

TI C2000 Toolbox SCI Read SCADA Widget

This document describes *SCI Read* SCADA widget from TI C2000 Toolbox widget library.

Short description

SCI Read widget is used to read messages from the COM port that is connected to the MCU. In order to successfully read (receive) data from the MCU, generated code must include [SCI Send Schematic Editor component](#) (and vice versa, *SCI Read* widget should not be present on SCADA panel if [SCI Send](#) is not included in generated code). One instance of *SCI Read* widget should be used for each message included in [SCI Send](#).

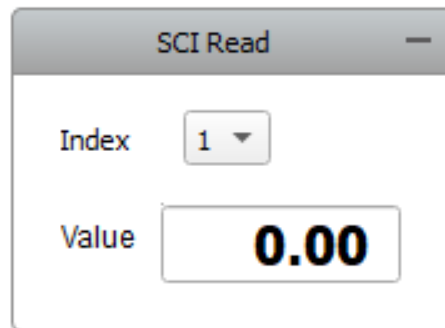


Figure 1. SCI Read widget.

IMPORTANT NOTE: [SCI Setup Schematic Editor component](#) and [SCI Setup SCADA widget](#) must be configured before attempting to read any message. Also, [Sending pace](#) property must be set to 'on ping'.

Parameters

- **Index** - message identification (index of the vector element). Messages are organized in the same way as they are in [SCI Send Schematic Editor component](#).
- **Value** - message content (number) received from the MCU.