



ENGINEER CHANGE ORDER (ECO) ANALYSIS FORM

Manufacturer: Clear Ballot Group (CBG)

System: ClearVote (2.0 and 2.1)

ECO Number: HW-4211

ECO Description: End-of-Life Replacement Component

Overview:

The COTS Dell Latitude 5500 laptop utilized in ClearVote 2.0 and ClearVote 2.1 system configurations has gone end-of-life. The COTS Dell Latitude 5511 laptop is being submitted as a replacement component.

This change affects the following certified systems:

EAC - ClearVote 2.0

State - ClearVote 2.1

Supporting Documentation:

01 - ClearVote ECO Cover Letter 01212021.pdf

02 - ECO Request Form V3 - HW-4211.pdf (CBG ECO)

03 - Dell Latitude 5500 Specification Sheet.pdf (current component)

04 - Dell Latitude 5511 Specification Sheet.pdf (replacement component)

05 - Latitude 5500 and Latitude 5511 Specification Comparison.pdf (current component)

06 - dell latitude 5511 p80f p80f004 dell regulatory and environmental datasheet en-us.pdf (replacement component)

07 - Test Cases for Dell Latitude 5511 - ClearVote 2.0.xlsx - Group.pdf (CBG Test Execution Report)

07 - Test Cases for Dell Latitude 5511 - ClearVote 2.1.xlsx - Group.pdf (CBG Test Execution Report)

Engineering Recommendation:

Reviewed documented internal testing conducted by CBG and supporting documentation to determine disposition. Replacement component is comparable in form, fit, and function to current model. Use of new component should not adversely impact system performance. No testing required.

Engineering Analysis: De Minimis – No additional testing required

Reviewer:

Wendy Owens

Printed Name

Wendy Owens
Signature

01/27/2021

Date

Approver:

Michael L. Walker

Printed Name

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Signature

01/27/2021

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