POINTS EVALUATED Impact to Worker and Customer Experience ("X" No Gard Status S Received and an Received and Manual Andrewson, State Strate and State ectants for central sector documps Nacional Administration Clarify NO

During the **Future State Sessions** pain points and opportunities highlighted in previous sessions were weighed by divisional impact to client and worker experience. **RANK & SYNTHESIZE OPPORTUNITIES OPPORTUNITIES** PRIORITIZED HIGH Priority

Following the initial **Future State Sessions,** HHS staff prioritized opportunities to address these pain points based on divisional priority for the new ECMS system.

DEVELOP FINAL RECOMMENDATIONS

92 RECOMMENDATIONS GENERATED

ID	RECOMMENDATION	DETAIL
		MUST
FS-5	Digitize forms and notices	Incorporate forms management and gen
FS-9	ECMS scheduling	Incorporate scheduling functionality in E
FS-35	6 Global case notes	Implement global case notes that can be in the active client record for a designate
FS-46	Digitize Service Plans	Include SW/SCM service plans in the ECN
		SHOULD
FS-13	Task-based case management	Implement task-based management (inte tasks in ECMS) to digitize the workflow of
FS-42	E Digital case files in the field	Invest in hardware (tablets, mobile phon a responsive ECMS design to support SW digital case files
FS-43	Field staff productivity	Use ECMS functionality (e.g. manual task to track staff time spent in the field
FS-49	Standard video conference platform	Select a standard platform for video conf contacts or internal meetings

Finally, using **input from the prioritization session**, our team synthesized the prioritized opportunities and further ordered according to business need, best practices, and feasibility in implementation.

INPUTS/OUTPUTS ACROSS DIVISIONS

			Inputs and Activities	;		Report Deliv	verable
Divisions	Ambitions Lab	Executive Interviews	Future-State Sessions	Service Blueprints	Recommendation Prioritization Sessions	Recommendations	Efficiency Metrics
Family Support Services	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Community Services Division	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Office of Children Services	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Finance ²	\bigcirc		\bigcirc			\bigcirc	\bigcirc
Human Resources ¹	\bigcirc						
Research & Planning*	\bigcirc	\bigcirc					
IT Services*	\bigcirc		\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc

13 | Copyright © 2020 Deloitte Development LLC. All rights reserved.

¹Not originally included in RFP scope

²Finance considerations have been incorporated with divisional recommendations in support service delivery

Overarching HHS Recommendations

The recommendations highlighted in this section were identified through activities and analyses across all divisions and are intended to provide suggestions for improving efficiency in HHS service delivery, particularly within the context of ECMS implementation.

REFRESH ON HHS GOALS

The recommendations provided in this document are aligned with the four HHS goals identified from the Ambitions Lab:

EMPOWER STAFF TO FOCUS ON CLIENTS

Give staff more time to deliver highimpact services and work with clients.

PRIORITIES:

- Improve **usability of technology** to streamline staff experience
- Leverage technology to automate processes and increase efficiency

OUTCOMES:

- Reduced duplicative tasks, rework, and administrative work
- Increased interaction with clients or performing high-impact work

EVOLVE TO AN INSIGHT-DRIVEN ORGANIZATION

Use data to measure program performance and enable datadriven decision-making.

PRIORITIES:

- Establish ECMS as a "one stop shop" for data, reporting, and management needs
- Provide accessible, accurate data across programs and divisions

OUTCOMES:

- Ability view and interpret data from a single source
- Better able to understand program performance and make decisions from data

ENHANCE COLLABORATION ACROSS HHS

Expand HHS' ability to coordinate, plan, and communicate across all divisions and programs.

PRIORITIES:

- Leverage technology to help break
 down organizational siloes
- Use ECMS to share information
 and track clients

OUTCOMES:

- Improved communication and planning across the organization
- Ability to understand the complete client picture

ELEVATE CLIENT EXPERIENCE & ACCESS TO SERVICES

Improve residents' ability to access HHS programming through faster, more streamlined service delivery.

PRIORITIES:

- Use technology to expand how residents engage services (selfservice portals, digital forms, etc.)
- Streamline service delivery from application/referral to services received

OUTCOMES:

- Improved client ability to apply and participate in services
- Reduced cycle time for clients to receive services

GETTING STARTED ON DETAILED RECOMMENDATIONS

How they are defined

Recommendations are the output of the synthesis from the Ambitions Lab and future-state sessions with HHS leaders and staff.

Detailed recommendations have been prioritized by divisional stakeholders and are intended to be **concise**, actionable strategies for improving efficiency in service **delivery** for both HHS clients and staff. Specific ECMS system requirements will be captured in the upcoming Decide Phase.

How they will improve service delivery

The HHS-wide recommendations included in this section have been synthesized from the divisional recommendations across FSS, CSD, OCS, Finance, and ITS. These overarching recommendations focus on:

- Addressing client service needs
 - \bigcirc
 - capabilities Improving process efficiency and cycle time
 - Eliminating redundancies and standardizing processes

Enhancing technological

- Simplifying workflow (變) organization
- Incorporating industry best practices



Revamping policies and requirements

Please see a Appendix A in this document to access a spreadsheet of all consolidated recommendations with additional details. The spreadsheet also allows sorting by area of improvement, impacted division, and alignment with broader HHS goals.

WHAT ARE THE MAJOR TAKEAWAYS?

We identified four critical, "big picture" recommendations that will assist HHS address current challenges and work toward achieving their future goals.



Implement Digital, Task-Based Case Management

HHS staff highlighted the need for the new ECMS to match their workflow processes through **role-based tasks and a system driver flow** in order to support improved caseload management for **fully digital case files**.



Make ECMS the "Source of Truth" for Data

HHS also emphasized the need for the new system to offer **more robust and comprehensive reporting and data management**, accomplished which will be in-part through **unified**, **aggregated client data** with critical information accessible across divisions and stakeholders



Clarify HHS-ITS Interactions & Processes

Established **system accountability and oversight** will be essential to successful adoption of the new ECMS. Staff highlighted the importance of **configurability, as well as training** to help them fully leverage technology to help clients.



Expand Client Self-Service Capabilities

HHS staff expressed interest in a system that offers increased "preclient" interactions through **selfservice options, including a client intake portal,** online appointment scheduling, and digital document submission.

OVERARCHING HHS RECOMMENDATIONS

The following recommendations were identified as impactful for HHS overall, with subsequent sections focusing on division-specific recommendations.

RECOMMENDATION	DESCRIPTION	IMPACTED DIVISION	VALUE HYPOTHESIS				
IMPLEMENT DIGITAL, TASK-BASED CASE MANAGEMENT							
Transition to Fully Digital Case Files	Digitize all client records and house them within the ECMS for virtual access and enhanced search capabilities	FSS, CSD	Supports move to paperless, reduces printing costsMaintains client data and progress in a single location				
Incorporate Task-Based Management	Prioritize a task-based management flow in ECMS for applications and caseload management	FSS, CSD, Finance	Streamlines workflow, clarifies division of laborSupports tracking of timeliness across app lifecycle				
Utilize Integration & Prioritization Processes	Leverage system integration and task management to prioritize case processing (e.g. integrated check-in system, centralized waitlist)	FSS, CSD	Supports effective workload managementReduces time client spends on waitlist				
Empower Staff Decision-Making	Develop processes and implement policies that allow HHS staff to make independent decisions in client management or completing tasks	FSS, CSD, OCS, Finance	 Promotes staff well-being and focus on mission-critical work Streamlines service delivery and reduces "red tape" 				
	MAKE ECMS THE "SOURC	E OF TRUTH" FOR DATA					
Enhance Reporting & Performance Management	Develop HHS-wide reporting mechanisms and dashboards that aggregate program data and track metrics on program efficiency	FSS, CSD, OCS, R&P, Finance	 Offers insight into complete client history and long-term program performance Supports collaboration between divisions Offers real-time view into client, workload, and staff activity data 				
Establish a Unified Client Record	House all client information under a unified client ID in ECMS that is viewable across HHS programs	FSS, CSD, OCS, R&P	 Supports data quality and reduces duplicate records by connecting information around client ID Supports enhanced system queries, including cross-program and multiple search attributes 				
Integrate Systems & Information Services	Incorporate integration mechanisms between technology platforms (e.g. ECMS with SAP) and information sharing services (e.g. income verification)	FSS, CSD, Finance	 Reduces manual tasks and duplicative data entry, including client intake and billing processing Supports accurate eligibility determination and faster delivery of benefits 				

18 | Copyright © 2020 Deloitte Development LLC. All rights reserved.

OVERARCHING HHS RECOMMENDATIONS

The following recommendations were identified as impactful for HHS overall, with subsequent sections focusing on division-specific recommendations.

RECOMMENDATION	DESCRIPTION	IMPACTED DIVISION	VALUE HYPOTHESIS				
CLARIFY HHS-ITS INTERACTIONS & PROCESSES							
Designate a System Administrator	Invest in a dedicated ECMS administrator responsible for system oversight and management	FSS, CSD, OCS, R&P, Finance	 Allows for faster configurations/changes to ECMS Supports system training and technical assistance 				
Prioritize System Configurability	Prioritize a client management system (ECMS) that allows fields or rules to be modified without coding or other system change	FSS, CSD, Finance	 Accommodates faster changes to policies or grant requirements Supports better alignment of system design with business needs 				
	EXPAND CLIENT SELF-SE	RVICE CAPABILITIES					
Develop a Client & Partner Portal	Invest in an online portal integrated with ECMS that allows clients and HHS partners to securely submit applications and documents, view information/ status, and contact staff	FSS, CSD, OCS	 Reduces duplicative data entry for information submitted through portal Offers easier, user-friendly document submission 				
Automate "Pre-Client" Contact	Increase pre-client interactivity on the Travis County website to inform potential clients of eligibility, services available, etc.	FSS, CSD, OCS	 Provides clients with a better understanding of which HHS services are right for them Reduces phone and email inquiries 				
Enhance Client Communications	Develop standardized, automated correspondence and communication platforms for staff and clients to interact and share information through ECMS	FSS, CSD	 Reduces duplicative data entry and manual tasks Keeps client informed, aware, and engaged Supports sharing of data between HHS and clients 				

WHAT WOULD THE FUTURE LOOK LIKE FOR STAFF?

Recalling the four worker mindsets we identified in the Sense Phase, implementing the overarching recommendations would directly improve the worker experience for HHS staff across these mindsets.

I just want to help

High Collaborative, High Reactive

- Stray from the process, creating a culture of partnership to go above and beyond to accommodate individual client needs
- Motivated by client experience, they focus on the emotional experience of clients and overlook operational efficiency

The new FCMS unified client record makes it easier to determine eligibility across programs, allowing staff to help clients receive tailored services by leveraging rather than bypassing system processes.

I follow the standards

High Collaborative, High Proactive

- Follow the process and best practices creating a **culture of collective** shared knowledge to optimize performance based on **client** outcomes
- Motivated by client experience, they focus on programmatic evaluation and overlook operational efficiency

Enhanced reporting and

I just stay the course

High Separate, High Reactive

- Follow the general process, creating a culture of order by assisting one client at a time to accommodate their own needs
- Motivated by individual workflow, they focus on limiting disruption and overlook client experience

 \odot

Ο

I follow my own path

High Separate, High Proactive

- Follow the process by their own book, creating a culture of efficiency to optimize performance based on operational outcomes
- Motivated by individual workflow, they focus on total number of clients served and overlook individual client experience





performance management enables real-time insight into client outcomes and service trends, which can help direct an **agency-wide strategy** for enhancements to service delivery.

Improving client communications refocuses staff attention to missioncritical activities (e.g. case management, client assistance) without compromising client awareness and understanding of program processes.

Integrating task-based management with digital case files allows HHS staff to **quickly** and accurately process client information and eligibility, enabling the agency to serve a greater number of clients while maintaining data integrity.

Divisional Recommendations FSS Direct Services

This sections provides an overview of priority recommendations that will help FSS address challenges in delivering direct services, including rent/mortgage, utilities, food, clothes, and burial assistance.

FSS DIRECT SERVICES OVERVIEW

What are "Direct Services?"

Direct Services are those FSS provides that are **primarily transactional in which the client receives material or financial support** for a life event. Services are typically provided by FSS Case Workers in a shorter timeline and include...



FSS SERVICE DELIVERY

FSS DIRECT SERVICES: CURRENT SERVICE DELIVERY

The highlighted boxes in this service blueprint depict specific pain point areas.

Inefficiencies during the beginning of the client lifecycle (e.g. application submission and approval tracking processes) have downstream effects on client wait times and impact delivery of benefits.

CHALLENGES

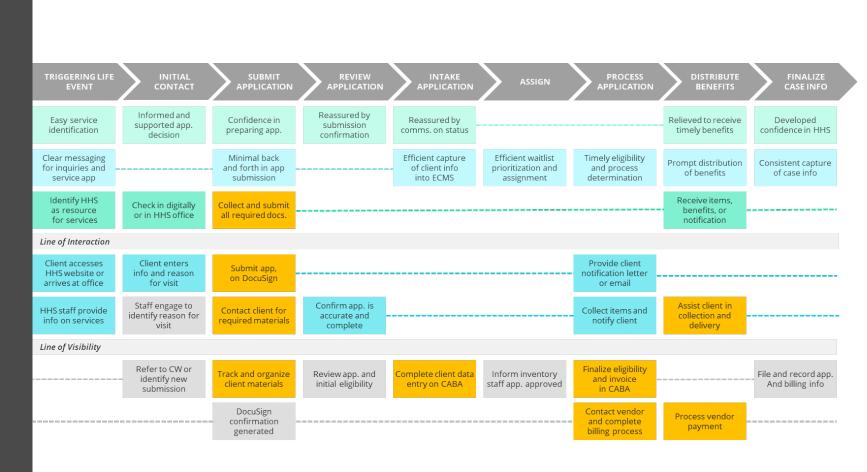
Protracted application submission process, caused by difficulties in tracking and managing client information, with staff often having to go back and forth with the client to get complete and accurate information.

Limitations in accessing and sharing client information due to lack of consolidated client records, poor search functionality, and no integration with other systems and external data sources.

Constraints in processing cases in the system due to lack of centralized intake to assist in managing workload, as well as system navigation and intake issues.

Delays in clients receiving benefits caused by duplicative processes and lack of automation in financial processes (e.g. hand sorting and reviewing invoices).

What are the Key Challenges in the Current Service Delivery Process?



Please see Appendix B for larger views of the service blueprints.

We've organized a set of recommendations by functional service area to help Travis County address the challenges identified across service delivery, including backstage processes. These have been further prioritized according to relative business need, industry standards, and feasibility in implementation.

Client Inquiry & Intake

Recommendations related to client activities, including implementation of a dedicated client portal, digital form submission, enhanced inquiry functionality from the Travis County website, centralized intake, and integrating the check-in system with ECMS.

Case Processing

Recommendations related to worker activities in processing cases, including enhanced system navigation, task-based case management, system alerts and reminders, and automated eligibility determination.

Benefits Delivery

Recommendations related to delivering benefits to clients, including integration of ECMS and SAP, streamlined finance processes, digital forms and notices in the system, and logging/tracking appeals.

Information Sharing, Tracking, & Reporting

Recommendations related to accessing and sharing information, including enhanced reporting and analytics in ECMS, global case notes, integrated verification services, and using ECMS to track application lifecycle.

The recommendations in this report include those designated as higher priority items by FSS stakeholders.

Please see Appendix A in this document to access a spreadsheet of all consolidated recommendations with additional details. The spreadsheet also allows sorting by service area, priority, whether it was prioritized by another division, and alignment with broader HHS goals.

Client Inquiry & Intake

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS				
	MUST HAVE						
FD-26	DocuSign staff training	Develop and deliver additional staff training for DocuSign	Supports easier application receipt and intakePrevents delays in processing completed apps				
FD-28	Online portal or digital submissions	Develop client portal or online form that allows clients to submit client data (usable through mobile phone and other platforms)	 Reduces duplicative data entry in case management system for information submitted through portal Offers easier, user-friendly application submission 				
		SHOULD HAVE					
FD-27	Initial eligibility inquiry	Allow clients to enter basic information through the Travis County website or a client portal to determine services they may be eligible for	Reduces phone or email inquiriesProvides client with information easily and independently				
FD-29	Digital submission requirements	Use client intake portal or online forms to require certain documents and information be provided before submitting an application	 Reduces instances of incomplete application submissions Assists client in understanding which info to provide 				
FD-31	E Centralized intake	Leverage task-based management structure to implement centralized intake across centers (and centralized waitlist)	Supports effective workload managementReduces time client spends on waitlist				
FD-30	E Digitize admin functions	Incorporate administrative functions into case management system where possible, including check-in system, document upload/scanning, and outlook calendar	 Streamlines client interactions and management of incoming data and documents Reduces duplicative data entry and manual tasks Supports complete digitization of case file 				

Denotes recommendations specific to the

implementation of ECMS

Case Processing

ID		RECOMMENDATION	DETAIL	VALUE HYPOTHESIS				
	MUST HAVE							
FD-10	E	Unified client records	Structure household data and program information for a given application around a unique client ID in ECMS	 Supports data quality and reduces duplicate records by connecting information around client ID Supports enhanced system queries, including cross-program and multiple search attributes 				
FD-11	E	System driver flow	Implement driver flow that guides user to process applications based on program and system logic	Streamlines the data collection/intake processSimplifies system navigation and reduces duplicative data entry				
FD-12	E	Automated eligibility determination	Include automated eligibility determination in ECMS that uses collected client data to evaluate against program requirements	 Supports accurate eligibility determination and reduces errors Mitigates cognitive overload through automation 				
FD-13	E	Task-based case management	Implement task-based management (integration of alerts and tasks in ECMS) to digitize the workflow of case processing	 Streamlines workflow, clarifies division of labor Supports tracking of timeliness across app lifecycle 				
			SHOULD HAVE					
FD-14	E	System reminders	Use automated system reminders (notifications within ECMS) to prompt staff on tasks or other case management activities	 Mitigates cognitive overload and allows staff to work on multiple cases simultaneously Encourages collaboration across workflow 				
FD-15	E	Secondary review function for billing	Utilize secondary review function through system tasks to review and authorize eligibility results before benefit issuance	 Allows managers to review complex cases Helps minimize discrepancies/problems when reviewing invoices and bills 				
FD-16	E	Presumptive eligibility	Use ECMS to perform presumptive eligibility and allow clients option to opt-in to programs	 Reduces instances where clients "slip through the cracks" Allows FSS to more holistically serve a client 				
FD-65	E	Enhanced consumption history documentation	Improve how consumption history is captured in case management system, including the alternate billing method (ABM)	Improves system navigationReduces offline calculations and duplicative data entry				
2	26 Copyright © 2020 Deloitte Development LLC. All rights reserved.							

implementation of ECMS

Benefits Delivery

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS				
	MUST HAVE						
FD-2	Batch processes for invoices	Develop batch processes or improved handoff mechanisms for FSS invoices that require vendor payment	 Reduces manual tasks when reviewing invoices Supports integration of ECMS data with SAP and streamlines backstage finance processes 				
FD-3	E Log and track appeals	Establish processes to log and track appeals in case management system	Supports efficient resolution on behalf of clientProvides clarity and details for audits				
FD-4	E Integrate SAP with ECMS	Integrate ECMS with SAP to share invoice, billing, funding, and vendor information	 Reduces manual tasks when reviewing bills, processing invoices, and performing finance tasks Supports faster delivery of benefits Offers stakeholders with funding information and status of benefits delivery Supports shifting of vendor management from HHS 				
FD-5	E Digitize forms and notices	Incorporate forms management and generation into ECMS	 Reduces manual, duplicative data entry Reduces errors/issues in generating forms from an external system Improves system navigation for end users 				



Information Sharing, Tracking, & Reporting

ID		RECOMMENDATION	DETAIL	VALUE HYPOTHESIS				
	MUST HAVE							
FD-34	•	ECMS cross-program reporting	Allow sharing of information (e.g. reports) across programs and stakeholders through ECMS database that aggregates client data	 Offers insight into complete client history, when/where they have received HHS services, and helps measure outcomes across programs Supports collaboration between divisions Supports back-end finance processes, including reducing offline reporting and data tracking 				
FD-35	E	Global case notes	Implement global case notes that can be accessed from anywhere in the active client record for a designated user role	 Improves system navigation for case workers to access case notes from any page Assists in understanding client history 				
FD-36	E	Integration of verification services	Integrate business-critical information services into case management system, including income, address, SSN, and citizenship	 Reduces manual tasks and efforts to validate client data Supports accurate eligibility determination 				
FD-37		Implement role-based access	Utilize role-based access to offer read-only or read-write access based on staff responsibilities	Provides staff with access to needed client infoBetter aligns system role with operational role				
FD-38	E	Dashboards and analytics	Incorporate dashboard features and analytics in ECMS that visualize targeted metrics	 Offers real-time views into client, workload, and worker activity data Allows decision-makers to understand center demands, access demographic info, and communicate divisional needs 				
	SHOULD HAVE							
FD-39	e	Track application lifecycle	Track application across lifecycle to measure timeliness and inform clients of status (e.g. on waitlist, processed)	Provides insight into service efficiencyCan be leveraged to provide clients with application status				



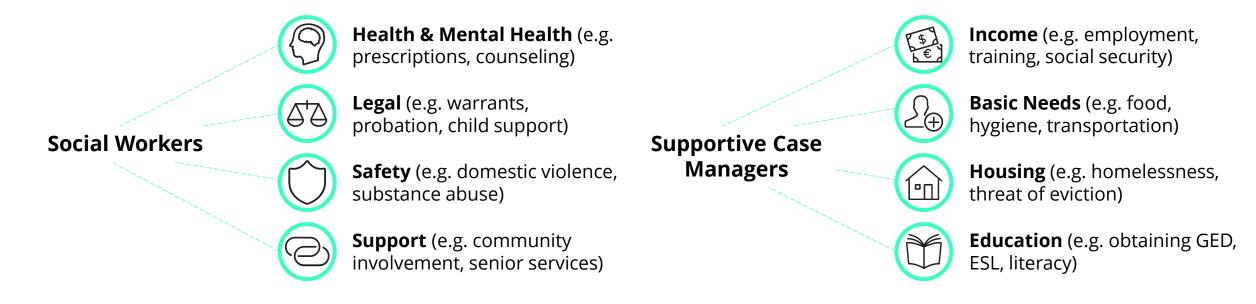
Divisional Recommendations FSS Supportive Services

This sections provides an overview of prioritized recommendations that will help FSS address challenges in delivering supportive services, including social work services and supportive case management.

FSS SUPPORTIVE SERVICES OVERVIEW

What are "Supportive Services?"

Supportive services are those FSS provides that **involve multiple touch points with the client to guide and support them** across one or many life events. Services are typically provided by FSS Social Workers and Supportive Case Managers in a shorter timeline and include...



FSS SUPPORTIVE SERVICES: KEY DELIVERY CHALLENGES

The highlighted boxes in this service blueprint depict specific pain point areas.

Inefficiencies in transitioning the client to their respective supportive service after initial intake, in addition to technology and resource limitations that may inhibit client communications, create inconsistencies in the client experience that can lead to varied outcomes.

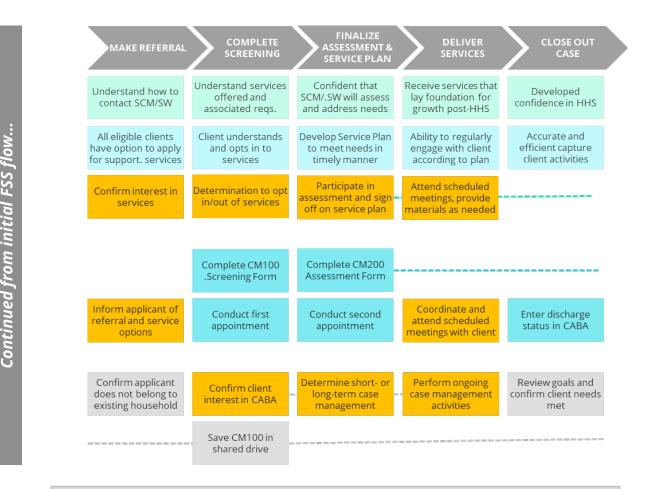
CHALLENGES

- Inconsistencies in client access to technology and lack of self-service options create limitations in service delivery and potentially act as barriers to those truly in need of services.
- 2 Clients experience uncertain and lengthy time on waitlist due to the lack of workload management tools, screening efforts, and an inefficient referral process.
- **CABA's design is not aligned with the supportive services workflow,** creating barriers to digital case management from the field and resulting in offline tools (like service plans and assessments) and dispersed, less accessible client data.

Lack of clear information on what supportive services offer and other client communication

can create confusion about client interest in opting in to services, as well as planning and providing services that truly align with client needs.

What are the Key Challenges in the Current Service Delivery Process?



Please see Appendix B for larger views of the service blueprints.

We've organized a set of recommendations by functional service area to help Travis County address the challenges identified across service delivery, including backstage processes. These have been further prioritized according to relative business need, industry standards, and feasibility in implementation.

Client Intake & Screening

Recommendations related to initial client contact, including digital referrals, accepting documentation, managing appointments, and client portal functionality.

Planning & Providing Services

Recommendations related to organizing, planning, and delivering services, including digital service plans, scheduling, accessing case files in the field, documenting case notes, and using ECMS workflow to process cases.

Assessing Services & Measuring Outcomes

Recommendations related to assessing services and measuring outcomes, including enhanced reporting, digital assessments, and implementation of analytics dashboards.

The recommendations in this report include those designated as higher priority items by FSS stakeholders.

Please see Appendix A in this document to access a spreadsheet of all consolidated recommendations with additional details. The spreadsheet also allows sorting by service area, priority, whether it was prioritized by another division, and alignment with broader HHS goals.

Client Intake & Screening

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS				
	MUST HAVE						
FS-24	Digital document submission	Invest in secure, HIPAA-compliant digital document submission with electronic signature	 Provides a secure, virtual method to capture needed client information Mitigates transportation issues for both clients and staff Supports move to paperless 				
FS-33	Online client appointments	Develop functionality that allows clients to make appointments online through the Travis County website or client portal	 Accommodates client planning and transportation challenges Allows centers and offices to better manage foot traffic Supports better planning for SW field staff 				
FS-45	Client portal validation messages	Include validation messages or notifications in a client portal or digital form, including additional confirmation that a client is looking for SW/SCM services	 Increases the number of accurate, completed applications Assists clients with navigating fields or forms Reduces client screening effort for staff 				
SHOULD HAVE							
FS-48	E Referral alert/task	Generate and assign a task in ECMS for a SW/SCM referral	 Offers an improved, digital hand-off mechanism for SW/SCM referrals Improves response time to client Reduces risk of missed referrals or paperwork 				



Planning & Providing Services

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS		
MUST HAVE					
FS-5	E Digitize forms and notices	Incorporate forms management and generation into ECMS	 Reduces manual, duplicative data entry Reduces errors in generating forms from an external system Improves system navigation for end users 		
FS-9	ECMS scheduling	Incorporate scheduling functionality in ECMS	 Simplifies navigation across tools through integration Allows staff to review client info and schedule appointments in a single application 		
FS-35	E Global case notes	Implement global case notes that can be accessed from anywhere in the active client record for a designated user role	 Improves system navigation for SW/SCM staff to access case notes from any page Assists in understanding client history 		
FS-46	E Digitize Service Plans	Include SW/SCM service plans in the ECMS data collection pages	Supports building a consolidated digital case fileReduces documentation stored outside of ECMS		
SHOULD HAVE					
FS-13	E Task-based case management	Implement task-based management (integration of alerts and tasks in ECMS) to digitize the workflow of case processing	Provides a faster hand-off mechanism for SW/SCM referralsAllows tracking of time spent with client for particular tasks		
FS-42	E Digital case files in the field	Invest in hardware (tablets, mobile phones, or hotspots) along with a responsive ECMS design to support SW field staff with accessing digital case files	 Reduces duplicative data entry from field notes Supports more time in field with clients 		
FS-43	E Field staff productivity	Use ECMS functionality (e.g. manual task creation, appointments) to track staff time spent in the field	 Gathers data to help staff and management understand effectiveness of field work Keeps management informed of SW staff field activities 		
FS-49	Standard video conference platform	Select a standard platform for video conferences for client contacts or internal meetings	 Offers clients with a consistent experience in digital SW or SCM Allows ITS to provide more robust, predictive services 		
(7)	84 Copyright © 2020 Deloitte Development LLC. All rig	Denotes recommendations specific to the			

implementation of ECMS

Assessing Services & Measuring Outcomes

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS		
MUST HAVE					
FS-34	E CMS cross-program reporting	Allow sharing of information (e.g. reports) across programs and stakeholders through ECMS database that aggregates client data	 Offers insight into complete client history, when/where they have received HHS services, and service outcomes Supports collaboration between divisions 		
FS-38	E Dashboards and analytics	Incorporate dashboard features and analytics in ECMS that visualize targeted metrics	 Offers real-time views into client, workload, and worker activity data Allows decision-makers to better understand client outcomes, demands for services, and demographic info 		
FS-47	E Digitize Assessments	Include SW/SCM assessments and associated data in ECMS workflow	 Reduces manual efforts to gather and report on aggregate assessment data Supports a more complete digital client record 		
SHOULD HAVE					
FS-44	E Track application lifecycle	Track application across lifecycle to measure timeliness and inform clients of status (e.g. on waitlist, assessment appointment, check-ins)	 Provides insight into duration of client interaction for SW/SCM services Can be leveraged to provide clients with statuses while participating in services 		



Divisional Recommendations CSD Services

This sections provides an overview of prioritized recommendations that will help CSD address challenges in service delivery, including those across the following programs: Housing/Weatherization, Neighborhood Conference Committee, Deaf & Hard of Hearing Services, Coming of Age, and Summer Youth Employment Program.

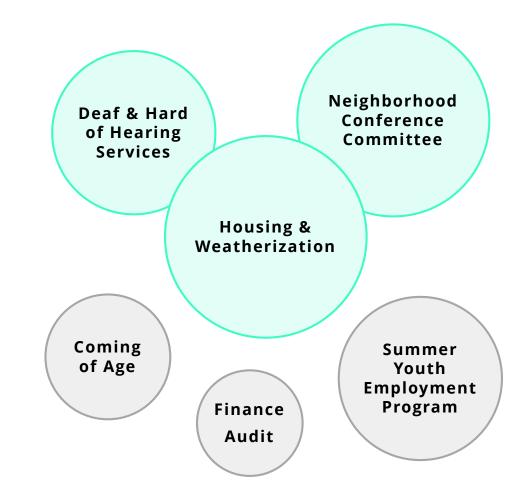
CSD SERVICE DELIVERY

CSD SERVICES OVERVIEW

Why Housing and Weatherization?

CSD's Housing and Weatherization Services were selected for evaluation due to the programs' **complexity** and **use of CABA** for its ECMS.

While assessment of the service blueprint focused on housing, the recommendations are **inclusive of other CSD programs.** Additionally, integrating **challenges and opportunity insights** from Housing and Weatherization Services revealed agency-wide themes for streamlining service delivery.



CSD SERVICE DELIVERY

CSD SERVICES: KEY DELIVERY CHALLENGES

The highlighted boxes in this service blueprint depict specific pain point areas.

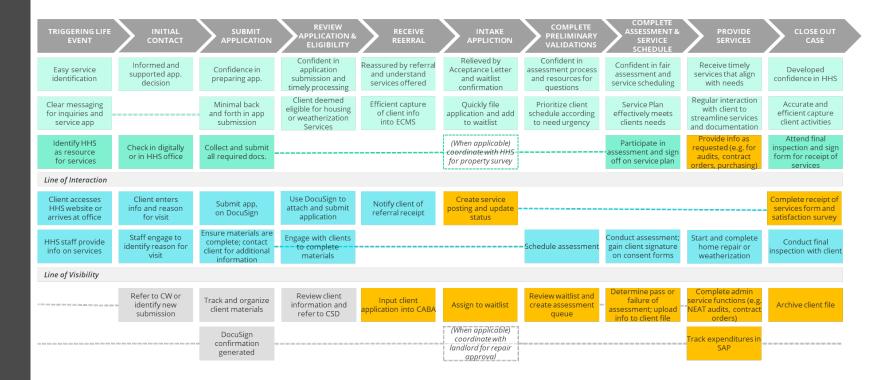
Disparate integration and information management capabilities and tools limit CSD's ability to efficiently engage with its vendors and track performance in service delivery, which can restrict insight into key process challenges in order to resolve them.

CHALLENGES

- Lack of integrated, digital tools creates inefficiencies in information entry and storage, including field workers double-entering handwritten notes that have been taken in the field. Additionally, this can also lead to case notes not being updated as often, limiting their accuracy and efficacy.
- **Lack of system integration with CABA creates inefficiencies**, both for inventory/finances (SAP) and general client information that must be newly input into CSD records, increasing room for error and decreasing visibility into the holistic client lifecycle.
- **Limited vendor management tools impedes visibility into vendor processes**, such as where the vendor is at in the service delivery process, and ability to track performance indicators to obtain insight into vendor efficacy (e.g. knowing if a project is complete or over budget).
- Limited reporting and forecasting capabilities reduces CSD's ability to track and articulate its impact, as well as plan for future surges in service requests.

What are the Key Challenges in the Current Service Delivery Process?

While the blueprint below (and in the Appendix) focuses on housing services, this process reflects challenges across CSD:



Please see Appendix B for larger views of the service blueprints.

We've organized a set of recommendations by functional service area to help Travis County address the challenges identified across service delivery, including backstage processes. These have been further prioritized according to relative business need, industry standards, and feasibility in implementation.

Client Inquiries & Referrals

Recommendations related to client interactions and data, including integrated verification services, automated notices, scheduling, and enhancements for client selfservice.

Delivering & Documenting Services

Recommendations related to worker actions in delivering services, including enhancements to digital case management, additional functionality to support field staff, and capturing client information and documents.

Tracking & Reporting

Recommendations related to monitoring and reporting on services, including integration of SAP with ECMS, dashboards and analytics, and cross-program reports.

The recommendations in this report include those designated as higher priority items by CSD stakeholders.

Please see Appendix A in this document to access a spreadsheet of all consolidated recommendations with additional details. The spreadsheet also allows sorting by service area, priority, whether it was prioritized by another division, and alignment with broader HHS goals.

Client Inquiries & Referrals

ID	RECOMMENDATION	DETAIL	PROGRAMS	VALUE HYPOTHESIS		
	MUST HAVE					
C-36	E Integration of verification services	Integrate business-critical information services into case management system, including income, address, SSN, and citizenship	Housing, NCC, Deaf Services	Reduces manual tasks and efforts to validate client dataSupports accurate eligibility determination		
C-57	7 Spanish language training Invest in training or language classes to support SYEP staff with Spanish-speaking inquiries		SYEP	 Helps staff to better address client needs and questions Improves overall client experience and access to program services 		
		SHOULD HAY	/E			
C-50	Automated receipt of referral	Automate the receipt of referral to send to client (either email or client portal) upon referral task generation from FSS to CSD Housing	Housing	 Reduces manual tasks through automation Offers a mechanism for clients to be notified of their status via e-notice 		
C-9	ECMS scheduling	Incorporate scheduling functionality in ECMS	Housing, NCC, Deaf Services	 Simplifies navigation across tools through integration Allows staff to review client info and schedule appointments in a single application 		
C-59	Online client actions for SYEP	Use Travis County website or online client portal to share training dates and information, as well as RSVP for Job Readiness training	SYEP	 Allows staff to better understand workload and manage class size Offers clients with an online option to RSVP Reduces call inquiries and offline scheduling 		
C-62	Online client actions for Coming of Age	Use Travis County website or client portal to submit inquiries and membership forms	Coming of Age	 Offers clients with an online option to engage program services Reduces call inquiries and offline scheduling 		



Delivering & Documenting Services

ID	RECOMMENDATION	DETAIL	PROGRAMS	VALUE HYPOTHESIS		
	MUST HAVE					
C-35	E Global case notes	Implement global case notes that can be accessed from anywhere in the active client record for a designated user role	Housing, NCC, Deaf Services	Improves system navigation in accessing case notesAssists in understanding client history		
C-5	E Digitize forms and notices	Incorporate forms management and generation into ECMS, including outgoing forms to court (NCC) and the CIF form (Deaf Services)	Housing, NCC, Deaf Services	 Reduces manual, duplicative data entry Reduces errors in generating forms from an external system Improves system navigation for end users 		
C-53	E Inventory functionality in ECMS	Include functionality in ECMS that allows crews in the field to request additional material and obtain approval and delivery of this material.	Housing	 Offers field staff greater independence when working on projects in the field Enables ability to order materials in the field 		
C-54	Enhanced document storage	Implement robust electronic storage capabilities in ECMS for client documents, including Housing J-Drive documents and NCC contracts/amendments	Housing, NCC, Deaf Services	Supports move to fully digital case filesReduces paper and printing costs		
C-63	E Case close functionality in ECMS	Develop new data collection fields to document project close and final inspection for Housing/Weatherization services	Housing	 Supports both program and client accountability by documenting how the job site was left Provides managers with insight into a completed project 		
		SHOULD HA	VE			
C-42	E Digital case files in the field	Invest in hardware (tablets, mobile phones, or hotspots) and an adaptive ECMS design that allow field staff to access digital case files	Housing	Reduces duplicative data entry from field notesSupports the shift to enhanced field service delivery		
C-52	E Digitize field assessments	Incorporate field assessments and associated data in ECMS workflow	Housing	 Allows Housing assessors to capture information more accurately, immediately in the field Reduces duplicative data entry from field notes 		



Tracking & Reporting

ID	RECOMMENDATION	DETAIL	PROGRAMS	VALUE HYPOTHESIS			
	MUST HAVE						
C-4	E Integrate SAP with ECMS	Integrate ECMS with SAP to share invoice, expense, funding, and vendor information	Housing	 Reduces manual tasks for moving invoice or other financial data from one system to another Supports faster delivery of services and materials Allows management to better track and understand project expenditures end-to-end 			
C-38	E Dashboards and analytics	Incorporate dashboard features and analytics in ECMS that visualize targeted metrics	All	 Offers real-time views into client and program data Allows decision-makers to understand service demand, access demographic info, and communicate divisional needs 			
C-34	ECMS cross-program reporting	Allow sharing of information (e.g. reports) across programs and stakeholders through ECMS database that aggregates client data	All	 Supports back-end Housing finance and CEAP processes, including reducing offline reporting and data tracking Offers insight into complete client history and HHS services received, and helps measure outcomes across programs Supports collaboration between divisions 			
		SHOULD HAV	/E				
C-39	E Track application lifecycle	Track application across lifecycle to measure timeliness and inform clients of status (e.g. time on waitlist, field assessment, first appointment)	Housing, NCC, Deaf Services	 Provides insight into service efficiency Can be leveraged to provide clients with status Helps with waitlist management and prevents recertifications 			
C-43	E Field staff productivity	Use ECMS functionality (e.g. manual task creation, appointments) to track staff time spent in the field	Housing	 Gathers data to better understand effectiveness of field work Keeps managers informed of crew activities and project status 			
C-56	Integrate NEAT with ECMS	Integrate SAP with NEAT to share required weatherization information	Housing	 Reduces manual tasks for moving Weatherization audit information from one system to another Reduces duplicative, potentially erroneous records that can occur across multiple platforms 			



Divisional Recommendations OCS Services

This sections provides an overview of prioritized recommendations that will help OCS address challenges in program service delivery, including Family First, Healthy Families, The Children's Partnership, Parenting in Recovery, CRP Reintegration Project, and the Youth & Family Assessment Center.

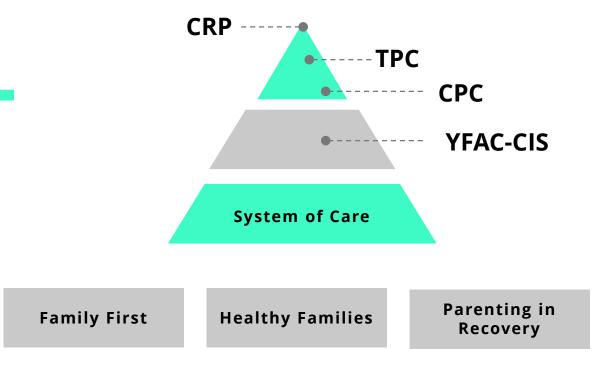
OCS SERVICE DELIVERY

OCS DIVISIONAL SERVICES OVERVIEW

Why a Divisional Perspective?

OCS provides a **continuum of services** for families with a **variety of needs**, all of which must be considered when developing a new HHS client management system **(ECMS)** that aims to aggregate data and measure client outcomes.

Our team adopted a **"divisional perspective"** for OCS to assess how services are delivered overall.



OCS SERVICE DELIVERY

OCS SERVICES: KEY DELIVERY CHALLENGES

The highlighted boxes in this service blueprint depict specific pain point areas.

Unlike many other programs offered within HHS, OCS receives a lot of referrals (instead of applications) and looks to create a continuum of services for children and families. Therefore, capturing and aggregating data to better understand client outcomes, as well as storing and sharing sensitive data (HIPAA compliance) is of up-most importance.

CHALLENGES

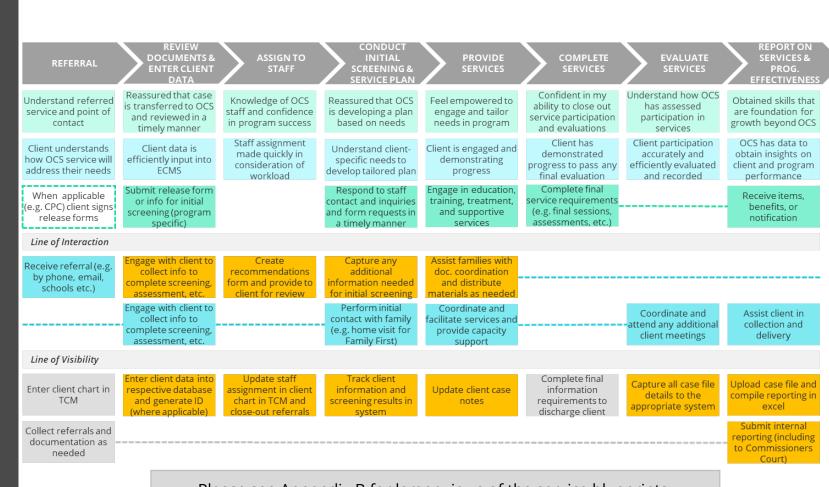
The various systems used by different OCS programs creates challenges in obtaining divisionwide insights regarding client outcomes and division performance.

Differing levels of access to technology for both clients and staff can create barriers to service, including clients getting information from a digital access point and staff needing to access from the field.

Complying with HIPPA requirements during document submission creates an additional layer of complexity in acquiring and sharing client information and documents, including lengthy meetings and other inefficient processes.

Paper-heavy and manual, administrative
 processes produce cognitive overload, inefficiencies, and increased possibilities of human error.

What are the Key Challenges in the Current Service Delivery Process?



Please see Appendix B for larger views of the service blueprints.

We've organized a set of recommendations by functional service area to help Travis County address the challenges identified across service delivery, including backstage processes. These have been further prioritized according to relative business need, industry standards, and feasibility in implementation.

Client Intake & Referrals

Recommendations related to initial client contact and self-service, including accepting digital documentation, providing information on the Travis County website, and development of a client portal.

Case & Program Management

Recommendations related to case management, including enhanced ECMS functionality for Family First, document sharing across partners, and additional support for field staff.

Outcomes Tracking & Reporting

Recommendations related to tracking and reporting on client outcomes, including using ECMS for cross-divisional client inquiry, dashboards and analytics, and enhanced reporting.

The recommendations in this report include those designated as higher priority items by OCS stakeholders.

Please see Appendix A in this document to access a spreadsheet of all consolidated recommendations with additional details. The spreadsheet also allows sorting by service area, priority, whether it was prioritized by another division, and alignment with broader HHS goals.

Client Intake & Referrals

ID	RECOMMENDATION	DETAIL	PROGRAMS	VALUE HYPOTHESIS			
	MUST HAVE						
0-24	Digital document submission	Invest in secure, HIPAA-compliant digital document submission with electronic signature	All	 Provides a secure, virtual method to capture needed client information Helps to mitigate client and staff transportation issues Supports move to paperless 			
		SHOULD HA	VE				
0-25	Automated information response	Develop automated response when information is requested through Travis County website or client portal	Healthy Families, CPC	 Provides clients with information regarding services faster Reduces phone or in-person inquiries 			
O-30	Digitize admin functions	Incorporate administrative functions into case management system where possible, including document upload/scanning and outlook calendar	All	 Streamlines management of incoming data and documents Reduces duplicative data entry and manual tasks Offers a single location to digitally store documents 			
0-67	Online information for partner organizations	Use Travis County website or online client portal to provide clients with referral information and resources for partner organizations	All	Helps direct clients to needed servicesReduces call inquiries			
O-28	Online portal or digital submissions	Develop client portal or online form that allows clients to submit client data (usable through mobile phone and other platforms)	PIR, CPC, TCP	 Improves how client information is shared by offering a digital option Offers clients with easier, user-friendly method to share information 			
0-27	Initial eligibility inquiry	Allow clients to enter basic information through the Travis County website or a client portal to determine services they may be eligible for (without discouraging them from services)	All	 Reduces phone or email inquiries Provides client with information easily and independently 			



Case & Program Management

ID	RECOMMENDATION	DETAIL	PROGRAMS	VALUE HYPOTHESIS		
	MUST HAVE					
O-66	E Automated AAPI outcome	Develop functionality in ECMS that supports automating the AAPI assessment status (i.e. attended, successfully complete, significant accomplishment)	Family First	 Supports effort to fully digitize case files Improves how program outcome data is captured, stored, and analyzed 		
O-68	Convert Family First Data to ECMS	Perform conversion of existing AAPI assessment data into ECMS without duplication	Family First	 Allows existing client assessments and information to be captured in ECMS Reduces possibility of duplication and errors 		
O-69	E Digital Family First case file	Include all necessary fields in ECMS to include client information and AAPI record into a single digital case file	Family First	 Supports effort to fully digitize case files Supports improved reporting for Family First from ECMS 		
		SHOULD HA	VE			
O-65	E Secure document sharing	Use ECMS to share and track documents with external partners that complies with HIPAA requirements	All	 Provides a single, shared access point to access secure documents Streamlines document sharing Supports move to paperless 		
O-70	Field staff support	Invest in hardware (tablets, mobile phones, or hotspots) and or other tools that support staff in the field	All	 Improves worker experience while in the field Supports the shift to enhanced field service delivery, including documenting interactions on-the-go 		



Outcomes Tracking & Reporting

ID	RECOMMENDATION	DETAIL	PROGRAMS	VALUE HYPOTHESIS
		MUST HAV	E	
O-34 ECMS cross-program reporting Allow sharing of information (e.g. reports) across programs and stakeholders through ECMS database All that aggregates client data that aggregates client data		 Supports collaboration between divisions Provides a mechanism to integrate all OCS program assessment data into a single place Enables HHS to benchmark against identified outcomes 		
O-38	E Dashboards and analytics	Incorporate dashboard features and analytics in ECMS that visualize targeted metrics	All	 Offers real-time views into client and program data Allows decision-makers to understand service demand, access demographic info, and communicate divisional needs
		SHOULD HA	VE	
O-10	E Unified client records	Structure household data and program information for a given application around a unique client ID in ECMS	All	 Provides a mechanism to connect client records across programs, divisions, and systems Offers OCS with the ability to perform enhanced system queries to better understand client history

Divisional Recommendations ITS Services

This sections provides an overview of prioritized recommendations that will help ITS address challenges in supporting HHS, including the existing change request process and coordinating ongoing development services between HHS and the future ECMS system vendor.

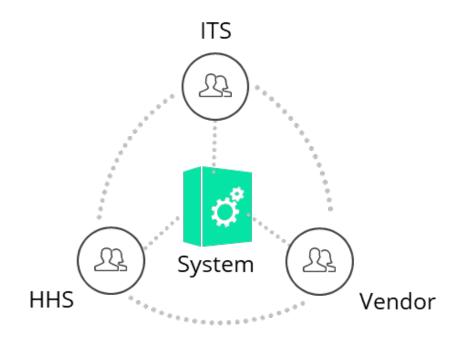
ITS SERVICE DELIVERY

ITS SERVICES OVERVIEW

Why a Customer Perspective?

ITS Services supports and manages **a variety of software applications**, including CABA and the upcoming ECMS, that deliver programs and services to HHS clients.

Through the lens of **"HHS as a customer"**, ITS can implement recommendations that look to connect all stakeholders, **streamline how change requests or system modifications are managed**, and include HHS end-to-end in the product development process.



ITS SERVICE DELIVERY

ITS SERVICES: KEY DELIVERY CHALLENGES

The highlighted boxes in this service blueprint depict specific pain point areas.

ITS can improve how it provides services to HHS by implementing tools and procedures that will not only help them manage CABA right now, but will help define the process and stakeholder interactions for the ECMS implementation.

CHALLENGES

An undefined change request process creates challenges in implementing system modifications in terms of prioritizing, tracking, and approving changes in a way that keeps HHS and system vendor stakeholders involved throughout development.

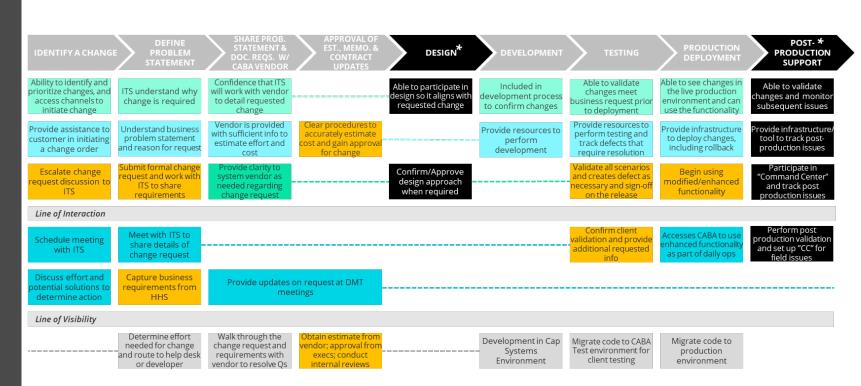
A lack of tools or templates results in manual tracking of changes, using non-standard templates, and gathering requirements in various formats that could result in traceability issues during testing and defects logging.

Having no dedicated system administrator has created challenges in terms of dependency on vendor bandwidth, not taking advantage of system configurability, and potentially resulting in more costly than necessary modifications.



Communication inconsistencies and lack of dedicated post-production procedures impacts system users and management staff awareness for release planning, as well as preventing a clear process to report and resolve issues.

What are the Key Challenges in the Current Service Delivery Process?



*Design & Post-Production steps are not explicitly identified in the current state and hence color coded differently

Please see Appendix B for larger views of the service blueprints.

We've organized a set of recommendations by functional service area to help Travis County address the challenges identified across service delivery, including backstage processes. These have been further prioritized according to relative business need, industry standards, and feasibility in implementation.

Receiving Requests

Recommendations related to receiving change requests or initiating system modifications, including streamlining the CR and ticket submission processes, designation of an ECMS system admin, and growing the responsibilities of the current CCB.

Planning & Documenting Changes

Recommendations related to planning and documentation, including formalizing CR and LOE templates, as well as enhancing the requirements gathering process for all stakeholders.

Coordinating Development & Release

Recommendations related to facilitating development activities and release planning, including standardizing post-production activities, ensuring ECMS has high configurability, coordinating system training, and implementing new SDLC activities and tools.

The recommendations in this report include those designated as higher priority items by ITS stakeholders.

Please see Appendix A in this document to access a spreadsheet of all consolidated recommendations with additional details. The spreadsheet also allows sorting by service area and priority.

Receiving Change Requests

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS		
		MUST HAVE			
I-72	Streamline help desk/ticket resolution processes	Develop clear, predictable processes that allow HHS to submit tickets with all necessary details for resolution	 Allows HHS to better access ITS expertise Improves response times and efficiency in resolving system issues 		
I-75	ECMS system administrator	Designate an HHS system admin for ECMS	 Allows HHS to directly and independently make changes to system to support business processes Enhances ITS and HHS coordination Ensures system is more-aligned with HHS business needs 		
I-79	Streamline change request process	Develop processes and tools that prioritize, track, and manage change requests from beginning to end	 Provides HHS with a predictable, standardized process to submit change requests Offers a structure to prioritize changes that better align with business needs 		
	SHOULD HAVE				
I-80	Enhance HHS CCB responsibilities	Use the existing HHS Change Control Board to assess and prioritize potential change requests before formal submission	 Empowers HHS to prioritize changes that better align with business needs Prevents low priority or extraneous change requests from submission 		



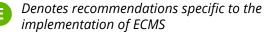
Planning & Documenting Changes

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS
		MUST HAVE	
I-81	Change request template	Develop a change request template that allows HHS to clearly state business problem and high-level changes needed	 Helps ITS and system vendors capture details early to better plan for system changes Provides HHS with a predictable, standardized process to submit change requests
		SHOULD HAVE	
I-77	Vendor LOE template	Develop standard template for system vendor to complete level of effort estimate and quote	 Holds system vendor accountable in providing accurate details and cost estimates Sets up consistent expectations around documentation
I-78	Invest in requirements software	Develop a tool or software platform to track requirements	 Provides an accessible repository and baseline for all implemented requirements Supports accountability and alignment of HHS systems meeting business-approved requirements Supports end-to-end project management and monitoring of the software development lifecycle
I-83	Enhance requirements gathering methods	Develop process in which HHS, ITS, and system vendor stakeholders participate in requirements sessions, with HHS providing formal sign-off of requirements	 Creates a forum in which all stakeholders can capture all necessary details for a system modification Encourages alignment between HHS and system vendor before development begins



Coordinating Development & Release

ID	RECOMMENDATION	DETAIL	VALUE HYPOTHESIS		
	MUST HAVE				
I-71	Improve communication regarding system updates	Define clear maintenance and release communications (e.g. schedule, release notes) to all system users and management staff	Provides business users with details of new changesHelps HHS in planning work around changes		
I-74	Prioritize ECMS configurability	Ensure that ECMS has robust configuration functionality that allows an HHS system admin or ITS to make changes to the system	 Reduces the need for code changes Supports long-term maintenance of ECMS Reduces "work arounds" and other short-term solutions 		
I-84	Standardize command center procedures	Implement standard procedures to set up "command centers" to monitor and address post-production issues	Allows HHS to perform post-production validationEnsures that defects/issues are addressed quickly		
I-85	Implement M&O procedures	Define post-production procedures following ECMS rollout (e.g. track issues, defects, resolution steps)	 Ensures defects, issues, and required changes are addressed before ECMS vendor turns over M&O to ITS Supports knowledge transfer of ECMS maintenance to ITS 		
I-86	Help coordinate system training	Coordinate with HHS business stakeholders and testers to develop and deliver training as needed	Supports faster adoption of new functionality by business usersReduces help desk tickets or user inquiries		
		SHOULD HAVE			
I-76	Invest in testing software	Develop a tool or software platform track testing efforts (e.g. scenarios, success, steps, defects)	Captures all validation data prior to releaseSupports end-to-end project management and SDLC monitoring		
I-82	Release readiness testing	Include a "release readiness" testing process for regression testing	 Ensures newly released functionality does not have downstream impacts on existing functionality Offers additional validation that code is ready for production 		
I-87	HHS product demos	Implement product demonstrations with HHS during development to confirm that the changes are still aligned with business needs	 Allows HHS to confirm business requirements are being met Keeps HHS informed of product development and design 		
I-91	Daily development meetings	Institute daily touchpoints (stand-ups) that allow HHS and ITS to remain engaged in product development	 Keeps HHS informed of progress during development Provides forum for ITS and system vendor share statuses and respond to potential roadblocks 		
	56 Convright © 2020 Deloitte Development II C. All rig	ate reconved	Denotes recommendations specific to the		



Efficiency & Performance Metrics

This section includes a set of recommended metrics HHS can employ that are aligned with key business drivers and HHS' overall goals. As HHS implements recommendations moving forward, these metrics will assist in measuring outcomes and developing data-driven insights.

WHAT BUSINESS DRIVERS ARE HIGHEST PRIORITY FOR HHS?

The following themes were identified as areas where HHS can measure efficiency and performance as it looks to achieve its future-state goals:





EFFICIENCY METRICS

IMPROVE CLIENT EXPERIENCE & SATISFACTION

Target Outcomes

Metrics for Measurement

- Improve accessibility to information and services
- Reduce time on waitlist
- Improve how services or benefits are delivered
- Implement customer service measures
- Reduce lobby traffic in centers
- Align service delivery with expectations

- Average wait time between initial check-in through client need addressed
- Number of call drop rate or wait time per day
- · Number of client touches during service delivery
- Number of days/weeks/months to receive benefits or services
- Number of attempts to set up an appointment
- Number of submissions through digital channels versus phone, email, in-person
- Traffic on Travis County website by program and abandonment rate
- Standardized customer satisfaction measures across all programs
- Percentage of clients opting into digital notices

Representative Industry Benchmarks*

- **75%** of clients submitting digital applications at an HHS agency
- **20%** of clients opting in to receive e-notices only at an HHS agency
- Government agencies have a customer satisfaction rate around **70-75%**
- **48-72 hour** response time to address housing repair crisis per federal requirements
- Average time to complete in-bound telephonic interview time **15-25 minutes** at an HHS agency

IMPROVE WORKER EXPERIENCE & SATISFACTION

Target Outcomes

Metrics for Measurement

- Reduce time spent on administrative tasks versus client facing interactions
- Provide a more collaborative and trusting environment
- Develop worker skill sets for future operations

- Time spent on designated system tasks (intake, data collection, eligibility)
- Relative caseload or workload by role
- Time spent in a given role or level
- Standardized worker satisfaction measures, performance evaluation, and reviews
- Year-over-year turnover
- Percentage of staff working virtually
- Hours spent in professional development or training

Representative Industry Benchmarks*

- Average **40-50%** of time spent on administrative tasks per cross-industry review
- 40-50 hours of annual professional development hours recommended
- Government agencies average annual turnover rates around **15-20%**

EFFICIENCY METRICS

OPTIMIZE SERVICE DELIVERY

Target Outcomes

Metrics for Measurement

Increase worker productivity

- Evaluate staff performance against division/center goals
- Evaluate vendor performance against division/center goals
- Identify underlying issue that impacts staff/vendor productivity
- Understand workload constraints or bottlenecks

- Average completion time per task (app received, intake complete, eligibility determined, benefits received) by staff
- Average productive hours per staff by week (hours spent on work tasks; excludes meetings, trainings, breaks, PTO, etc.)
- Total assessments completed per day by staff
- Average audit completion time by staff
- Average vendor response time per application
- Total hours reported by vendor/contractor against estimate
- Number of contract adherences prior and after deadline

Representative Industry Benchmarks*

- **81%** of household receiving LIHEAP support in Texas include a vulnerable member
- Timeliness to process SNAP application defined as within **30 days**‡
- **85%** of SNAP applications processed timely at an HHS agency[‡]
- **95%** of TANF applications processed timely at an HHS agency‡
- Averaging **30 productive hours** per week at an HHS agency

ENHANCE PLANNING & BUDGETING

Target Outcomes

Understand workload across centers and programs

- Understand client demand for services
- Understand demographics changes in Travis County
- Optimize center infrastructure and space
- Reduce overtime spending
- Reduce paper/supply spend

- **Metrics for Measurement**
- Total applications received, percent approved, and percent processed
- Total referrals between programs, across divisions, and to external partners
- Number of unique clients or families served by program (monthly, yearly)
- Demographic and location statistics year-over-year (gender, age, ZIP code)
- Aggregate household demographics by program, division, and HHS overall
- Average number of clients on the waitlist by program or center (monthly)
- Expected eligibility of general population versus number of clients served
- Average expenditure/benefit amount per application and by program
- Total overtime hours/cost by program and division
- Total cost of printing and supplies by program and division

Representative Industry Benchmarks*

- **25%** increase in demand for FSS services from 2019 to 2020
- **97%** of eligibility decisions determined to be accurate at an HHS agency
- **42%** of people income eligible for SNAP in Travis County have not enrolled[‡]

\$SNAP/TANF included here as a comparison to FSS Direct Services due to the similar transactional nature of service delivery.

EFFICIENCY METRICS

IMPROVE CLIENT OUTCOMES & PROGRAM PERFORMANCE

Target Outcomes	Metrics for Measurement	Representative Industry Benchmarks*
 Understand complete client history Continue to track clients post-completion of services Determine client success Evaluate program performance 	 Types of HHS services received prior to active application or referral Number of prior applications, referrals, client touches Categorize and track level of crisis/need for services Categorize and track level of care received (e.g. financial support, case management, social work, clinical support) Aggregate program evaluation/assessment data Standard scale for client success post-service delivery Number of clients served year-over-year (recurring clients) Percent of pass/fail on program evaluations or assessments Percent of cases that pass/fail quality assurance (QA) tests Recidivism rate for clients that have received certain services 	 86% of adults in a given year maintained or increased income for a county rental assistance program 75% of SNAP recipients in Texas are recurring clients 95% of TANF recipients in Texas are recurring clients 20% of children in Travis County experience food insecurity

Representative benchmarks are intended to provide context around how similar organizations look to measure success for particularly business drivers.

Travis County HHS' Research & Planning division currently defines some of these goals and additional internal validation and analysis should be performed to identify benchmarks that align with operational outcomes and overall HHS goals.

\$SNAP/TANF included here as a comparison to FSS Direct Services due to the similar transactional nature of service delivery.

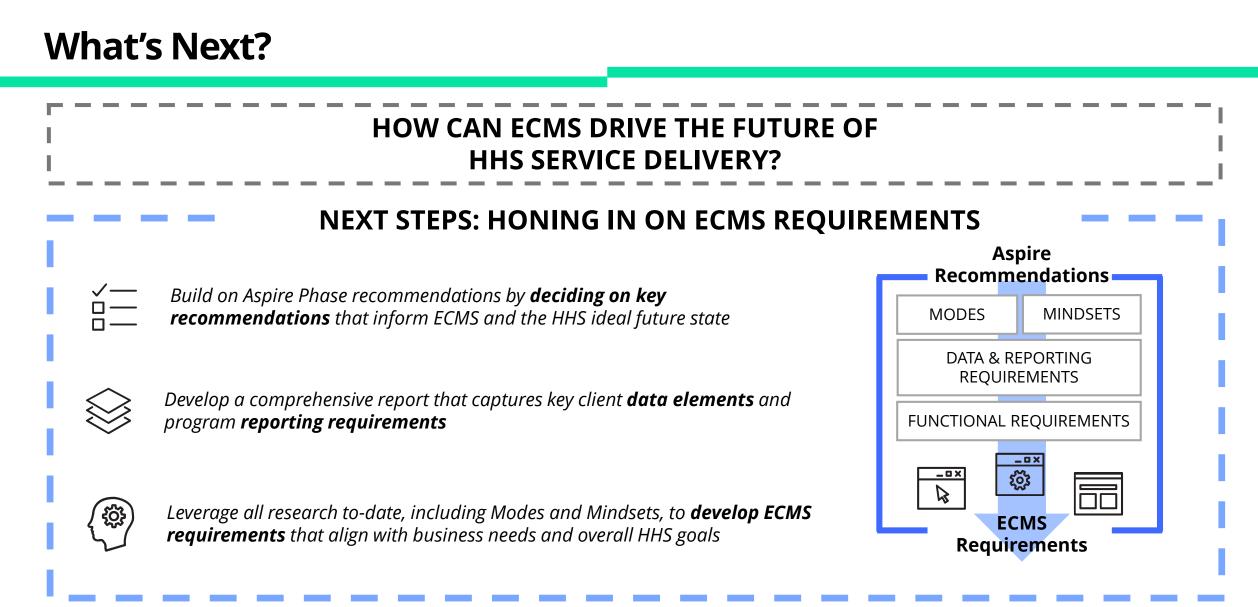
Next Steps

Analysis and outputs from the Aspire Phase, including the Ambitions Lab, prioritized recommendations, and suggested metrics from this report will directly inform the ECMS requirements in the final Decide Phase of this work.

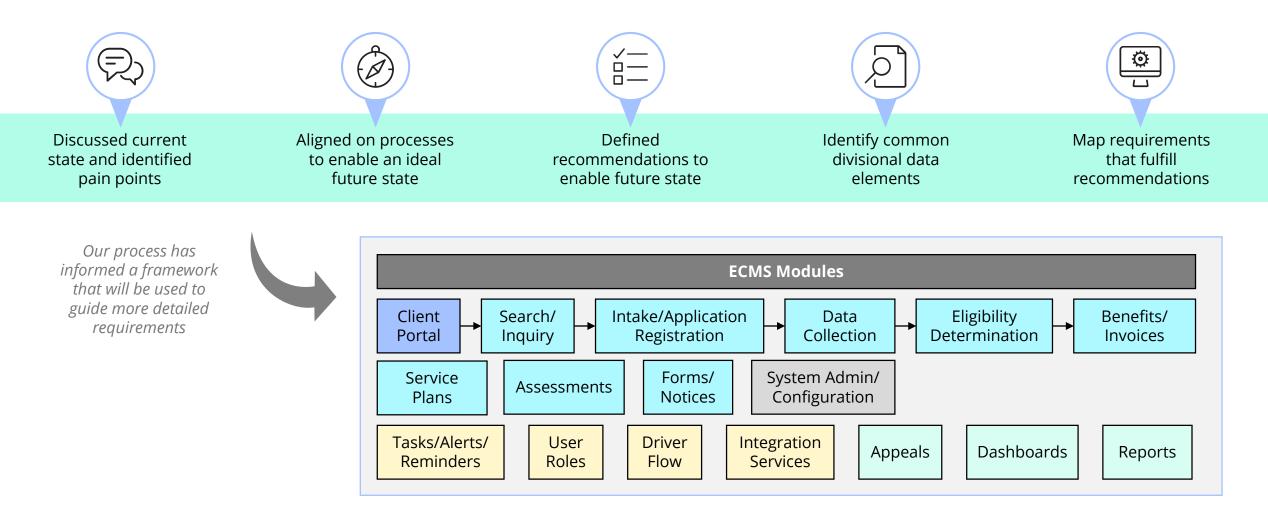
NEXT STEPS

Project Approach & Activities

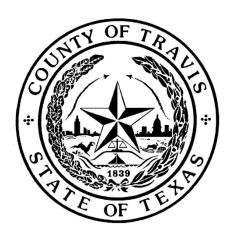
	SENSE Months 1-3	ASPIRE Months 3-7	DECIDE Months 7-11
Project Management	✓ Establish Project Governance✓ Develop Project Management Plan	 ✓ Continue Project Management ✓ Design Project Governance ✓ Deliver Ambitions Lab 	 Continue Project Management and Pilot Governance Capture Lessons Learned and Conduct Project Closeout
Business Process Assessment	 ✓ Perform Stakeholder Interviews ✓ Review Procedural & Operational Documentation ✓ Develop As-Is Business Process Maps 	 ✓ Assess Improvement Opportunities & Identify Future-State Recommendations ✓ Hold Future-State Sessions 	 Finalize Future-State Recommendations & Next Steps
System Discovery	 ✓ Explore CABA System Functionality & Understand Technical Components ✓ Hold Discovery Sessions to Map CABA Functionality 	 ✓ Begin Documenting Program Data Elements & Reporting Requirements ✓ Capture High-Level ECMS Functionality 	 Confirm ECMS Data Elements and Reporting Requirements Hold Discovery Sessions to Document ECMS System Requirements
Service Design	 ✓ Perform User Research & Center Observations ✓ Develop Modes/Mindsets & Journey Maps 	✓ Service Design Planning✓ Draft Service Blueprints	 Prototype ECMS Design & Develop Wireframes/Mockups
Deliverables	 ✓ Project Kick-off ✓ PM Plan ✓ Task 1: Business Process Review and Documentation: ✓ Current-State Insights Report ✓ Business Process Flows 	 ✓ Task 3: Efficiency Assessment ✓ Efficiency Assessment & Recommendations Report 	 Task 2: Data Mapping & Reporting Requirements Task 4: System Requirements & Design Document Project Closeout



ECMS is Beginning to Take Shape



Deloitte.



Thank you.

JR Ruiz Contact: jrruiz@deloitte.com

Eric Egan Contact: eegan@deloitte.com

Kelley Schneider Contact: kellschneider@deloitte.com Mayra Marquez Contact: maymarquez@deloitte.com

Katherine Jones Contact: kathjones@deloitte.com

Prasanna Nagarajan Contact: pnagarajan@deloitte.com

CONSOLIDATED HHS RECOMMENDATIONS SPREADSHEET

The attached spreadsheet provides additional details for all consolidated recommendations identified in the Aspire Phase. The HHS-wide recommendations are sortable by the defined columns below.



Recommendation	Description	Value Hypothesis
Provides a short description/name for the specific recommendation in that row.	Provides a concise description of the recommendation focusing on an identified piece of ECMS functionality or operational enhancement.	Describes expected added value to business outcomes, including addressing client and worker needs, improving process efficiency, enhancing technology capabilities, standardizing processes, and simplifying workflows.

Divisions	Improvements to Service Delivery	HHS Goals
Designates when a particular division benefits from implementing the respective recommendation.	Designates when the recommendation offers improvement to a particular service delivery area.	Designates when the recommendation satisfies one or more of the HHS Goals defined from the Ambitions Lab.

CONSOLIDATED DIVISIONAL RECOMMENDATIONS SPREADSHEETS

The attached spreadsheet provides additional details for all consolidated recommendations identified in the Aspire Phase for FSS Direct Services, FSS Supportive Services, CSD, OCS, and ITS. These recommendations are sortable by the defined columns below and have been prioritized using the MoSCoW method according to relative business need, industry standards, and feasibility in implementation.

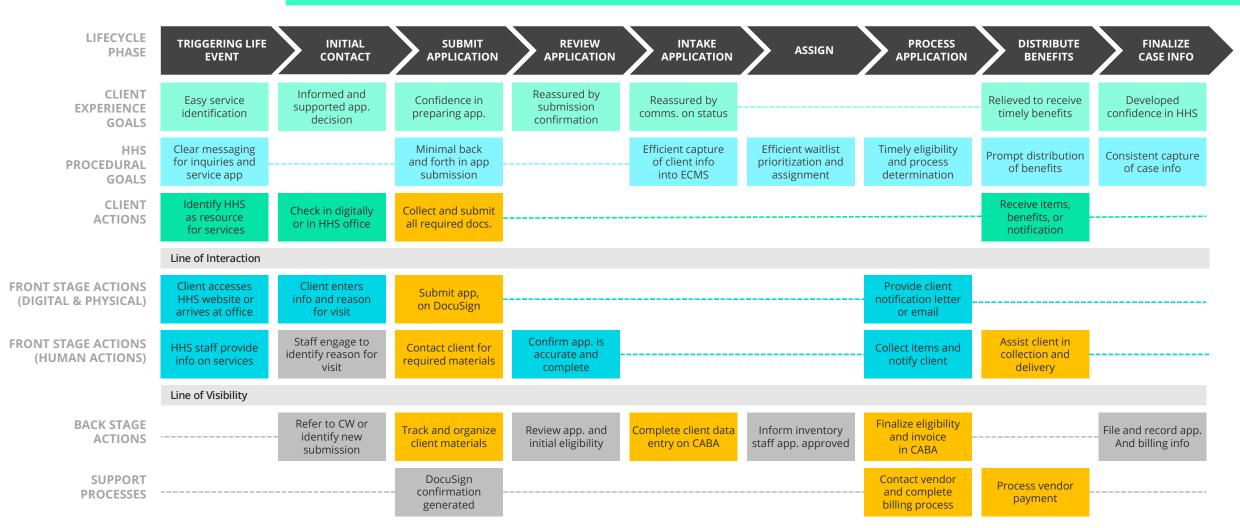
MoSCoW Prioritization

Must Have	Recommendations that have been determined as non-negotiable according to business needs	Could Have	Recommendations that would be nice to have, but have a small impact if left out	Attachment —
Should Have	Recommendations that are not vital, but add significant value	Will Not Have	Recommendations that are not a priority for this specific time frame	Consolidated Recommendations

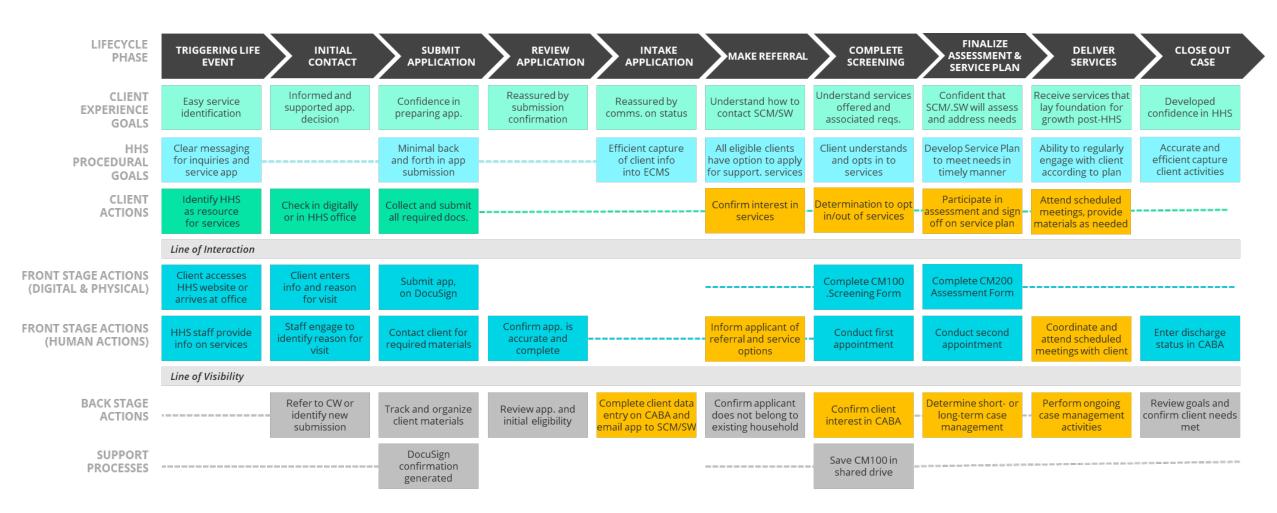
ID	Recommendation	Description	Considerations	Value Hypothesis
Provides a unique identifier for the recommendation.	Provides a short description/name for the specific recommendation in that row.	Provides a concise description of the recommendation focusing on an identified piece of ECMS functionality or operational enhancement.	relevant considerations in implementing (when	Describes expected added value to business outcomes, including addressing client and worker needs, improving process efficiency, enhancing technology capabilities, standardizing processes, and simplifying workflows.

Service Area	Туре	Priority	HHS Goals
Designates which functional service area the recommendation aligns with for a given division.	specifies whether this recommendation	Designates the MoSCoW priority described above.	Designates when the recommendation satisfies one or more of the HHS Goals defined from the Ambitions Lab.

FSS DIRECT SERVICES: CURRENT STATE CHALLENGES

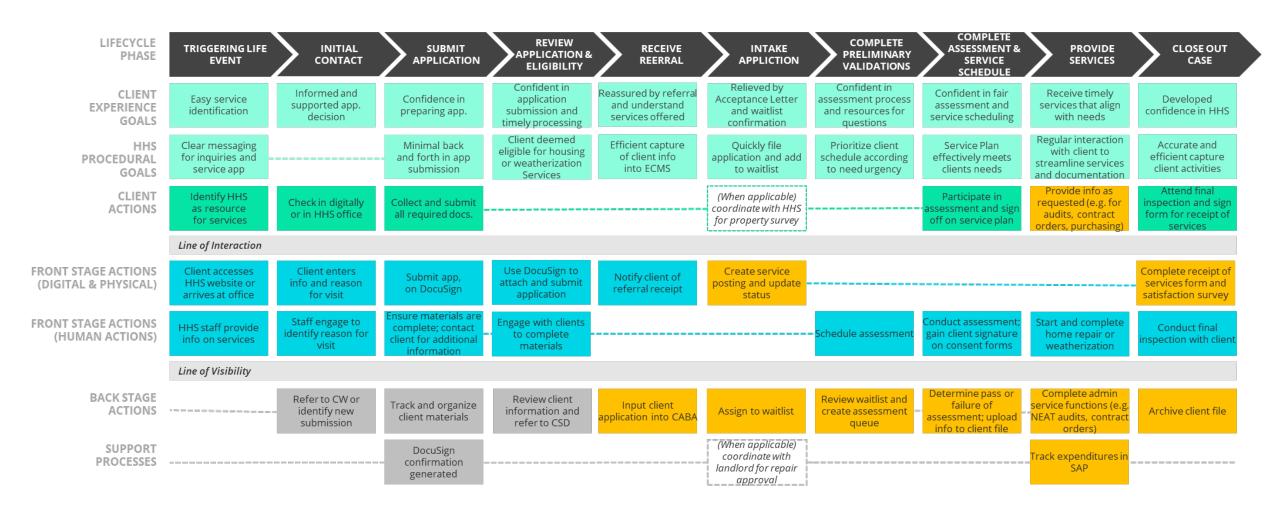


FSS SUPPORTIVE SERVICES: CURRENT STATE

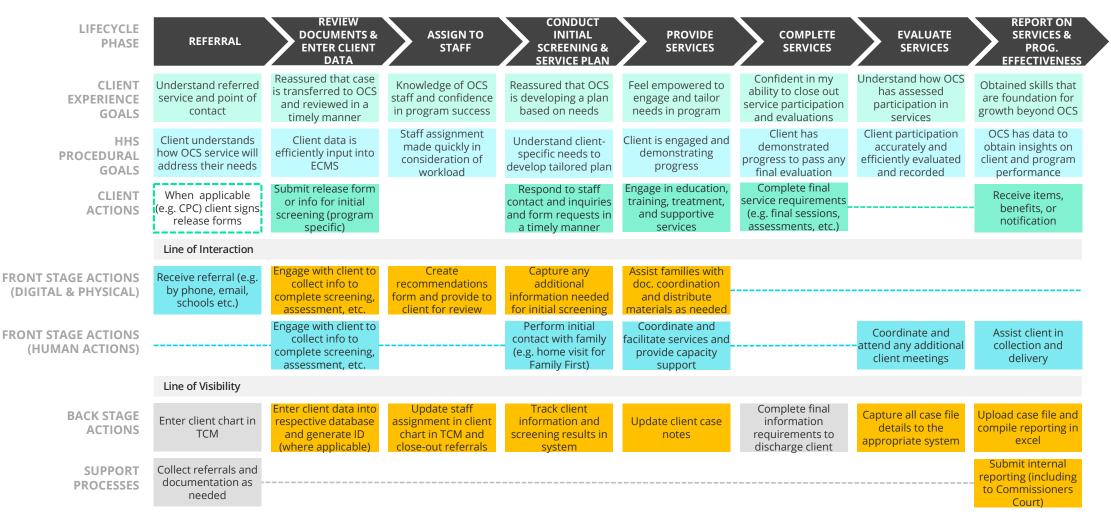


70 | Copyright © 2020 Deloitte Development LLC. All rights reserved.

CSD HOUSING SERVICES: CURRENT STATE



OCS OVERALL SERVICES: CURRENT STATE



ITS SERVICES: CURRENT STATE

