

SystemC TLM 2.0 and what it means to Cadence

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TLM 2.0 Questions We're Being Asked

- Why is Cadence encouraging a move towards TLM 2.0?
 - Fosters eco-system of TLM IP
 - Fosters eco-system of training, consultants, books, etc.
 - Broaden ESL market
 - Enable early SW and HW development
 - Enable early architectural analysis
 - Enable verification reuse
- Which ESL Cadence tools/capabilities are leveraging TLM?
 - Incisive® Simulation
 - Palladium®/Xstreme® Transaction Based Acceleration



Status of TLM 2.0 support within Incisive today

- TLM2 Draft 2 has already been tested with Incisive
- Once OSCI ratifies TLM 2.0, Incisive will have:
 - TLM2 API & examples tested and delivered with Incisive
 - Examples, documentation for TLM2 transaction visualization
 - Enhanced Debug and visualization capabilities in IUS for TLM2
 - Adaptors & examples to enable TLM2 usage with Cadence HW acceleration
- As TLM2 adoption proceeds, Cadence plans to leverage TLM2 in additional tools and capabilities