



May 29, 2019

**NOTICE**

The Kaweah Delta Health Care District Board of Directors will meet in a Information Systems Steering Committee meeting at 2:30PM on Tuesday June 11, 2019, in the Kaweah Delta Medical Center – Acequia Wing Conference Room {400 W. Mineral King, Visalia}.

The Board of Directors of the Kaweah Delta Health Care District will meet in a Closed Information Systems Steering Committee meeting immediately following the 2:30PM Open Information Systems Steering Committee meeting on Tuesday June 11, 2019, in the Kaweah Delta Medical Center – Acequia Wing Conference Room {400 W. Mineral King, Visalia} pursuant to Government Code 54957(a).

All Kaweah Delta Health Care District regular board meeting and committee meeting notices and agendas are posted 72 hours prior to meetings in the Kaweah Delta Medical Center, Mineral King Wing entry corridor between the Mineral King lobby and the Emergency Department waiting room.

The disclosable public records related to agendas are available for public inspection at the Kaweah Delta Medical Center – Acequia Wing, Executive Offices (Administration Department) {1st floor}, 400 West Mineral King Avenue, Visalia, CA and on the Kaweah Delta Health Care District web page <http://www.kaweahdelta.org>.

KAWEAH DELTA HEALTH CARE DISTRICT  
Nevin House, Secretary/Treasurer

A handwritten signature in black ink that reads 'Cindy Moccio'.

Cindy Moccio  
Board Clerk  
Executive Assistant to the Chief Executive Officer

DISTRIBUTION:  
Governing Board  
Legal Counsel  
Executive Team  
Chief of Staff  
<http://www.kaweahdelta.org>

# KAWEAH DELTA HEALTH CARE DISTRICT BOARD OF DIRECTORS

## INFORMATION SYSTEMS STEERING COMMITTEE

Tuesday, June 11, 2019

Kaweah Delta Medical Center – Acequia Wing  
400 W. Mineral King Avenue, Visalia  
Acequia Wing Conference Room

ATTENDING: Directors Lynn Havard Mirviss (chair) & Herb Hawkins; Gary Herbst, CEO; Douglas Leeper, CIO; Malinda Tupper, CFO; Tom Rayner, SVP & COO; Regina Sawyer, VP & CNO; Roger Haley, MD, Medical Director of Informatics; Lacey Jensen, Director of Clinical Informatics; Scott Furrer, Director of ISS Technical Services; Luke Schneider, Director ISS Application Services; Kelsie Davis, Recording

### OPEN MEETING – 2:30PM

**Call to order** – *Lynn Havard Mirviss, Information Systems Steering Committee Chair*

**Public/Medical Staff Participation** – Members of the public wishing to address the Committee concerning items not on the agenda and within the subject matter jurisdiction of the Committee may step forward and are requested to identify themselves at this time. Members of the public or the medical staff may comment on agenda items after the item has been discussed by the Committee but before a Committee recommendation is decided. In either case, each speaker will be allowed five minutes.

1. **Fiscal Year 20 Capital Budget**- Review of new Capital Budget for fiscal year 2020-  
*Douglas Leeper, Vice President and Chief Information Officer*
2. **Presidio Update** – An update will be provided regarding Presidio engagement as well as Capital- *Douglas Leeper, Vice President and Chief Information Officer*
3. **KD\*HUB Update**- A six-month update will be provided regarding Cerner- *Douglas Leeper, Vice President and Chief Information Officer*
4. **FY20 ISS Roadmap Review**-Review by Committee- *Douglas Leeper, Vice President and Chief Information Officer*
5. **Approval of Closed Information Systems Steering Committee Agenda: Closed Agenda**- Executive Office Conference Room- **immediately following the 2:30PM open meeting.**

- **Public Security-** Potential threat to the security of essential public services pursuant to Government Code 54957(a)- Dennis Lynch, Esq., Legal Counsel and Douglas Leeper, Vice President and Chief Information Officer

**Adjourn Open Meeting-** *Lynn Havard Mirviss, Information Systems Steering Committee Chair*

**CLOSED MEETING-** **Immediately following the 2:30PM open meeting**

Call to order- *Lynn Havard Mirviss, Information Systems Steering Committee Chair*

1. **Public Security-** Potential threat to the security of essential public services pursuant to Government Code 54957(a)- Dennis Lynch, Esq., Legal Counsel and Douglas Leeper, Vice President and Chief Information Officer

**Adjourn Closed Meeting-** *Lynn Havard Mirviss, Information Systems Steering Committee Chair*

**Public Notice-** In compliance with the Americans with Disabilities Act, if you need special assistance to participate at this meeting, please contact the Board Clerk at (559) 624-2330. Notification of 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to the Kaweah Delta Health Care District Board of Directors meeting.



FY20 ISS  
Capital Budget

**KAWEAH DELTA HEALTH CARE DISTRICT**

# FY20 ISS Capital Budget

Description	2019-2020	2020-2021	2021-2022	Details
SAN Storage (P)	\$208,000	\$250,000	\$300,000	Annual storage growth.
Network Equipment (P)	\$238,500	\$192,000	\$156,000	In FY20, replace routers and switches, and new firewalls for the downtown campus. In FY21 and FY22, replace the EOL and failing switches in non-downtown campus areas.
Server Infrastructure (P)	\$77,500	\$425,000	\$450,000	In FY20, replace EOL servers. In FY21 and FY22, beginning the next server refresh cycle.
ePrescribe Script Enhancement	\$30,500			To meet new regulatory requirements regarding a new 9 digit code for each physician.
NiceLabel (NEPS) Replacement	\$20,196			Replace EOL system.
Legacy HR/Payroll Archiving	\$38,000			Determine strategy and vendor partner for a legacy HR/Payroll data repository. Needed to meet legal data retention requirements and allow Peoplesoft system to be sunset.
Smart Pump Implementation	\$503,030			Implement the Cerner Smart Pump integration with our BD Alaris infusion pumps. Improve patient safety and increase charge capture. Need to address new BD Alaris pump brains.
Hardware/Software Additions, Replacements, Upgrades	\$250,000	\$250,000	\$250,000	Unanticipated requirements which occur every year.
Legacy EMR Archiving		\$250,000	\$250,000	Determine strategy and vendor partner for a legacy EMR data repository. Necessary to meet legal data retention requirements and allow legacy systems to be sunset.
Automated Encryption for SFTP		\$15,344		Acquire and implement the HelpSystems software to automate our encrypted SFTP file transfers.
Rehab Quality Measures Interface		\$15,000		Implement UDS interface on Cerner and UDS side to automate transmission of quality measures data. Currently manual and must be done one patient at a time.

# FY20 ISS Capital Budget

Description	2019-2020	2020-2021	2021-2022	Details
ED Patient Elopment and Staff Duress System Expansion		\$20,000		Continued Aeroscout expansion to coincide with ED expansion.
New Intranet Website		\$200,000	\$250,000	Consolidate and replace the two existing intranet websites, KDNet and KDCentral, into a completely new, modern intranet website. Need to find vendor partner and platform.
Time & Attendance System Smartphone Self Service Module		\$81,555		Acquire and implement the Kronos Mobile smartphone self service module for time clocking, etc.
Capacity Management Implementation		\$566,497		Implement Cerner's Capacity Management solution to replace Teletracking. Integrated into our Cerner Millennium platform. Improved process, time tracking, and management.
PowerChart Cardiology Implementation		\$1,116,519		Implement Cerner's solution specific to the Cardiology space. Improved workflow and increased physician satisfaction.
Ambulatory EMR Downtime Implementation		\$425,000		Acquire and implement Cerner's 724 Access solution for Ambulatory to provide some schedule and patient information during an EMR downtime.
Network Wiring (P)		\$350,000	\$350,000	Ongoing replacement of 20+ year-old network wiring that continues to fail. Much better and more cost-effective to do this strategically and proactively, than reactively.
Microsoft Licensing		\$18,000		In FY21, necessary expansion of Data Center server OS licensing.
PACS Upgrade		\$47,000		Upgrade to the Fuji Synapse PACS system in FY21.
ERP Replatform		\$1,000,000		If we move to the Infor cloud platform. Likely much more money if we move to another vendor's platform. Will also be significant annual operating expense dollars.
Time & Attendance System Upgrade			\$50,000	In FY22, perform upgrade to Kronos system.
	\$1,365,726	\$5,221,915	\$2,056,000	



# Presidio Update

**KAWEAH DELTA HEALTH CARE DISTRICT**

# Presidio Findings - Update

## Categories

- Facilities
- Microsoft
- Network
- Unified Communications
- Planning



# Presidio Findings - Update

## Completed Projects

### FACILITIES

- Automatic Transfer Switch (ATS)
- Data Center UPS Batteries
- Data Center HVAC

### MICROSOFT

- Active Directory (AD) Account Management
- AD Password Management

### NETWORK

- Device Descriptions
- Distribution Switch Replacement
- Network Configuration Architecture
- Core Switches Replaced



# Presidio Findings - Update

## Facilities

- Remediate Mineral King Wing Network Closets
  - 60% Complete
  - 70% Complete by end of FY19
  - 100% Complete by end of CY19



# Presidio Findings - Update

## Network

- Hospital Dependence on ISS West Data Center
  - Deferred to resolve other higher priority infrastructure issues
  - Significant capital funding needed
- End of Life (EOL) Network Equipment
  - Downtown campus access switches fully done when MK network closets are done
  - Begin outlying areas in FY20



# Presidio Findings - Update

## Unified Communications

- Complete Rebuild of Phone System
  - Done in Q2/2019
  - Result will essentially be a new phone system using current technology and best practices
- Actual phones replaced over 4 years
  - First year in progress (FY19)



# Presidio Findings - Update

## Planning

- Now operating in a proactive mode
  - Implemented practices to promote this mindset
- Strategic Planning
  - Evaluating new technologies & practices
  - Work continues resolving some past issues



# KD\*Hub Update

**KAWEAH DELTA HEALTH CARE DISTRICT**

# Revenue Cycle



- Progress
- Teamwork
- Results
- Optimization



# EMR Governance

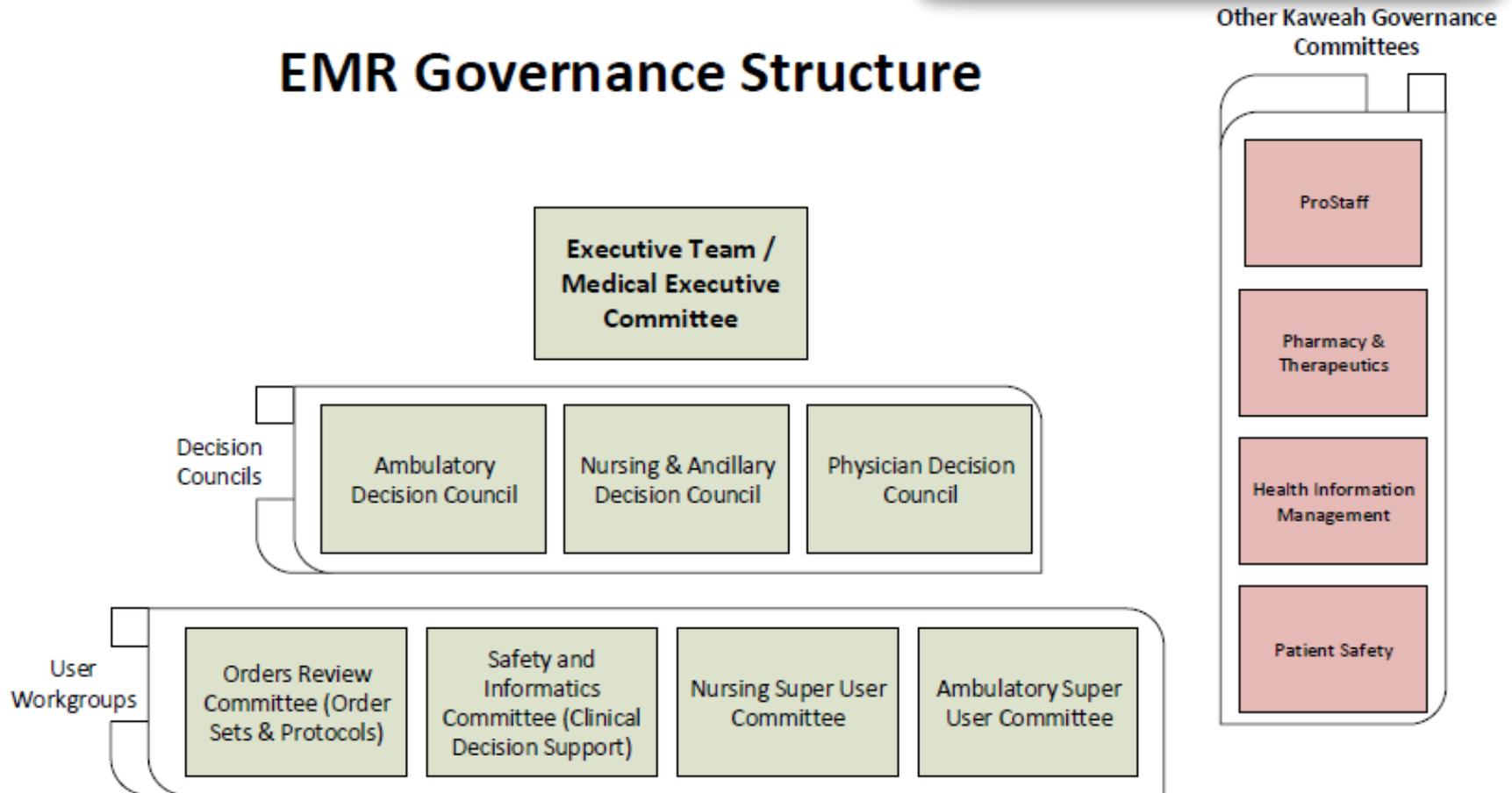


EMR Governance is defined as the **structure and processes** that ensure the **effective and efficient use** of the electronic medical record in enabling an organization to **achieve its goals**.

# EMR Governance



## EMR Governance Structure



# Ambulatory Decision Council

## Members

**Chair/Owner: Dr. Manga**

**Communication Owner - Dr. Haley / Lacey Jensen**

## Committee Members

Dr. Cislowski

Dr. Gutierrez

Dr. Roach

Thomas Breviere

Mary Jo Dyck

Ryan Gates

Kurtis Stutsman

Donna Murphy

Barry Royce

Clint Brown

Jill Anderson

Vickie Skidmore

Dr. Chen

Dr. Parungao

Dr. Swehli

Leah Daugherty

Dave Garrett

Christina Ambriz

John Leal

Helen Rios

Tracy Salsa

Sonia Duran-Aguilar

**Purpose:** Apply strategic plan and roadmap to guide decisions around goals and priorities

### Responsibilities:

- Oversight of content and workflow decisions within the ambulatory EMR
- Evaluate and prioritize requests considering benefit and impact
- Ensure standardization across ambulatory settings is evaluated
- Applies strategic plan and roadmap to guide decisions
- Facilitate any changes to policy and procedures including communication
- Approves workflow changes and training plan

**Receives Reports From:** Ambulatory Super User Committee

**Frequency:** Every 2 months

**Communication:** Lateral across Nursing/Ancillary Decision Council, Physician Decision Council

**Reports To:** Executive Team as needed

\*\*\*\*Proposed Orders for HIM Process - Raquel (SD-25152)\*\*\*\*

\*\*Electronic Signature on Imaging Orders - Melissa/Stephan (SD-34594)\*\*

\*\*Provider Letter -Miscellaneous Communication-Raquel (SD-15132)\*\*

\*\*Practice Manager System Access- Thomas (SD-35581)\*\*

\*\*Neuroscience Technical Charge Capture Project- Thomas/Raquel/Cindy (SD-18438)\*\*

\*\*Medical Clearance Request Letter- Raquel/Thomas (SD-31928)\*\*

\*\*At the Elbow Practitioner Education Project (top 25% Opportunities) -Leah/Julia/Anna\*\*

\*\*Duplicate Level Charges- Leah (SD-40105)\*\*

\*\*Between Visit Encounters -Leah (SD-1459)\*\*

\*Child Physical Letter-Leah/Thomas/Raquel (SD-28057)\*

\*\*Referral Management Build Project -Thomas/Lisa/Leslie (SD-33652)\*\*

Message Center Build Optimization and Clinician Education-Leah (SD-44112)

\*\*EPCS Enrollment and education\*\*

Ambulatory Organizer Optimization- Thomas/Ceci/Raquel SD-48796

\*Visit Summary Project, Discharge Education & Plan of Care (Leah/Raquel/Leslie) (SD-44105)(SD-44851)\*

\*\*\*\*Lead POC Task - Thomas/Cynthia (SD-32030)\*\*\*\*

\*\*Ear Lavage Tasking- Thomas/Cindy (SD-39168)\*\*

\*MA Standardized Procedures- Thomas (SD-26747)\*

\*CPSP Charge Form- Cindy/Leah/Katie/Raquel (SD-21466)\*

\*\*Electronic Medication Verification - Thomas (SD-40517)\*\*

\*RHC requesting drop immunization charges on admin- Raquel/Cindy (SD-26344)\*

\*PAD test Exeter Clinic- Thomas/Cindy (SD-38477)\*

\*Fecal Occult Blood POC to be performed by MAs- Thomas/Cindy (SD-42714)\*

\*\*Electronic Document Signing- Leah (SD-40524)\*\*

\*\*SCC RN to Prepare and Admin Definity Per Protocol- Thomas/Cindy (SD-32926)\*\*

\*\*\*No Show Workflow/Template (Leah/Stephan)\*\*\*

\*\*\*Outpatient Infusion Service Charges, Outpatient in a bed\*\*\*

\*CDMC POC PT/INR Coag Sense- Thomas/Melissa/Cindy (SD-37830)\*

\*\*KD Retail Pharmacy to administer long acting IM Mental Health Meds - Raquel(SD-6317)\*\*

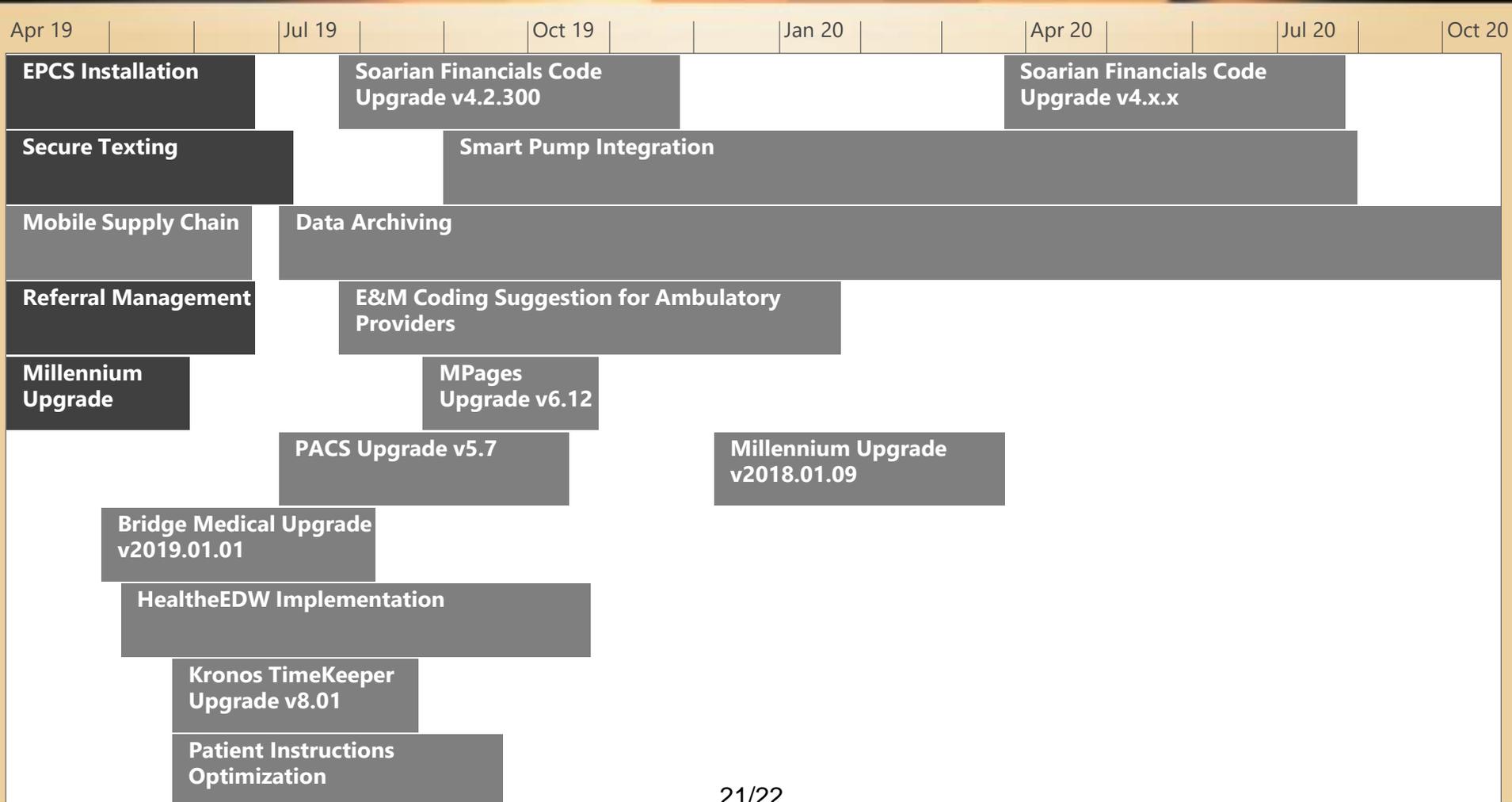
	All
	RHC
	SCC
	CDMC
	Retail Pharm



FY20 ISS  
Roadmap Review

**KAWEAH DELTA HEALTH CARE DISTRICT**

# Applications Roadmap



# Infrastructure Roadmap

