

# SystemC Configuration, Control & Inspection (CCI) Working Group

## QUICK LINKS

- [Download Configuration LRM Draft](#)
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## Charter

The SystemC Configuration, Control and Inspection WG is responsible for developing standards that allow tools to interact with models in order to perform activities such as setup, debug and analysis.

Chair: Trevor Wieman, Intel Corporation

Vice-Chair: Mr. Bart Vanthournout, Synopsys

## Scope

This group is defining standards for the exchange of information between SystemC models and tools. The goal of these important standards is to improve efficiency and ROI for both model creators and tool providers. They will allow suppliers to instrument models so that a rich user experience is enabled, and they will allow industry tools to leverage this instrumentation to provide powerful debug and analysis capabilities. The WG is initially focusing on configuration for which the requirements specification has been publicly reviewed; development of a draft standard is underway. Future areas being considered are visibility (internal state, power data, performance stats, etc.) with monitor/trace controls, model-specific command/control messaging, registers, and save/restore functionality.

## Background

In December 2017, the CCI Configuration Requirements Specification was released for a public review period that extends through March 18, 2018. Supplemental materials in the review kit include an overview presentation, proof-of-concept implementation, and more than 20 examples. For more detailed information about SystemC CCI, [read this article >](#)

[Download the LRM here >](#)

Technical feedback and questions from the public can be posted to the [Community Forum](#) or emailed to [cci-review@lists.accellera.org](mailto:cci-review@lists.accellera.org).

## Join this Working Group

If you are an employee of a member company and would like to join this working group, [click here](#) (requires login) and click Join Group. WG participation requires right of entry by the group chair.