



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Unisyn
System: FreedomVote Scan (FVS)
ECO Number: NCC 1029
ECO Description: FVS Carry Handle modification

Overview:

This Notification Certification Change (NCC) is being submitted for evaluation under the ECO program. This NCC documents a modification to the Carry Handle of the FVS. The handle will be changed to a Nylon to provide additional strength and flexibility as well as to improve manufacturability. The ABS handle had a thread forming screw entering one end to provide positive retention. To improve the assembly process and increase retention forces, the Nylon handle is drilled through fully and a longer screw, washer and nut have been added.

Products Affected: FreedomVote Scan (FVS)

Add: 8103-00082, Rev. D, Carry Handle, FVS

Certified Systems Affected: OVS 2.2, 2.2.3

Supporting Documentation:

NCC 1029 Notification Certification Change FVS Handle (Unisyn NCC)
Supplemental Information – Unisyn NCC 1029

Engineering Recommendation:

Technical documentation review performed to analyze this change.

Upon review of provided technical documentation, Pro V&V determined the submitted modification does not negatively impact the functionality, performance, accessibility, usability, safety, or security of the components or system or adversely alter the overall configuration of the certified systems. No changes were made to system firmware/software or documentation.

Pro V&V recommends the modification be considered a minor change with no testing required.

Engineering Analysis: De Minimis – No Testing Required

Reviewer:

Wendy Owens
Printed Name

Wendy Owens
Signature

07/20/2023
Date

Approver:

Michael Walker
Printed Name

Michael L. Walker
Signature

07/20/2023
Date