



## Information Technology Steering Committee (ITSC) Meeting

October 10, 2024, 1:00 p.m.

1151 Punchbowl Street, Conference Room 410, Honolulu, Hawaii 96813

This meeting will be conducted remotely. Members of the public may participate via interactive conference technology (ICT) or in person at the physical meeting location indicated above.

[Click here to join the meeting](#)

Meeting ID: 221 227 579 86

Passcode: DbGpZG

**Or call in (audio only)** [+1 808-829-4853,,53005186#](#)

Phone Conference ID: 113 551 988#

### AGENDA

I. Call to Order; Roll Call

II. Public Testimony

Individuals may provide oral testimony at the meeting or submit written testimony in advance, via e-mail to [ets@hawaii.gov](mailto:ets@hawaii.gov), Subject: *ITSC Testimony*, or deliver to 1151 Punchbowl Street, B10, Honolulu, HI, 96813. Oral testimony will be limited to three minutes per person or organization per agenda item.

III. Legislative Updates

IV. State Information Technology Strategic Plan Update

V. Modernization Projects Update

- a. Enterprise Financial System (EFS) Update
- b. Hawaii Annual Code Challenge (HACC) Update

VI. ITSC Governance

- a. Committee Nominations for Vice Chair
- b. Committee Member Terms

VII. Frequency of Committee Meetings

VIII. Good of the Order

- a. Announcements
- b. Next Meeting: To be Determined

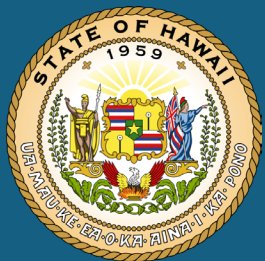
IX. Adjournment

This interactive conference technology meeting will allow closed caption transcription to be activated by participants.

The ITSC meeting packet will be available at <https://ets.hawaii.gov/it-steering-committee/>.

Auxiliary Aid or Accommodation Due to a Disability

If you require an auxiliary aid/service or other accommodation due to a disability, contact Joanna Lee at (808) 586-6000 or email [ets@hawaii.gov](mailto:ets@hawaii.gov) as soon as possible. Requests made as early as possible have a greater likelihood of being fulfilled. Upon request, this notice is available in alternate/accessible formats.



# Enterprise Financial System Project Overview

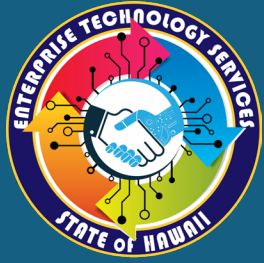
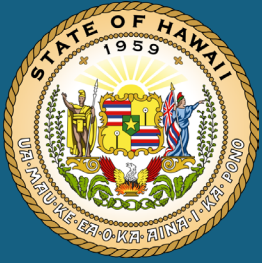
Presented by:

Brian Frey, Enterprise Program Manager

Greg Dalin, HIMOD Program Manager

State of Hawai'i

Office of Enterprise Technology Services – Ke'ena Ho'olana 'Enehana



# EFS Project Vision



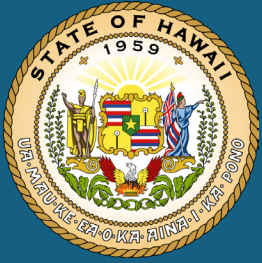
Enterprise Financial System (EFS) is a **business transformation project** that replaces and improves upon FAMIS, the State's 55- year-old finance system.



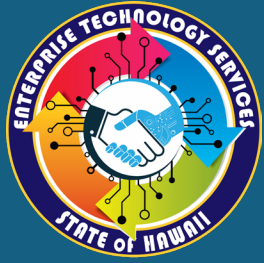
The new system will be supported by modernized technology and the latest in cybersecurity best practices.



It will accurately record and report financial transactions for the State of Hawaii and will unify traditionally separate IT systems and processes into an integrated financial management system used across State government.



# EFS Project Objectives



## 1. Business Process Reengineering

- **Objective:** Refine and enhance current processes through targeted reengineering activities utilizing best practices

## 2. Uniform Chart of Accounts (UCOA)

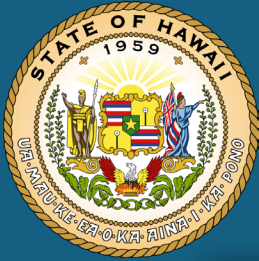
- **Goal:** Implement the developed UCOA structure statewide to standardize financial reporting.

## 3. Statewide Financial System Integration

- **Strategy:** Update and integrate financial data across the State with a modern financial system for comprehensive management.

## 4. Leveraging Lessons Learned

- **Approach:** Utilize insights from past implementations within Hawaii and other states to optimize financial management systems.



# Overview of Current State FMS



```

Processes: 123 total, 3 running, 120 sleeping, 556 threads          08:36:09
Load Avg: 1.75, 1.53, 1.49  CPU usage: 25.88% user, 28.23% sys, 55.62% idle
SharedLibs: 3908K resident, 5760K data, 0B linkedit.
MemRegions: 44714 total, 3369M resident, 77M private, 119M shared.
PhysMem: 921M wired, 5259M active, 758M inactive, 6949M used, 1243M free.
VM: 2386 vsz, 1034M framework vsz, 4797522(2) pageins, 0(0) pageouts.
Networks: packets: 581628/454M in, 462610/68M out.
Disks: 229509/3409M read, 418661/7924M written.

PID  COMMAND      %CPU  TIME    #TH   #WO   #POR  #MREG  RPRVT  RSHRD  RSIZE
1477  top            12.9  00:01.38 1/1   0    24    33    1428K+ 244K  1998K+
1466- cvmsComp_i38  0.0   00:00.04 1     0    18    36    1116K  9528K  5760K
1463  bash          0.0   00:00.00 1     0    17    25    296K   856K   968K
1462  login         0.0   00:00.01 1     0    22    62    616K   3200K  2448K
1459  cvmsComp_x86  0.0   00:00.03 1     0    18    34    1592K  9528K  6220K
1486- Cathode      8077  00:10.88 5     2    127   267   29M+   92M+   65M+
1484  launchd      0.0   00:00.00 2     0    37    46    236K   428K   660K
1482  quicklookd   0.0   00:00.48 6     2    88-   155   21M-   17M   59M-
1481  oespd        0.0   00:00.01 2     0    42    40    736K   3192K  2152K
1480  mdworker     0.0   00:00.06 3     1    48    67    1636K  16M   4284K
1294- Google Chrom 0.3   00:42.07 4     1    93    778   49M   89M   80M
1267- DashboardCli  0.0   00:01.27 5     2    128   228   14M   26M   21M
1266  DashboardCli 0.0   00:02.39 5     2    129   330   40M   43M   97M
1192- Google Chrom 0.8   00:10.10 4     1    93    348   19M-   87M   43M-
1014  dd            0.0   00:00.00 1     0    14    23    180K   240K   436K

```

## FAMIS (Financial Accounting Management Information System)

- **Technology:** COBOL/Mainframe-based system developed in the late 60s.
- **Function:** Primary source for state financial data; crucial for ACFR reporting.
- **System Update:** Recently transitioned to IBM's Mainframe-as-a-Service to address on-premises hardware issues.

## Data Mart

- **Usage:** Predominantly used by state departments for reporting.
- **Data Handling:** Updated via batch files from FAMIS daily; integrates data from various state systems.
- **Infrastructure:** Hosted on an IBM DB2 database on the mainframe

## Integration with Other Departments

- **System Interaction:** Various departments operate separate financial apps, leading to fragmented data management.
- **Data Exchange:** Numerous vendor and in-house interfaces developed with FAMIS, facilitating two-way data exchange.

DATAMART SIT
Gordon Takai

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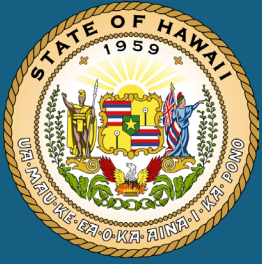
**Welcome back to the Datamart, Gordon!**

- To navigate through the *Datamart Application* use the *menu* at the top of the page.
- This menu will be available on every page enabling you to easily switch between sections.
- Hold the mouse over any of the menu topics. If available, a drop down list will appear displaying it's sub
- Then proceed to select the sub-topic you wish to view, by clicking on it with the mouse.
- You can always return to the home page (this page) by clicking on the 'DATAMART' text in the upper le
- To change your password hover over your name and select *Change Password* from the drop down list.
- To logout of Datamart click *Logout* in the upper right.

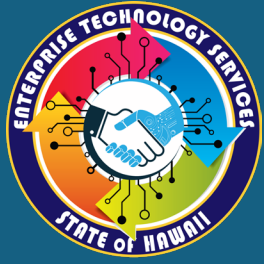
Your User Account:

User Name: htakagk  
 Department: H  
 Security Level: Department User,  
 UserGroup(s): Famis User, PDF Famis, FAMS User, FAMS Intake,





# EFS Project Update: Transition and Funding



## Vendor Transition

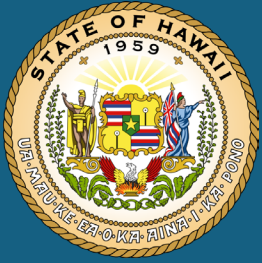
- The contract with the previous vendor was terminated in July 2023 due to unsatisfactory progress.

## Strategic Consultation

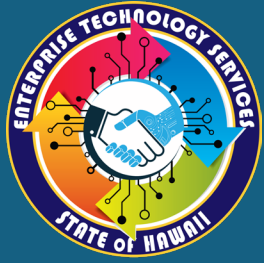
- Gartner has been engaged to assist in developing a comprehensive RFP. Their expertise will guide the selection of a new system and implementation partner.

## Financial Commitment

- Act 230, SLH 2024: A significant \$31 million investment was made to start the EFS project, emphasizing the state's commitment to modernizing its financial management infrastructure.



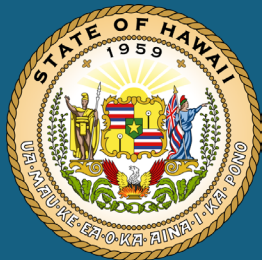
# Phase 1: Laying the Groundwork (Q1 – Q3 2024)



## The Beginning of Our Journey:

- **Understanding Needs:**
  - Engage with executive branch departments and agencies to identify and refine requirements.
  - Analyze and document current processes to ensure a smooth transition to the new system, using best practices.
- **Developing the RFP:** Craft a competitive RFP to attract top-tier vendors.



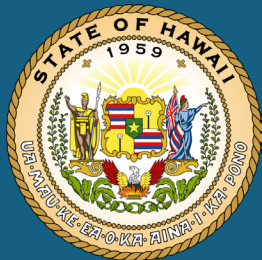


# Phase 2: Selecting the Right Partners (Q4 2024 – Q2 2025)



## Inviting Solutions:

- **RFP Publication:** Open the floor to qualified vendors.
- **Rigorous Evaluation:** Assess proposals to find the best fit for Hawaii.
- **Securing Partnerships:** Formulate contracts that ensure value and success.



# Phase 3: Implementation & Kickoff (Q2/Q3 2025)



## Initiating Change

- **Contract Vendor and System Implementation Partner:** Planned contracting
- **Project Kick-Off:** Scheduled initiation
- **Collaborative Schedule Development:** Partnership in planning the project timeline with defined milestones

# Financial Management Capabilities Define EFS Scope

**LEGEND**

Level 0  
 Level 1 – In Scope

Capabilities shared between  
 EFS and SPO Aloha eBUYS

Not to be included in project scope.  
 Existing Payroll and  
 new State Budget system

Footnotes:  
 1 – interface to HIP Payroll  
 2 – interface to Budget system  
 3 – interface to SPO Aloha eBUYS

**Manage Core Accounting**

Perform General Accounting	Manage Billing & Accts. Receivable	Manage Accounts Payable	Manage Fixed Assets	Payroll <sup>1</sup> Solution Manage and Process Payroll
Manage Grants	Manage Programs/Projects	Perform Period Close	Support Finance Relations & Requests	

**Manage Finance**

Manage Cash Flow / Forecasting	Manage Banking	Manage Financial Risk	Budget Monitor
Manage Treasury / Investments	Manage Borrowings / Debt	Manage Trust	Manage Lease

**Manage Budget<sup>2</sup>**

Budget Planning and Forecasting	Budget Development & Allocations	Budget Validation & Approval	Budget Adjustment & Review	Capital Improvements
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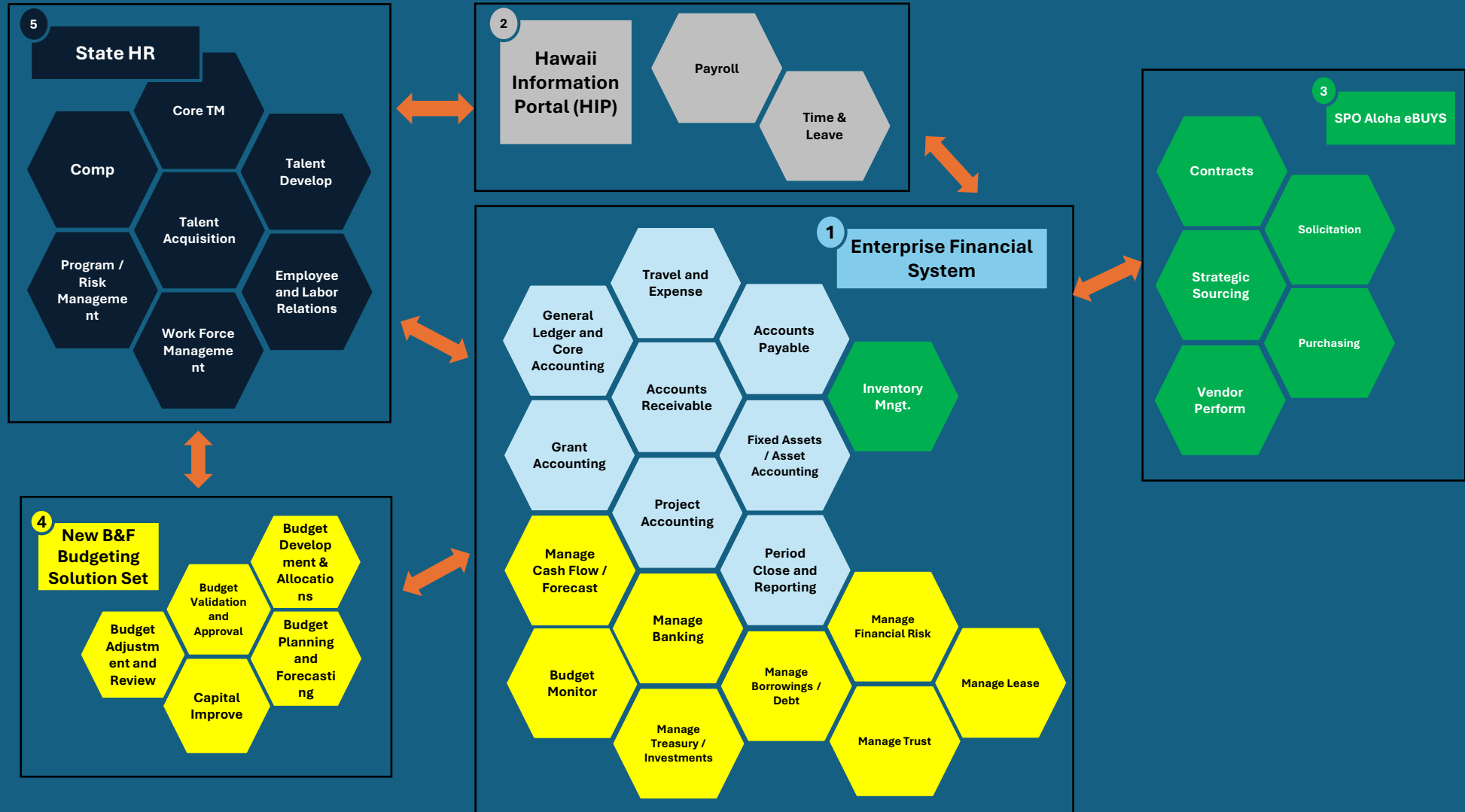
**Manage Source to Pay<sup>3</sup>**

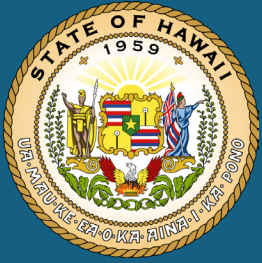
Manage Inventory	Strategically Source	Manage Procurement	Manage Contracts	Manage Vendor Relationships	Manage Solicitations
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**Enterprise Enablers**

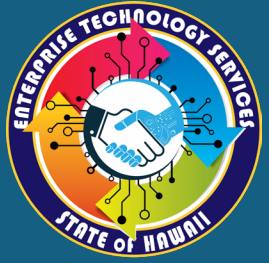
Manage Finance Service Delivery	Business Intelligence (Data & Analytics)	Automated Testing	Document and Records Management	Integration Management	Process Optimization	Master Data Management
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# Proposed EFS Conceptual Architecture – A Composable Strategy





# Conclusion



EFS is a ***business transformation project*** supported by cloud-first, “best-of-breed” technology.

The architectural design will:

- leverage the existing infrastructure and services, and
- build upon these strengths,
- achieving the goals of
  - minimal impact to business users, and
  - providing verified business value as early as feasible



**Mahalo**





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## 2024 Challenge Author Participation Expectations

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### What is the HACC?

The Hawai'i Annual Code Challenge (HACC) is based on the concept of a hackathon, which is a problem-solving event that brings together creative individuals interested in technology over a single day or weekend. But what makes the HACC unique is that it offers an extended period of four weeks for development. The expanded timeframe is meant to encourage the development of proof-of-concepts or prototypes that are appropriately matched with technologies and platforms in use or being considered by the author's organization.

HACC participation is open to everyone, from students to professionals to amateurs at no cost.

### How it Works

At the HACC Kick Off, organizations present a challenge they would like to be solved by participants. Community members who attend the kick off form teams and work collaboratively to develop their solutions.

Following the development time period, finalists identified by the HACC Technical Review Committee move forward to the next phase of the competition, which is the HACC Judging & Presentation event to present their solutions for judging and winner selection. Awards will go to top participants in each of 3 categories: Professional, Collegiate & High/Middle School.

Organizations may consider whether they would like to further pursue these projects or options. There are no requirements for further commitment or funding.

### What do Organization Challenge Authors need to do?

1. Provide a challenge that your organization needs to have solved.
2. Provide any relevant data sets (or sampling of data sets) that can be uploaded onto GitHub for the teams to use to build the solution proofs of concept and/or prototypes.
3. Present 10 minute "Reverse Pitch" describing the challenge to participants during the HACC Kick Off Event.
4. Meet with teams to refine the scope and parameters of the challenge and to answer questions.
5. Provide guidance and feedback to teams on the progress of their projects at virtual check-in(s) and/or through challenged dedicated Slack channels.



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## 2024 Challenge Author Participation Expectations

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### Important Dates to Remember

These are key dates that department staff need to be aware of to participate in the HACC:

- **August 30, 2024** – Challenge Submissions Due
- **Week of September 23, 2024** – Challenge Sponsor/Subject Matter Expert Training Workshop
- **October 1-3** – Department write up summary of their challenge to be shared on website
- **Week of October 7** – Zoom Reverse Pitch Rehearsals (you will be contacted to schedule a convenient session to make sure everything working on your system for event)
- **October 7, 2024** – Summaries posted to HACC website for participants
- **October 10, 2024** – Project Revere Pitch presentation submitted by end of business day
- **October 12, 9:30 a.m. to 2:00 p.m.** – HACC Kick Off – organization pitch presentations in the morning, talk story sessions with teams in afternoon. Location: Virtual – Zoom Meeting
- **October 19, 10:30 a.m. to Noon** – HACC Interim workshop. Meet with interested teams to answer questions and provide guidance. Location: Virtual – Zoom Meeting
- **November 16, 9:30 a.m. to 2:00 p.m.** – HACC Judging & Presentation Day – Challenge authors and staff invited, judging by independent panel. Location: In Person, Location – UH West Oahu

For more information, please contact:

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James.gonser@hawaii.gov