



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

<b>Manufacturer:</b>	Dominion Voting Systems
<b>System:</b>	Election Management System (EMS), Adjudicator (ADJ), ImageCast Listener (ICL)
<b>ECO Number:</b>	100602
<b>ECO Description:</b>	Added DELL Precision 3431 computer in an EMS Express Server and EMS Client Workstation configuration due to the DELL Precision 3430 computer becoming commercially unavailable for purchase

**Overview:**

Added DELL Precision 3431 computer in an EMS Express Server and EMS Client Workstation configuration for the D-Suite applications listed above due to the DELL Precision 3430 computer becoming commercially unavailable for purchase. This product has been tested with Windows 10 Pro and is suitable for use with existing D-Suite configurations using Windows 10 Pro on EMS Express Servers and EMS Client Workstations.

**Add:**

EMS Client Workstation  
 DVS PN 198-000062 DELL PRECISION CLIENT WORKSTATION 3431 SFF 16GB RAM, 500GB HDD, WIN 10 PRO  
 EMS Express Server SFF  
 DVS PN 198-000063 DELL PRECISION SERVER WORKSTATION 3431 SFF 16GB RAM, 2 X 500GB HDD, RAID 1, WIN 10 PRO

**Supporting Documentation:**

- ECO 100602 DELL Precision 3431.pdf (*Dominion ECO*)
- Dell\_Precision\_3431\_EMS\_Client-Adj\_Spec\_V1.pdf
- Dell\_Precision\_3431\_EMS\_Express\_Spec\_V1.pdf
- 198-000054\_Dell\_Precision\_3430\_EMS\_Express\_PC.xlsx
- 198-000053\_Dell\_Precision\_3430\_EMS\_-\_Adj\_Client\_PC.xlsx

**Engineering Recommendation:**

Technical documentation review performed to approve change. Replacement component is comparable to current part in form fit, and function; therefore, no testing is required.

**Engineering Analysis:** De Minimis

**Reviewer:**

Wendy Owens  
 Printed Name

Wendy Owens  
 Signature

8/7/19  
 Date

**Approver:**

Michael L. Walker  
 Printed Name

Michael L. Walker  
 Signature

8/7/19  
 Date