

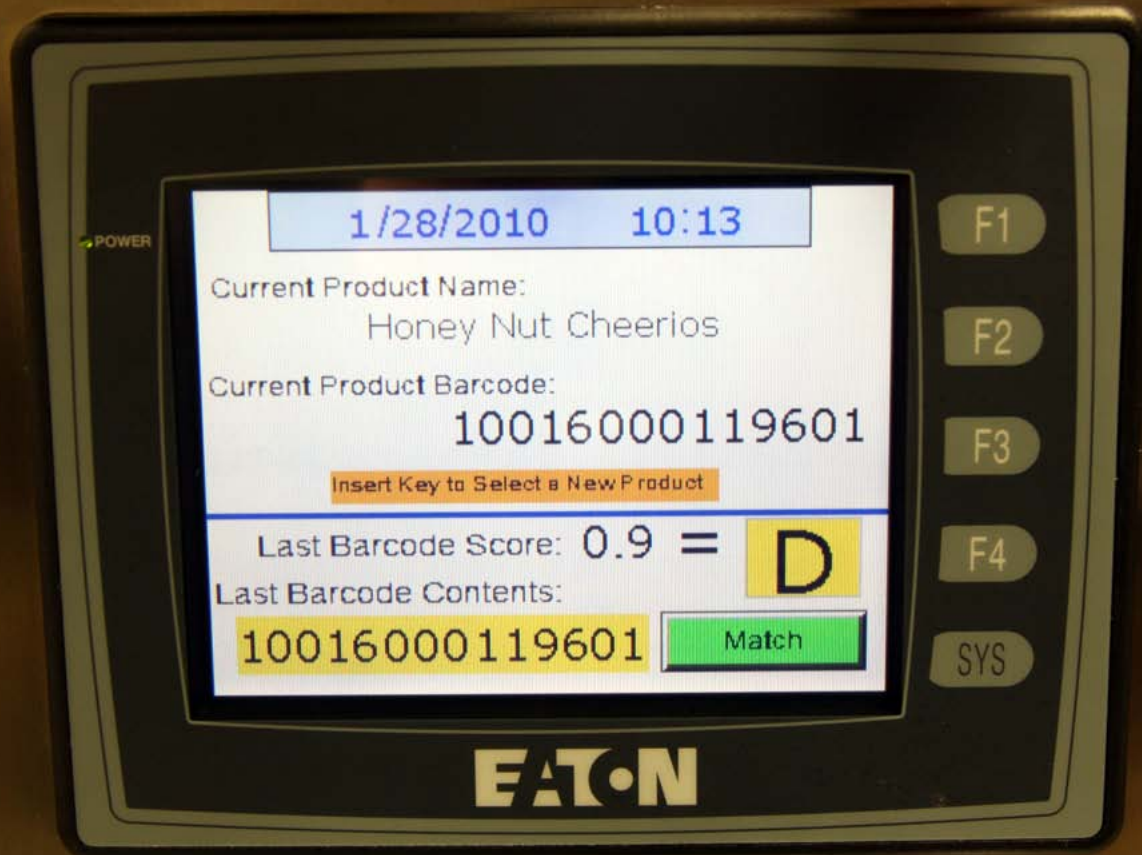


Control Reliable Inspection
System ANSI Grader
CRIS 20/20 ANSI

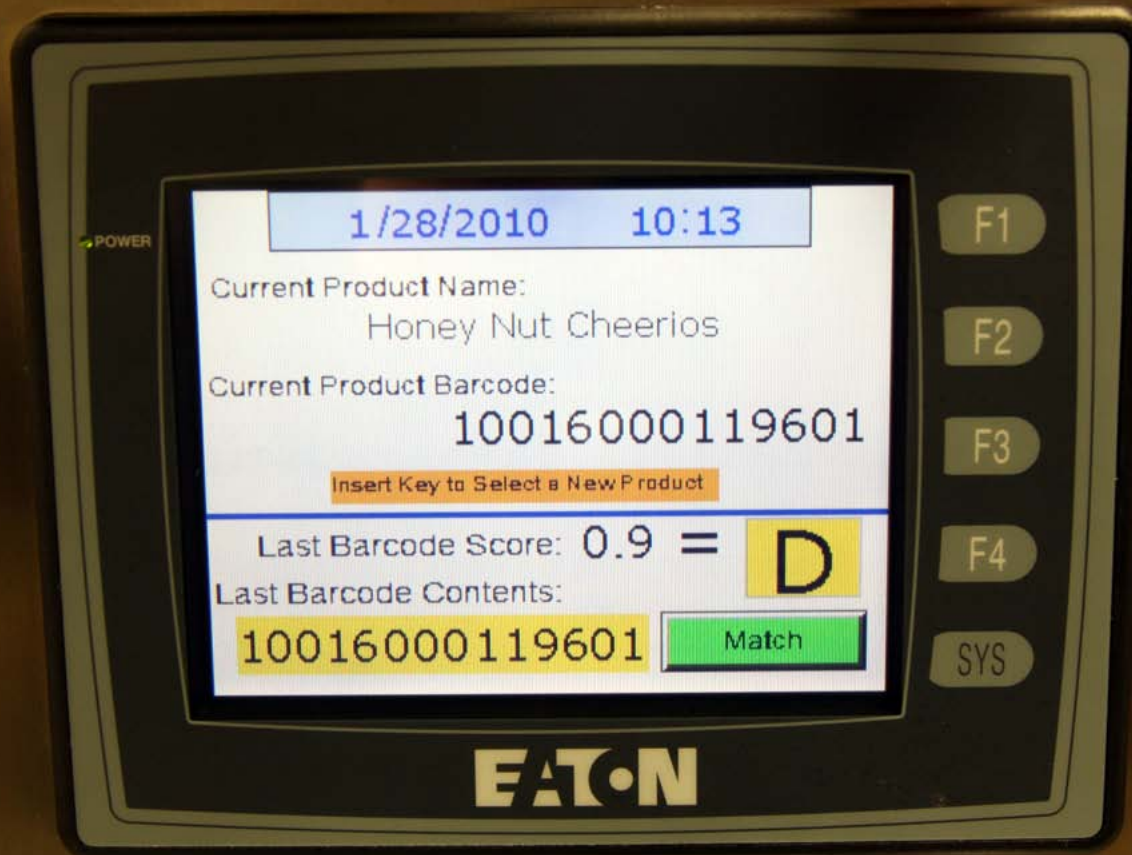
The CRIS 20/20 operator interface is very simple.

- **The green stack light means it is on line and the red calls out a problem that is described in detail on the touch screen.**
- **The green match indicator or the red no read indicator fires on every case that is passed in front of the system**
- **The red error reset button is used by the operator to reset low level errors**
- **The electronic key system is used to identify users and access level, authenticate code changes and reset high level errors. Highest access level can allow system bypass in case of a catastrophic system fault.**





The main screen of the barcode grading unit shows the barcode to be matched, the barcode that is being read, the barcodes letter grade as well as its ANSI numeric grade and whether or not the barcode was a match or mismatch.



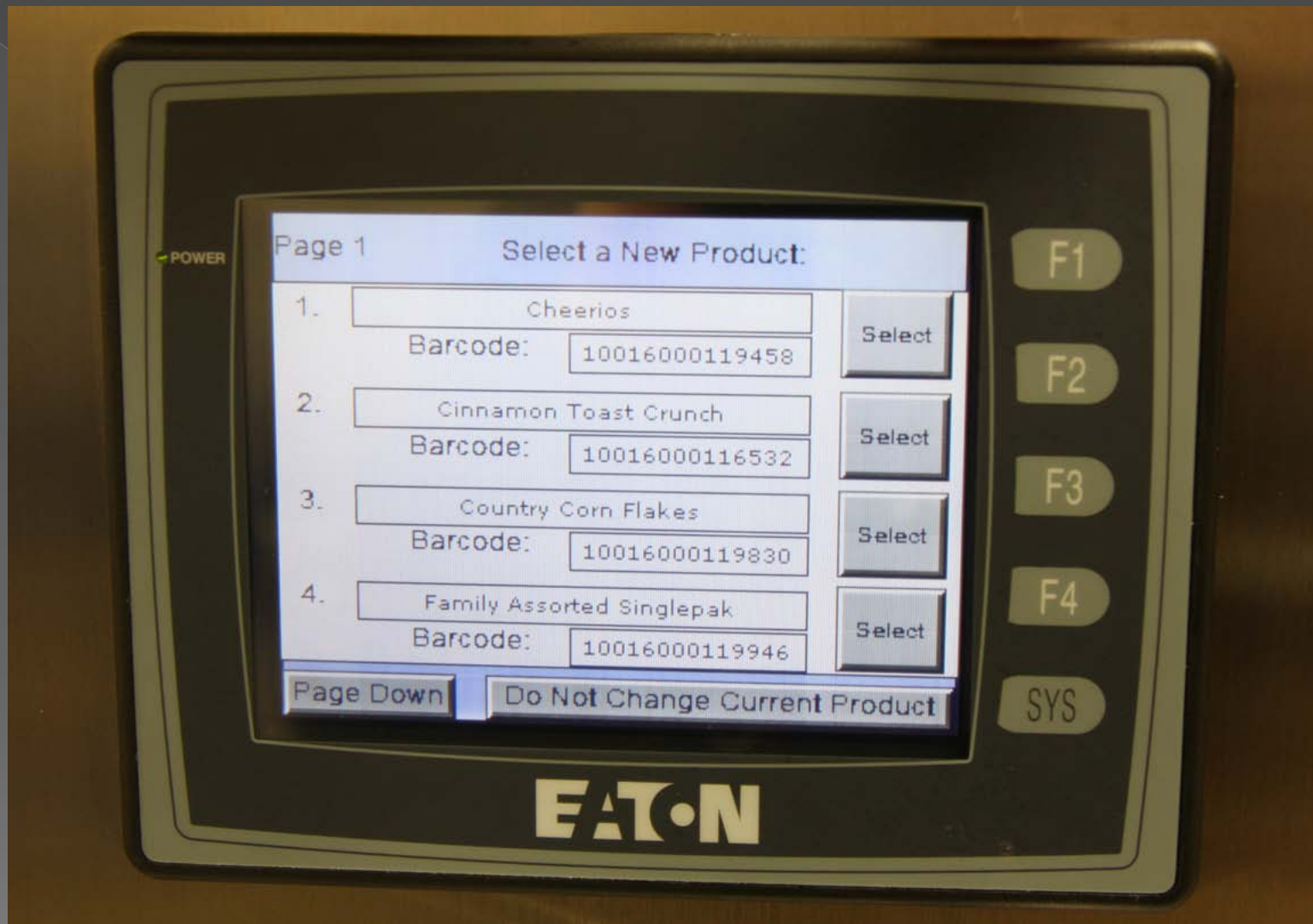
Per the instruction in the orange box, an operator must log in by inserting their personal coded electronic key fob in order to make a product inspection change.



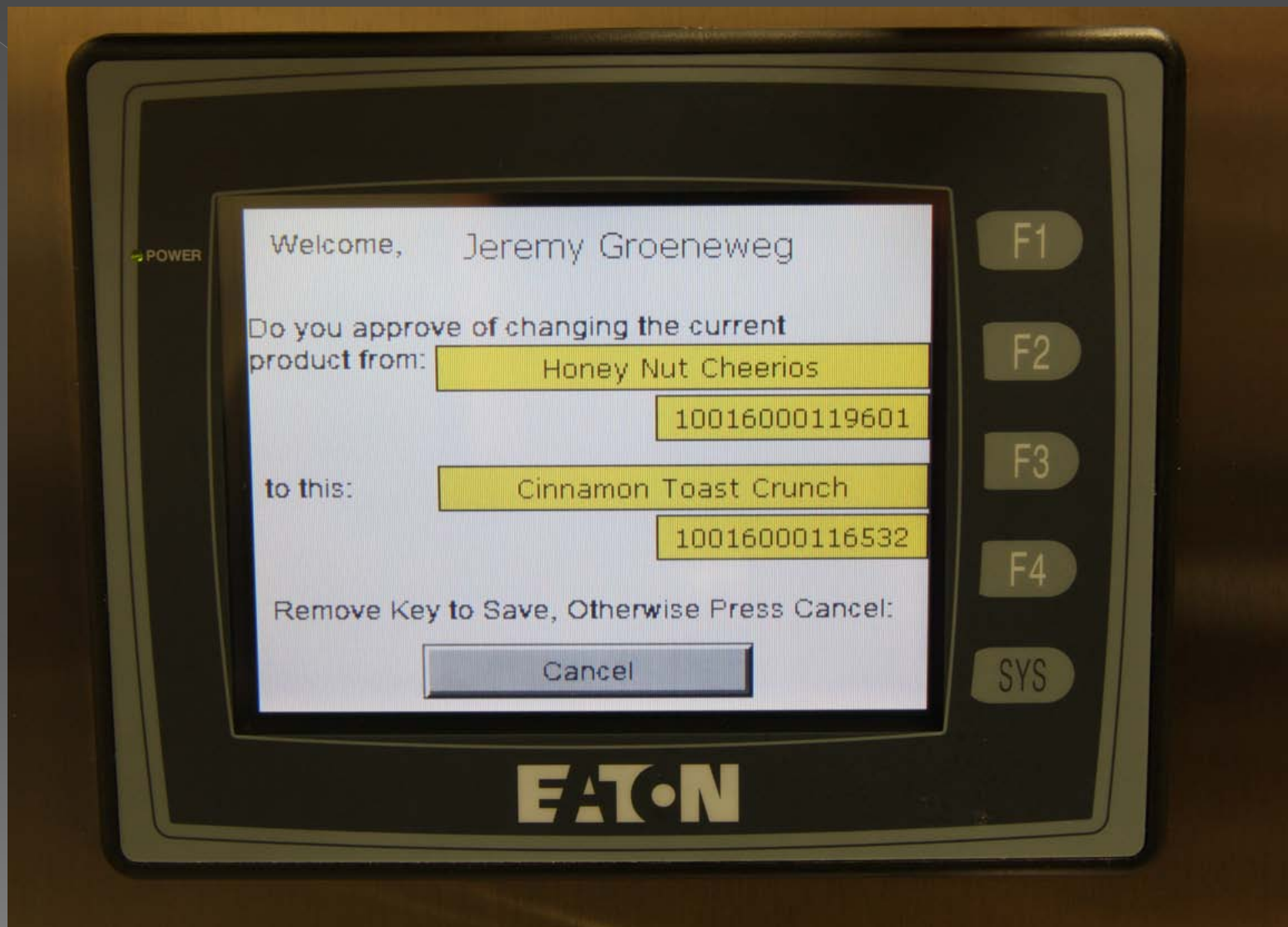
The operator inserts their key fob into the wash down rated EKS slot in the front of the panel, this identifies who made the change and when it was made.



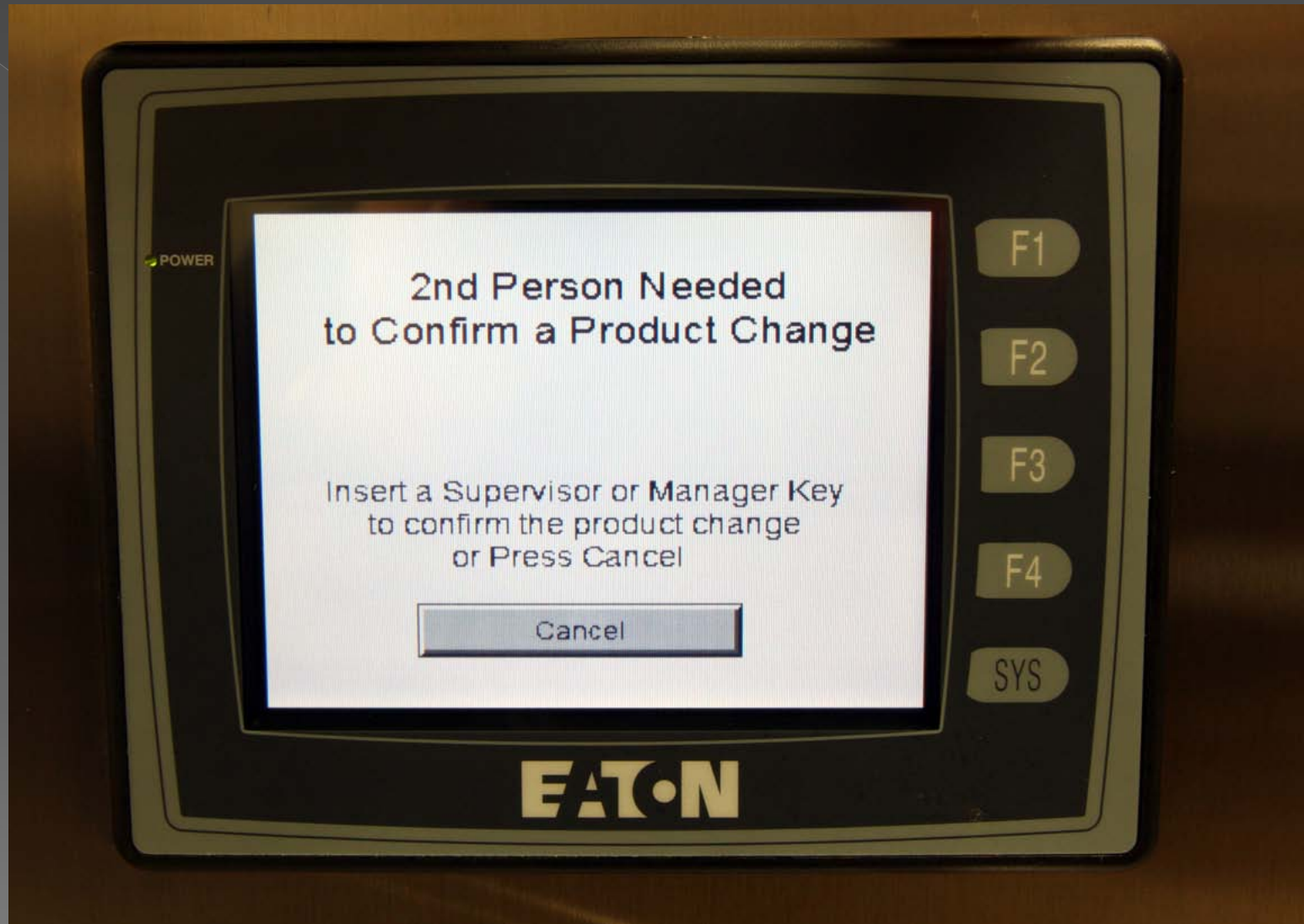
The encrypted key is read logging the operators name, time, date and what information was changed in the system.



Once the person qualified to make a product change has logged into the system, a selection screen is displayed and they can choose the next product to be run.

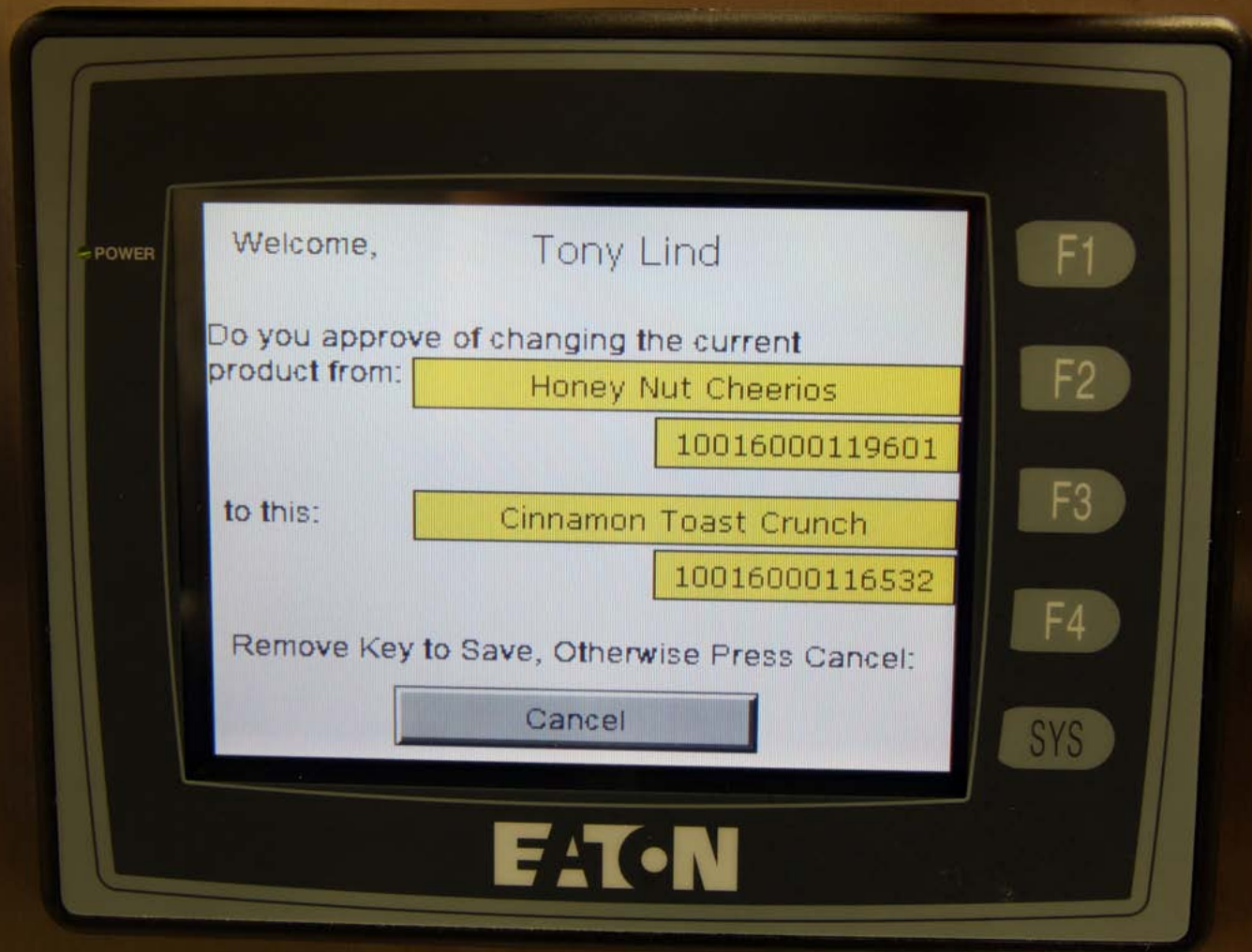


Once they have chosen the product to be run, a confirmation screen comes up clearly identifying the change and who made it. They then remove their key fob.



If a major change is requested such as matching to a new barcode, a second person must log in their electronic key and confirm the product is correct.





Once again, the system identifies who confirmed the change and when it was made.



- Once the key is removed, the system light changes from red to green and the system is back online verifying the new barcodes match and are of an ANSI 0.6 Grade D or better to continue operation.
- If the system detects a problem, the following error screens may be displayed:
 - Mismatch Barcode
 - Barcode Scanner Fault
 - Photoeye Trigger Error
 - Consecutive No Read Fault
 - Inkjet Printer Not Ready
 - Safety Relay Fault
 - Bypass Mode Lockout

POWER

Mismatch Error!

Correct Code:

10016000116532

Last Reading Result:

Mismatch!

10016000119601

Insert Manager or
Supervisor Key to Reset

F1

F2

F3

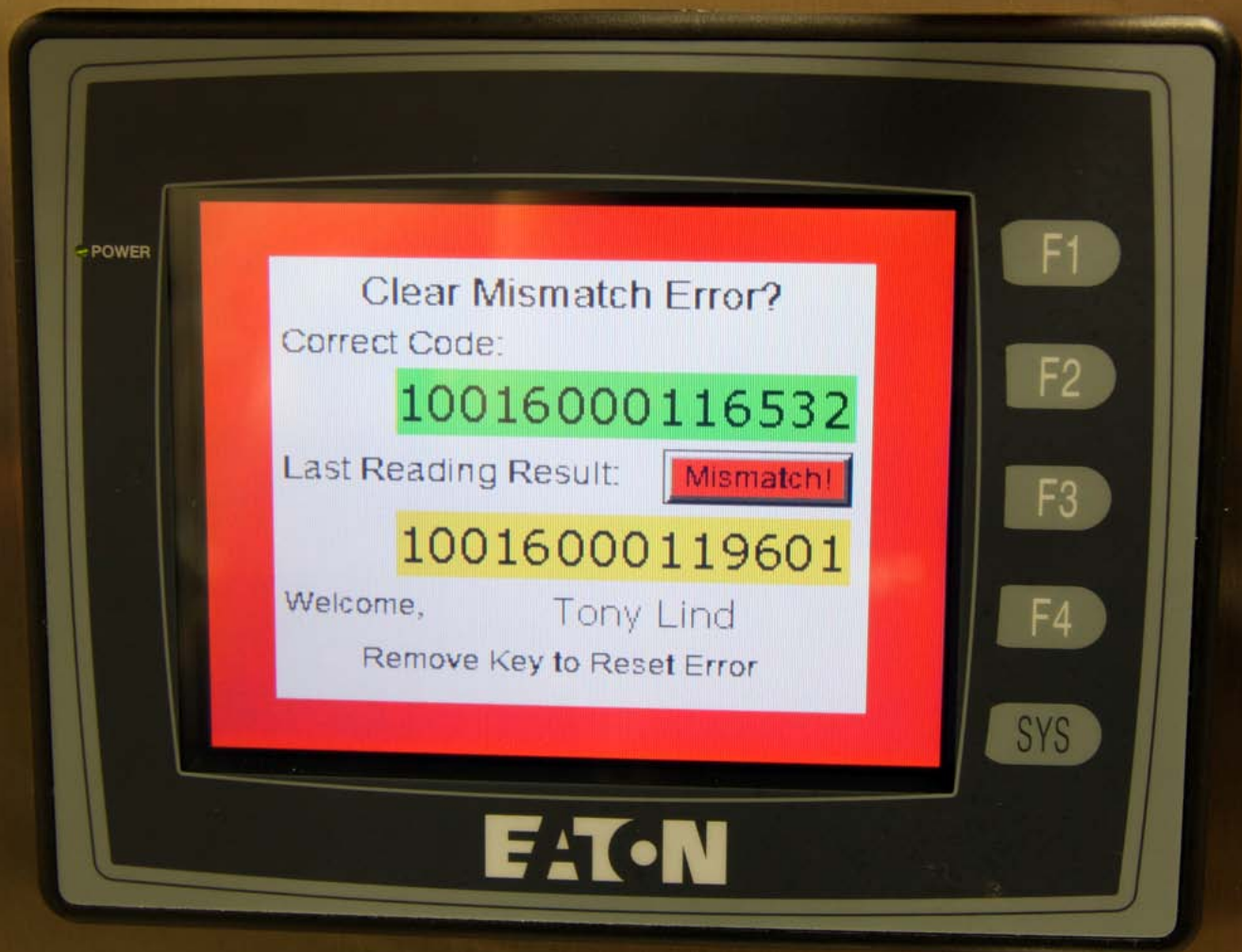
F4

SYS

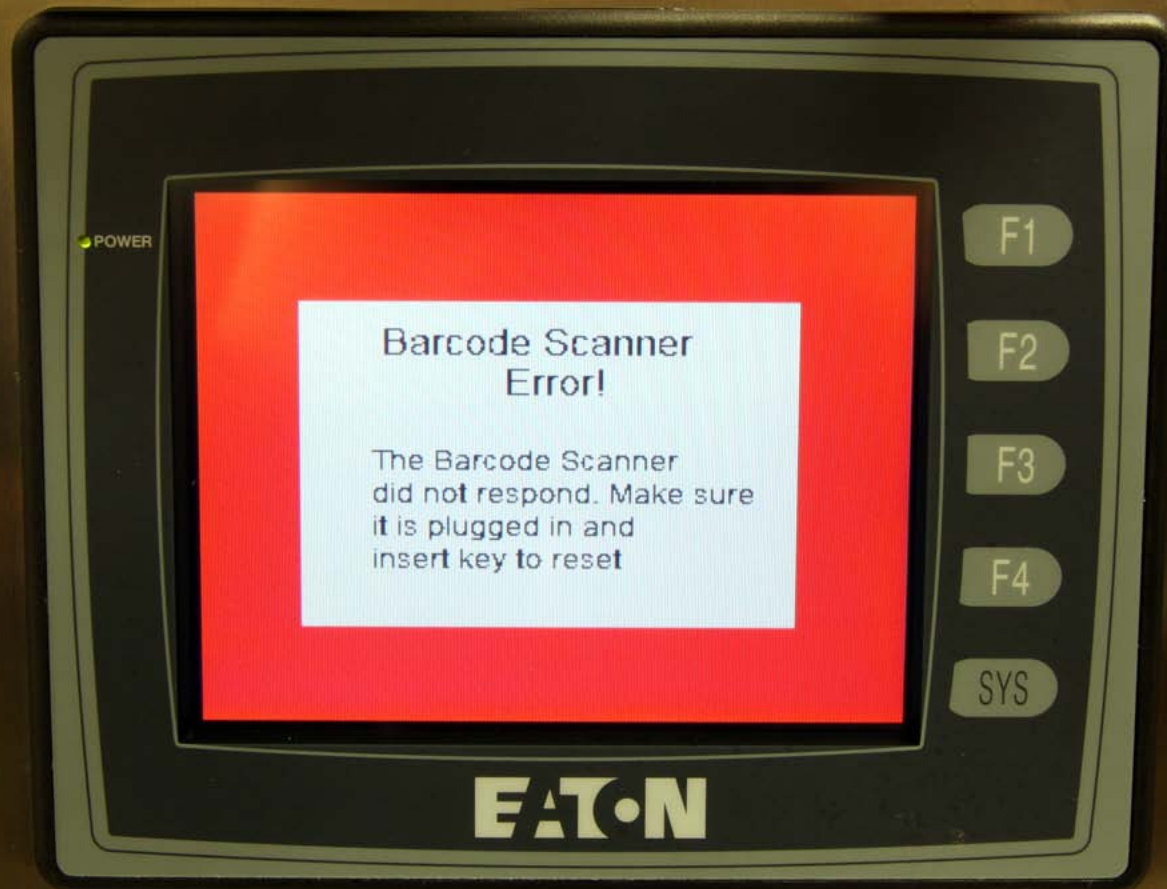
EATON



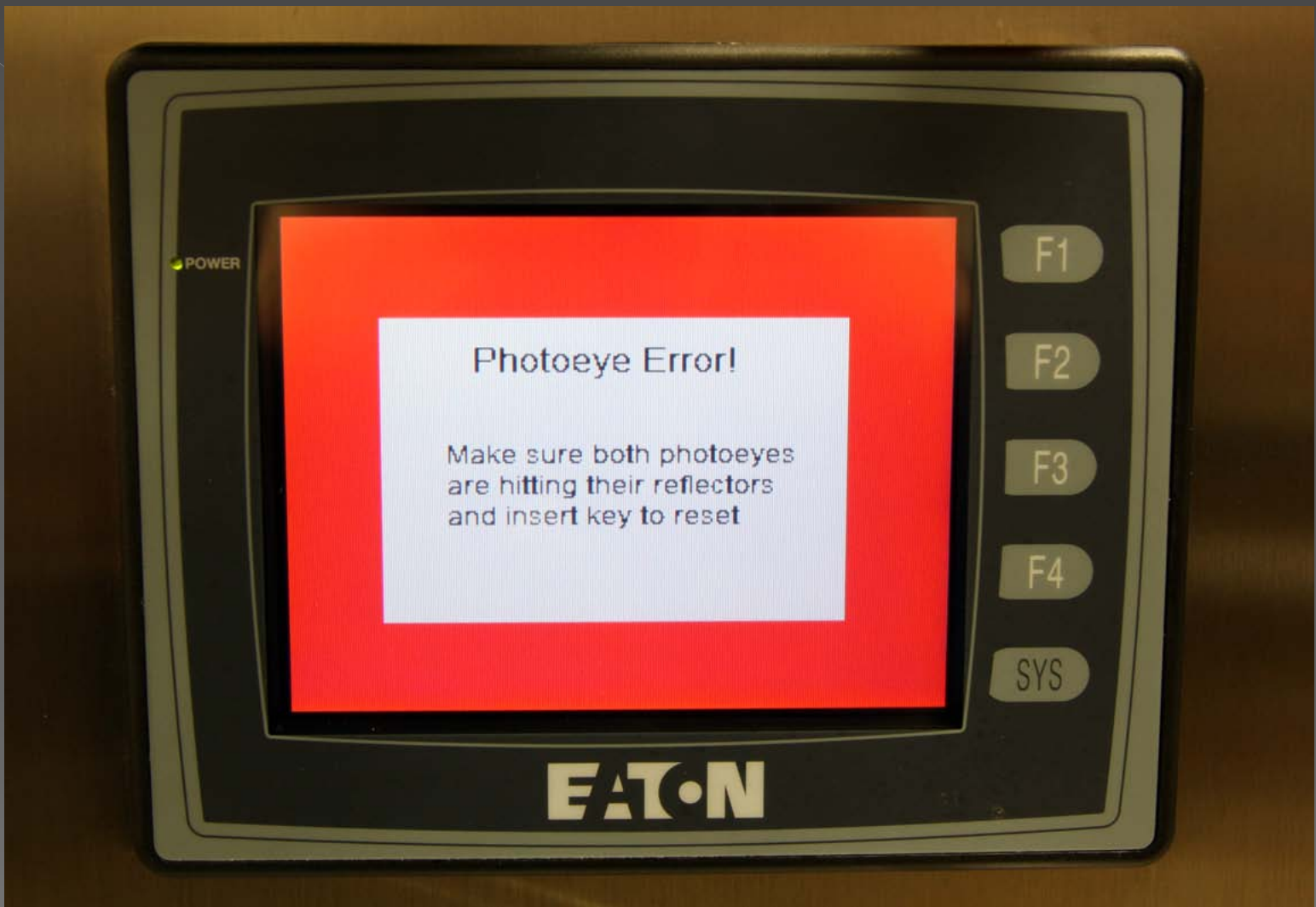
Here is our error logging once again, who acknowledged it, and when.



Note the logging of the operators name.



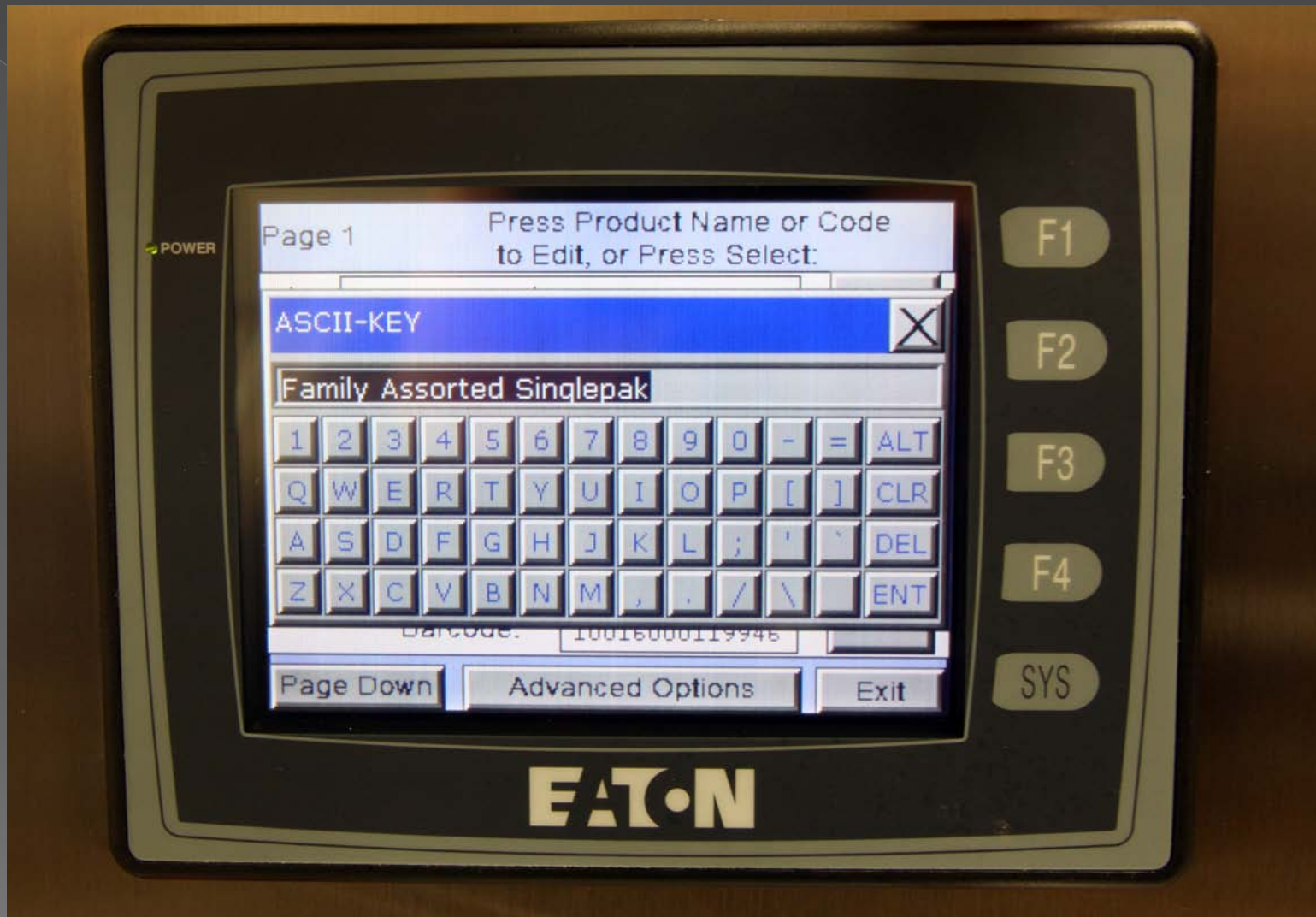
We have the ability to detect if the scanner, its outputs, or its wiring fail during each case scanned.



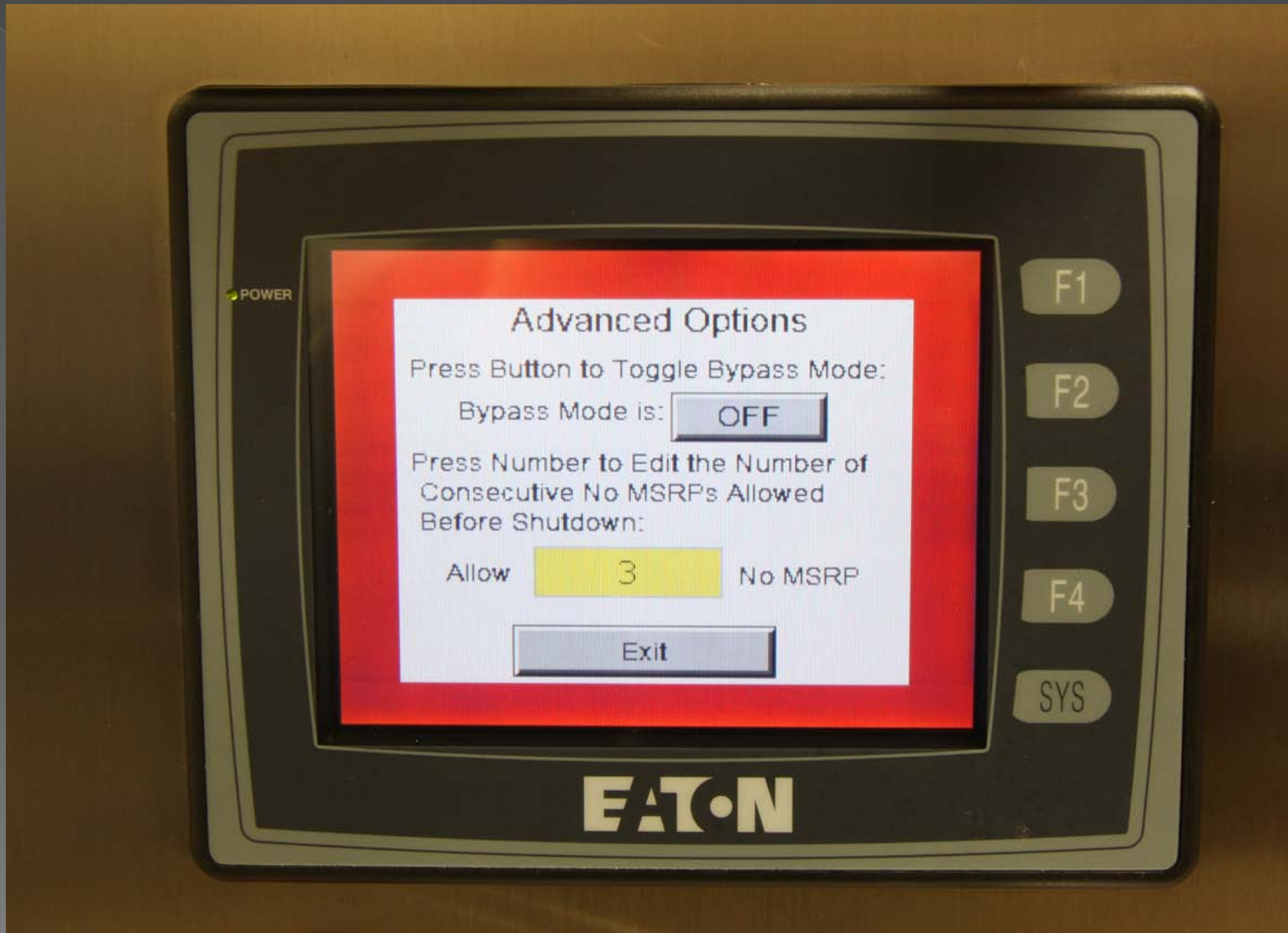
The system can detect if a trigger eye faults during every scan.



The number of consecutive NO READ codes is configurable before a shutdown is called for.



Higher level Keys have access to more advanced features such as editing product descriptions and barcodes.



This is the screen where the advanced level Key holders have access to the Bypass screen as well as the number of consecutive No READ's



Advanced level editing is easy with the touch screen, just tap the field and an interactive display opens up.



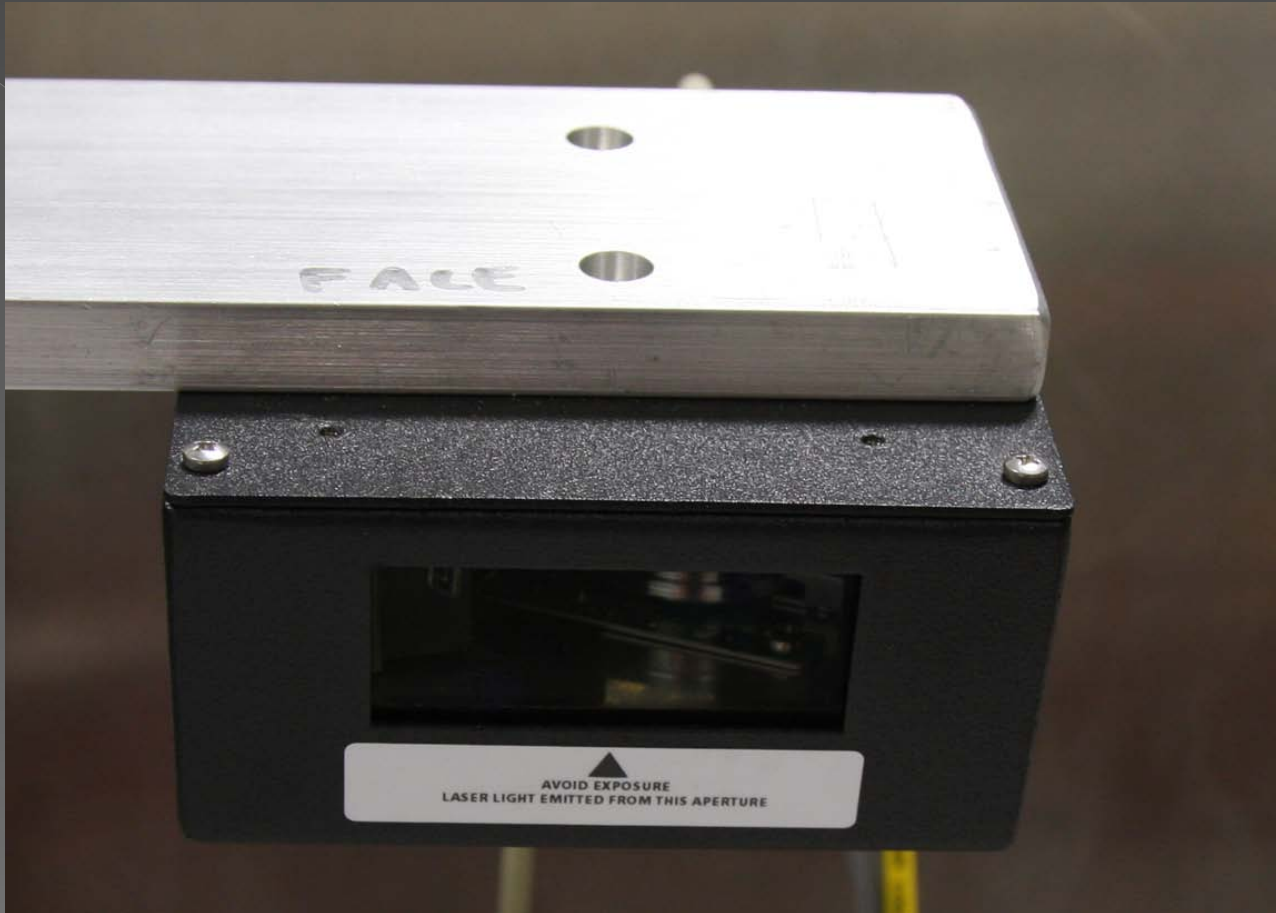
This is the screen displayed when you are in Bypass mode such as if cases without barcodes need to be run.



This screen would be displayed if the back checking on the safety e-stop relay detected that one side of the relay had failed. The machine would still stop as it should but it would not be allowed to restart with a faulty e-stop relay.



The printer ready signals are interlocked with the verifier and the line will not run if the printers are not ready to print.



This is the RJS grading scan head



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The CRIS 20/20 Barcode Grading Verifier

