



Equipment Life Cycle Management Overview

EQUIPMENT LIFE CYCLE MANAGEMENT (ELCM)



SUMMARY

Equipment Life Cycle Management (ELCM) is streamlining the equipment life cycle process for non-expendable (NX) equipment across Veterans Health Administration (VHA). ELCM is deploying the ELCM operating model in its use of data and clinically-driven sourcing to acquire and deliver the highest quality equipment in the most cost effective and efficient manner, enabling the best healthcare possible for our Veterans.

The ELCM operating model comprises five key pillars that represent critical steps in the life cycle of equipment at VHA. The operating model is based on the Supply Chain Operations Reference (SCOR) Model, which is an industry best practice for effective Supply Chain management.

BENEFITS OF ELCM OPERATING MODEL

- Provides guidelines, tools, and an annual planning timeline to help empower facilities to engage in proactive and long-term strategic equipment planning
- Analyzes, optimizes, and decreases the complexity of VHA equipment life cycle management
- Reduces administrative burden of equipment purchases through the establishment of national contracts

VHA SUPPLY CHAIN VISION STARTS WITH THE CLINICIAN AND ENDS WITH THE VETERAN



Plan	Source	Deliver	Maintain	Return
<ul style="list-style-type: none"> ▪ Strategic Planning ▪ Clinical Needs Identification and Requirements Definition ▪ Evidence-Based Value Analysis Process ▪ Supply and Demand Balancing ▪ Budgeting and Financial Planning ▪ New Tech Assessment and Deployment Planning 	<ul style="list-style-type: none"> ▪ Strategic Procurement and Contracting ▪ Outcomes-Based Requirements Contracts ▪ Local Ordering Officer Delegated Authority (OOD) ▪ Supplier Performance Development 	<ul style="list-style-type: none"> ▪ Receiving ▪ Warehousing ▪ Material Management ▪ Installation 	<ul style="list-style-type: none"> ▪ "Buy vs. Build" ▪ Service Contracts and Warranty Management ▪ Maintenance/ Repair ▪ Parts, Supplies, and Spares Management ▪ Field Support Services 	<ul style="list-style-type: none"> ▪ Disposition/ Reutilization

THREE PROGRAM TEAMS SUPPORT THE EXECUTION OF THE ELCM OPERATING MODEL

ELCM is supported by a team of Project Managers, Biomedical Engineers, Nurses, Chief Supply Chain Officers (formerly "Chief Logistics Officers"), and Supply Systems Analysts, many of whom previously worked in the field within VHA.

OPERATING MODEL EXECUTION PROGRAM	CLINICAL EQUIPMENT PROGRAM	IMAGING/ RADIATION ONCOLOGY PROGRAM
<ul style="list-style-type: none"> • Educates and empowers stakeholders to improve local ELCM processes through Lunch & Learns and webinars • Implements best practices through Operations Support Visits to the field • Promotes the use of ELCM resources, such as the annual planning timeline, Strategic Equipment Planning Guide (SEPG) and Enterprise Equipment Request (EER) tools 	<ul style="list-style-type: none"> • Manages VHA's clinical equipment portfolio through a clinically driven, strategic sourcing model to provide clinicians with the most up to date equipment the industry has to offer, and forecast replacement needs • Establishes national contracts available on the National Equipment Catalog (NEC) for commonly purchased, clinically vetted equipment, which expedites procurement and leverages volume discounts 	<ul style="list-style-type: none"> • Manages VHA's portfolio of High-Tech Medical Equipment (HTME) and forecasts future needs to ensure adequate replacement planning and alignment with construction needs • Supports the field to ensure proper installation timelines are in place for site prep completion prior to equipment delivery • Identifies and tests new procurement processes to prevent undelivered orders (UDOs) of equipment

FOR MORE INFORMATION ON ELCM TOOLS AND PROCESSES, PLEASE REFER TO THE FOLLOWING:



ELCM WEBSITE

<https://www.va.gov/opal/sac/nxEquipment.asp>



ONE BOOK ON SUPPLY CHAIN MANAGEMENT

http://vaww.ceosh.med.va.gov/01HP/Pages/guidebook_plo.shtml



ELCM LUNCH AND LEARN SERIES

<http://go.va.gov/mx4x>

ELCM FACT SHEETS CAN BE FOUND HERE: <https://vaww.va.gov/plo/elcm/index.asp>

SEPG/EER PROCESS	Explains how VAMCs and VISNs should use SEPG; describes process for submitting an EER request. To access the SEPG portal, please visit: http://go.va.gov/5nyd To access the EER portal, please visit: http://go.va.gov/4nuv
ANNUAL PLANNING CYCLE	Provides summary of key annual planning milestones and timeframes related to the SEPG and EER process for purchasing non-IT, non-expendable equipment.
ELECTRONIC CATALOG (ECAT)	Explains the benefits of ECAT as a web-based distribution and payment system that can be used to order clinical equipment that is not currently available through the NEC. Please visit this site to access ECAT training materials: http://go.va.gov/rpbv
NEC	Summarizes the purpose of the NEC. To access the NEC, please visit: https://www.va.gov/opal/sac/nxEquipment.asp
PROCESS FOR DESIGNATING AND APPOINTING ORDERING OFFICERS	Summarizes the process for how facility employees can serve as Ordering Officers (OOs) to engage in procurement activities for national contracts awarded by the Strategic Acquisition Center (SAC).
ELCM TRAINING	Outlines a series of Veterans Affairs Acquisition Academy (VAAA) courses for employees who want to learn more about effective life cycle management for equipment and expendables. For more information on the training available, please visit: https://www.acquisitionacademy.va.gov/

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We look forward to partnering with you to drive positive changes in equipment life cycle management across VHA.

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FOR ANY QUESTIONS, PLEASE CONTACT YOUR REGIONAL BIOMEDICAL ENGINEER

