

# 1203-GK5 OR 1336-GM5 1747-SDN (V3.001 FIRMWARE) EXPLICIT MESSAGING LOCKUP

APPLICATION NOTE

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## PURPOSE

The purpose of this document is to provide information about a potential explicit messaging lockup problem that may appear with 1747-SDN DeviceNet scanners with V3.001 flash firmware. This document also explains how to avoid the problem.

## INTENDED AUDIENCE

This application note should be used by personnel familiar with the hardware components and programming procedures necessary to operate SCANport devices. It is also assumed that the user has some familiarity with

## WHERE IT IS USED

This application note addresses a specific issue in many different applications. Some changes by the user may be necessary to apply the concepts of this document to a specific application.

## PRODUCTS AFFECTED

1203-GK5	All modules
1336-GM5	All modules
1747-SDN	V3.001 flash firmware

*NOTE: In this document "1203-Gx5" refers to both the 1203-GK5 and the 1336-GM5.*

## PROBLEM DESCRIPTION

Firmware version 3.001 adds explicit messaging capabilities to the 1747-SDN DeviceNet scanner module. If the SCANport cable is disconnected while explicit messages are being performed to a SCANport device, the 1747-SDN could return an error code of 15. If this occurs, no further explicit messages can be sent and this condition can be reset ONLY by cycling power to the 1747-SDN.

This problem may happen with other DeviceNet products with similar symptoms.

The next version of the 1747-SDN flash firmware is expected to fix this problem.