



**ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM**

**Manufacturer:** Unisyn Voting Solutions

**System:** OpenElect Freedom Vote Scan (FVS)

**ECO Number:** Engineering Approval Change (EAC) 1027

**ECO Description:** Update to alternate COTS components (memory module and USB flash drive) due to current parts no longer commercially available.

**Overview:**

Added new 4GB USB Flash Drive (Model 3SE-4GB) as a replacement for the current 1GB part (Model 2SE-1GB) due to the current model no longer being commercially available for purchase.

- Added DDR4-2400 Memory Module (Vendor Part Number CT4G4SFS8266/ASI#227313) as an alternative component for CT4G4SFS824A
- Added USB Flash Drive (Model 2SE-1GB, Vendor Part Number DEUA1-01GDQ1AC1SB-B088) as an alternative component to Model 3SE-4GB

Both alternative components are same manufacturer, same form, fit, and function.

*Note: Storage capacity for USB Flash Drive changes; however, Unisyn has stated that it is not critical to product operation.*

Products Affected: Freedom Vote Scan (FVS)

**Supporting Documentation:**

EAC 1027.pdf (*Unisyn ECO*)

**Engineering Recommendation:**

Technical Documentation Review performed for recommendation. Pro V&V determined replacement components are comparable to current components in form fit, and function; therefore, modifications should not adversely affect system reliability, functionality, capability, or operation.

**Engineering Analysis:** De Minimis – No Testing Required

**Reviewer:**

Wendy Owens

Printed Name

*Wendy Owens*  
Signature

07/13/2022

Date

**Approver:**

*Michael L. Walker*

Printed Name

*Michael L. Walker*  
Signature

07/13/2022

Date