



COLORADO
Governor's Office of
Information Technology



Department of Corrections Offender Records Management System (DeCORuM)



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January 07, 2020



JTC Request

DOC and OIT request a three year extension in time to utilize the remaining funds appropriated to fully implement the DeCORuM project.



Project Overview

- DeCORuM (Department of Corrections Offender Records Management System) will result in a new and updated eOMIS (Electronic Offender Management Information System) web-based system for CDOC.
 - Four major phases
 - Phase I - Clinical Services
 - Electronic Health Record (EHR) in Production January 2017
 - Pharmacy Component - development complete, Go-Live scheduled
 - Phase II - Offender Management System (OMS)
 - Under development
 - Phase III - Parole & Community Supervision
 - To be developed
 - Phase IV - Contractual Enhancements
 - To be developed



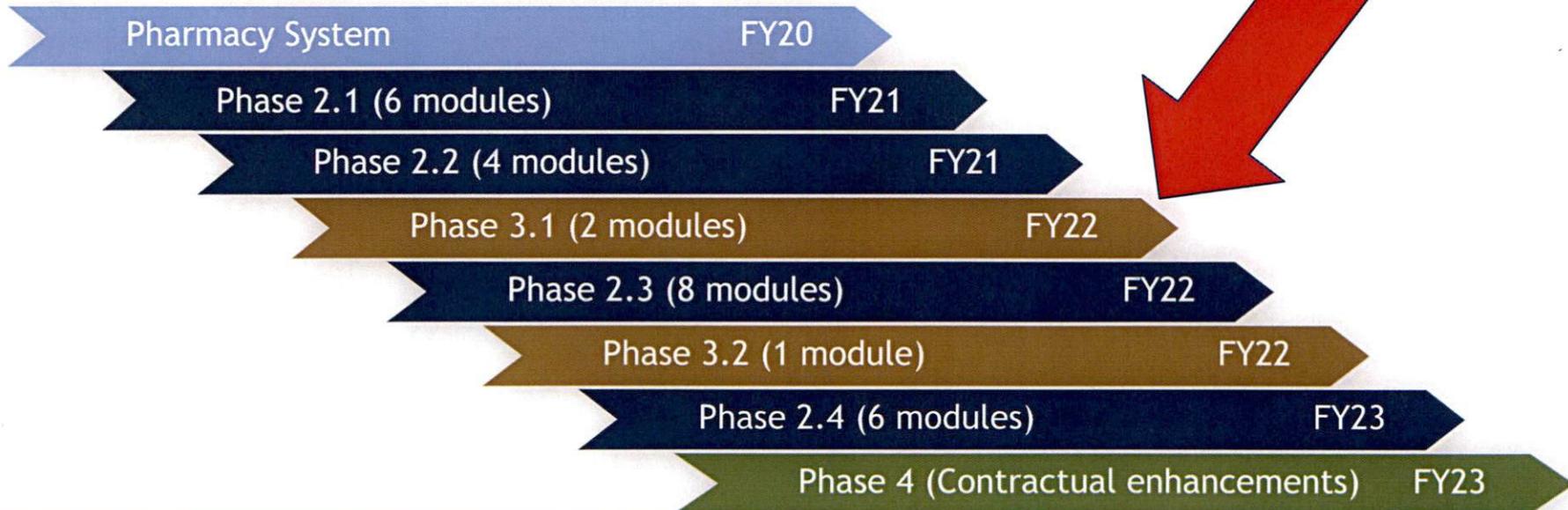


Waterfall vs. Agile

- **Original Project Timeline**

- August 2016 - Phase I - Electronic Health Record including integrated Pharmacy system
- August 2017 - Phase IIA - Offender Management System
- August 2018 - Phase IIB - Offender Management System
- August 2019 - Phase III - Parole/Community Corrections
- August 2020 - Phase IV - Contractual Enhancements

- **Remaining Phases Timeline**





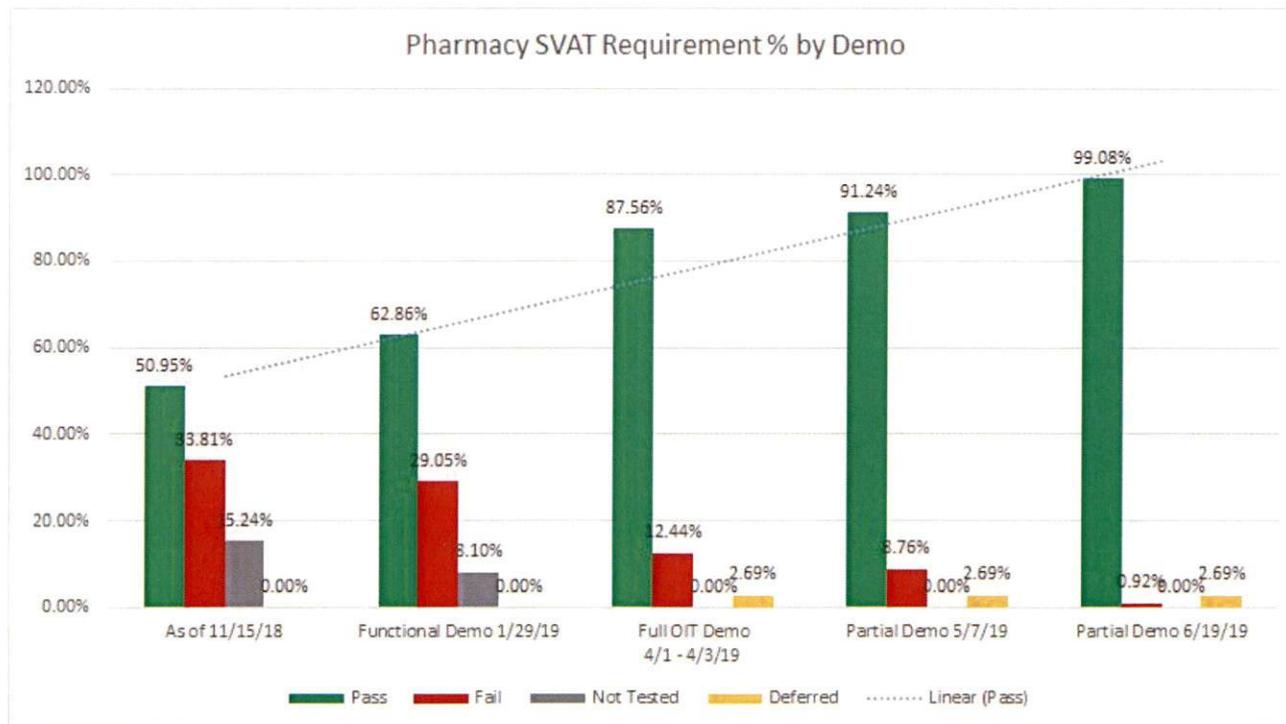
DeCORuM Transformation

- **CDOC/OIT Governance**
 - Contract Amendment restating schedule based on Agile practices - Draft in development
 - Assignment of dedicated DOC position acting as Agency Product Owner
 - Direct & daily Senior Leadership involvement
 - IV&V (Independent Verification & Validation)
- **Vendor Management**
 - Based on the Vendor resource limitations in Phase I, CDOC/OIT/Vendor partnered to minimize constraints and maximize performance through the following:
 - Implementation of Lean and Agile delivery framework and ITIL processes
 - System delivery requirements (SVaT)
 - Schedule of remaining components
 - Only establish new go-live dates based on fully successful functional and workflow demos to minimize operational impacts after system go-live



DeCORuM Delivery Improvements

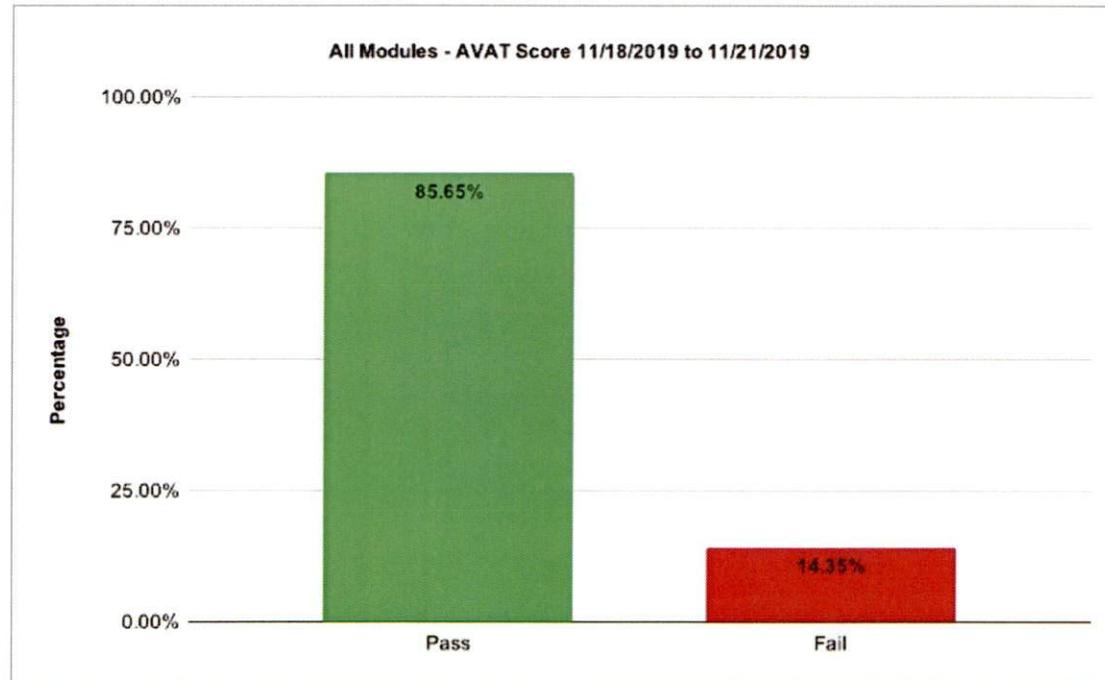
Data showing the value add of the SVAT by scoring passing requirements for the Pharmacy component.





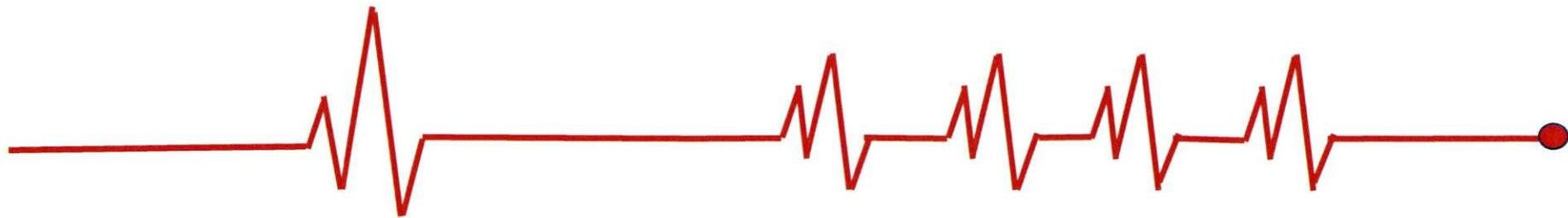
DeCORuM Delivery Improvements

Data showing the value add of the first SVAT by scoring passing requirements for the Phase II - Offender Management System (OMS).





DeCORuM Heartbeat



2015 ----- 2017 ----- 2020 ----- 2023
START EHR Pharmacy OMS Parole & Contractual
Community Enhancements

|----- (Waterfall) -----||----- (Agile)-----|



DeCORuM Project Summary

- **Project Completion Roadmap**

- January 2020 - Phase I - Pharmacy system
- Phase II (Offender Management), Phase III (Parole/Community Corrections), Phase IV (Contractual Enhancements)
 - Established Agile processes in Phase I will determine future go-live dates
 - 2021 - Offender Management System - 24 modules
 - 2022 - Parole/Community Corrections - 3 modules
 - 2023 - Pre-defined customizations - as defined in contract

- **Potential Impacts to Schedule**

- Technical complexity
- Legislative or externally mandated system changes

- **Overcoming Impacts to Schedule**

- Continue to evaluate and adjust Agile and Governance processes as situation dictates
- Continue strong collaboration with CDOC/OIT and Vendor leadership to quickly identify and mitigate issues



Spend-down Funds

| | |
|---------------------------------------|--------------|
| Appropriated Funds | \$30,300,901 |
| Projected Expended Funds by 6/30/2020 | \$22,800,901 |
| Remaining Funds | \$7,500,000 |



Questions?