



### Lesson Description

Error Code E#78 occurs when a node that was programmed into the 1756 DNB Scan List is no longer communicating. It always follows Error Code E#72, which is the first indication of a communication problem with a device. After Error Code E#72 occurs, the 1756 DNB will attempt to communicate with the offending node one more time. If communication is not reestablished, then Error Code E#72 becomes E#78.

### Lesson Scope

Learners who successfully complete this lesson should be able to:

1. Recover the DeviceNet 1756-DNB from Error Code E#78: Single Node Failure.
2. Identify troubleshooting methods and correct malfunctions within DeviceNet
3. Utilize the required knowledge to correct potential faults.
4. Understand the equipment's capabilities and how to ensure malfunctions and deficiencies are addressed quickly.