

MCE TECHNICAL BULLETIN

Advisory

www.nidec-mce.com

Reference # 158 (Rev 3)

Route to Service Managers

From MCE Technical Support Department (916-463-9200 then press "3")

Date February 13, 2024

Pages 1

Subject SD Card Failures and 50 Day Timer issues

Equipment Element Traction and Hydro controllers with a software version 2.5.5 or lower

Description There have been two issues identified on the Element Traction and Hydro controllers that require a software update to correct. The first issue is excessive writing to the SD card which causes premature failure of the card and cause the data to become corrupted. The second issue is a timer fault that can occur every 50 days and if this occurs, the SCE-CPU will lock up and the car will go into Wild Operation.

Action Both of these issues were corrected in the 2.5.6 Or > release of the software and MCE is providing an upgrade kit that includes the current release of the Element software on a USB mini flash drive, a new SD card and instructions to replace the SD card and perform the update for any controller that is running 2.5.5 or lower.

MCE Help As always, should you require any additional technical assistance on this or if you wish to add your email for future technical bulletin advisories:

- Email: techsupport@nidec-mce.com
- Refer to the reference number above