

# Milkyway™ Interoperability Panel

EDA Interoperability Developers'  
Forum

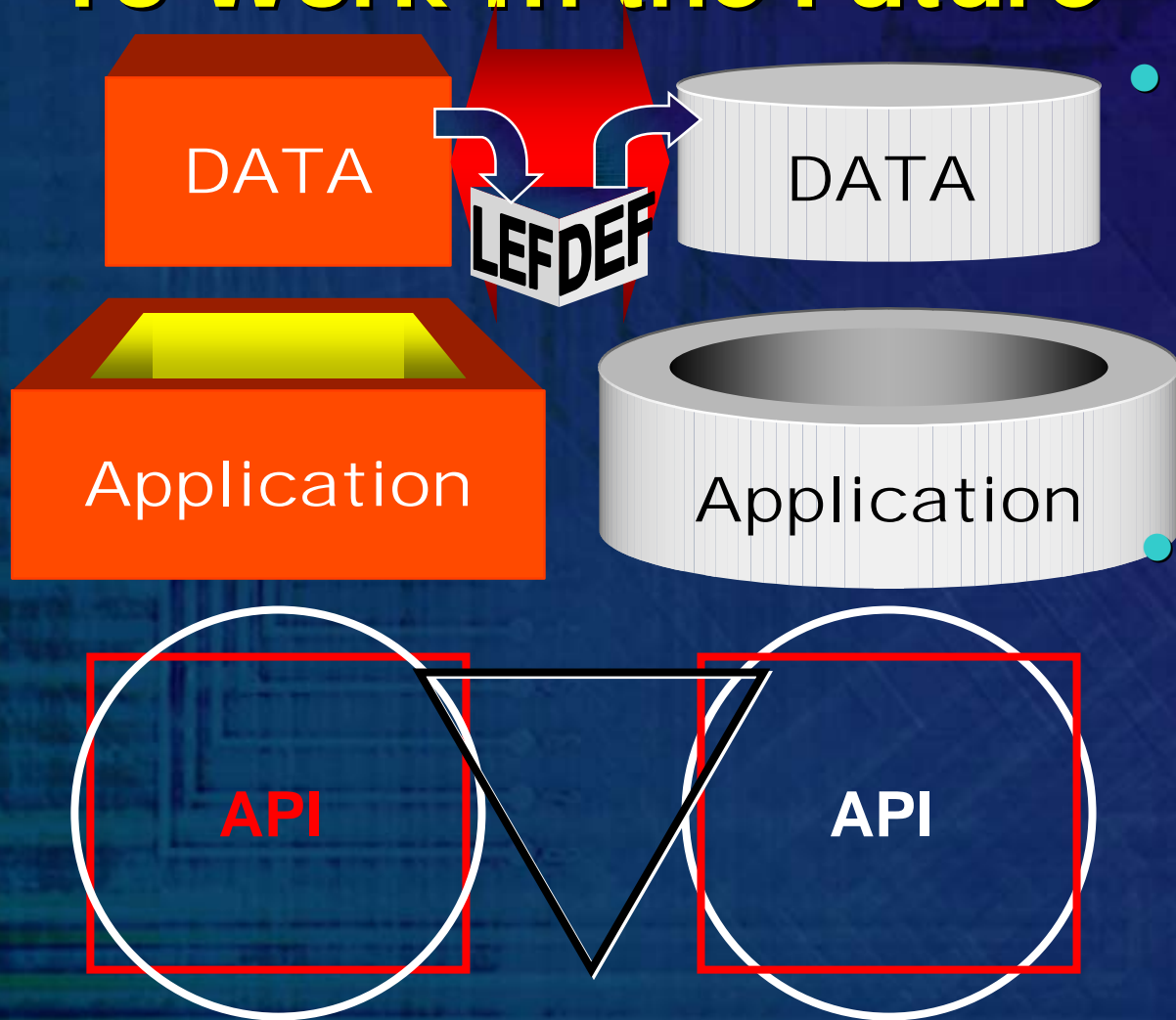
April 10, 2003

Gary Smith

Chief Analyst, Design & Engineering

Gartner Dataquest

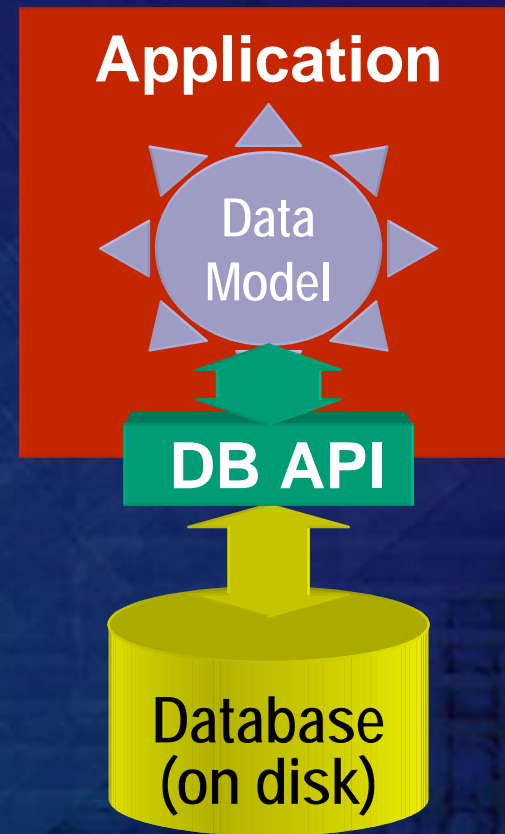
# File-based Translation Is Not Going To Work In the Future



- Time Consuming
  - Data sets too large
  - Does not usually support incremental or partial access
- Data semantics are not exact match
  - data not translated perfectly-requires manual touchup
  - Lossy transfers through the flow
  - Intermediate Files have own semantics

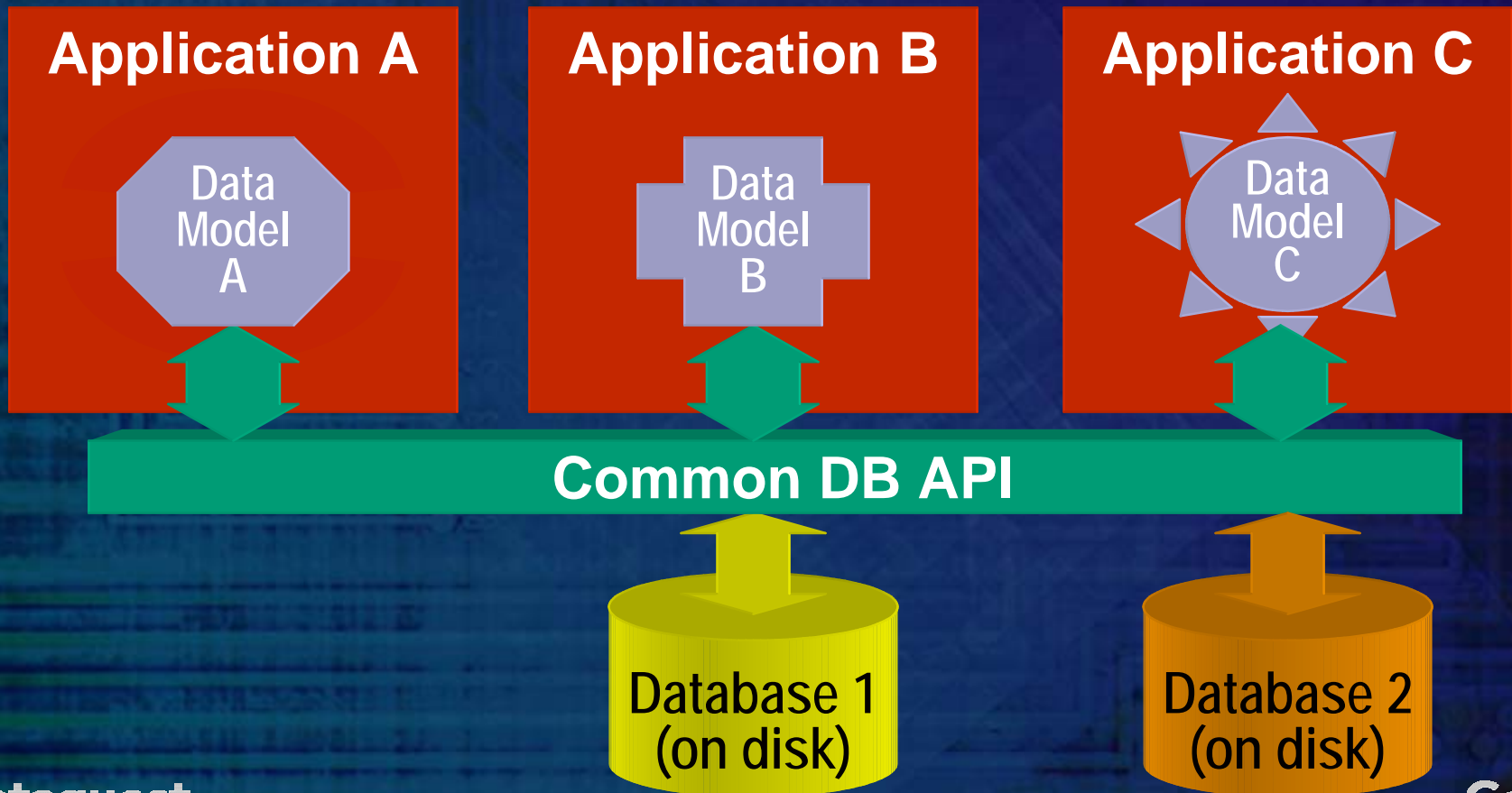
# Three possibilities

- Common API
- Common Data Model
- Common Database



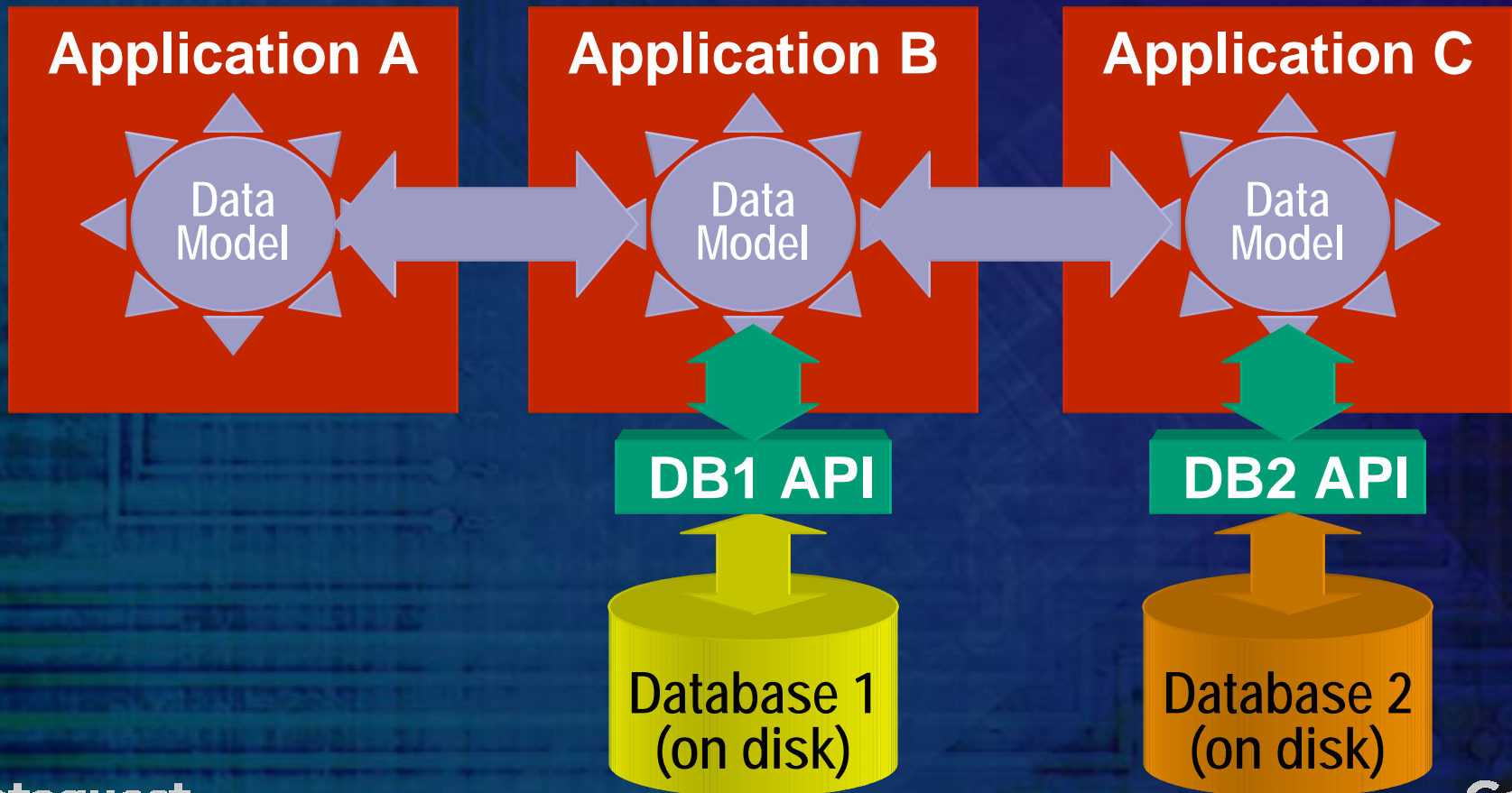
# Three possibilities

- Common Database API



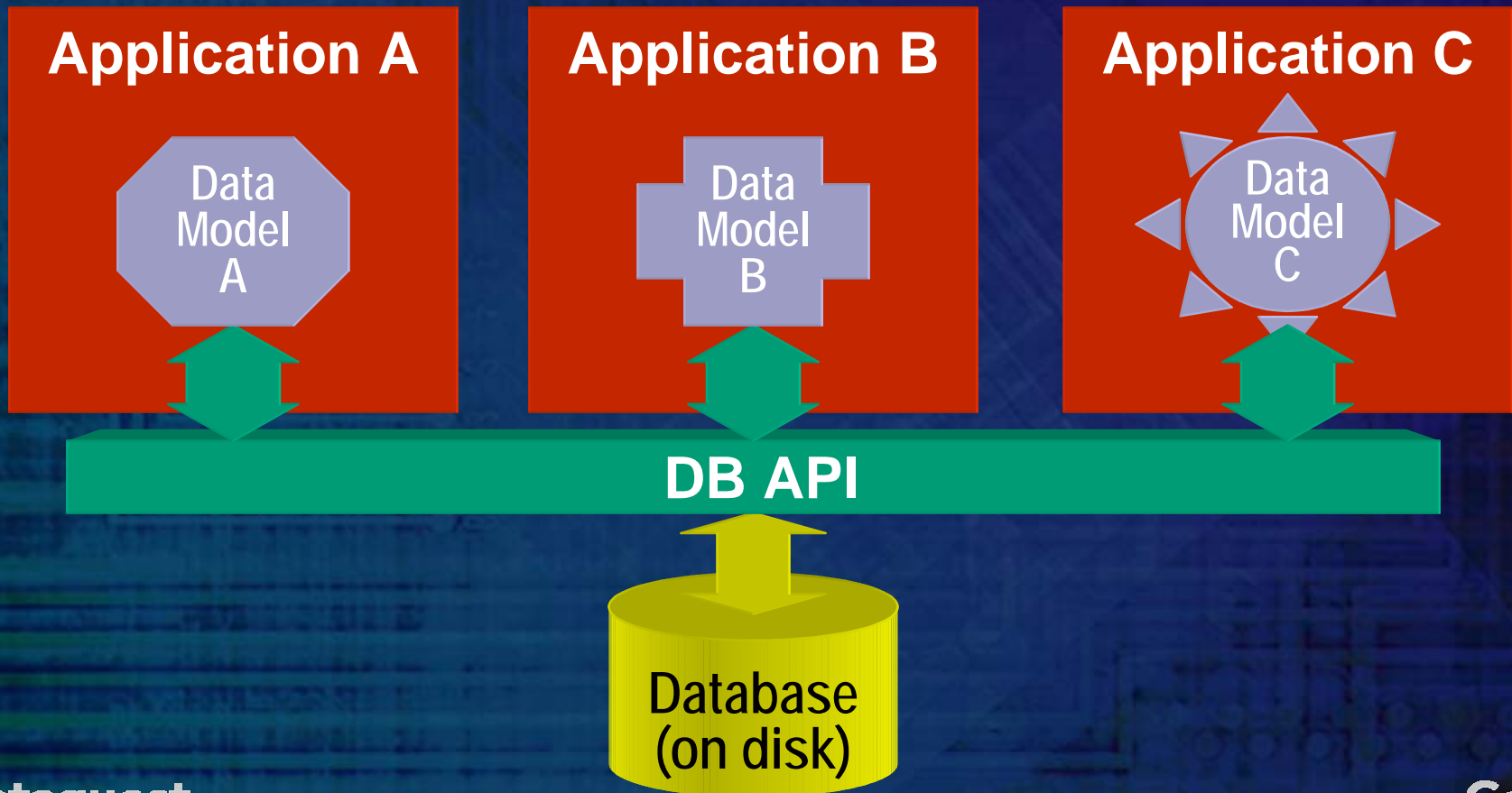
# Three possibilities

- Common Data Model



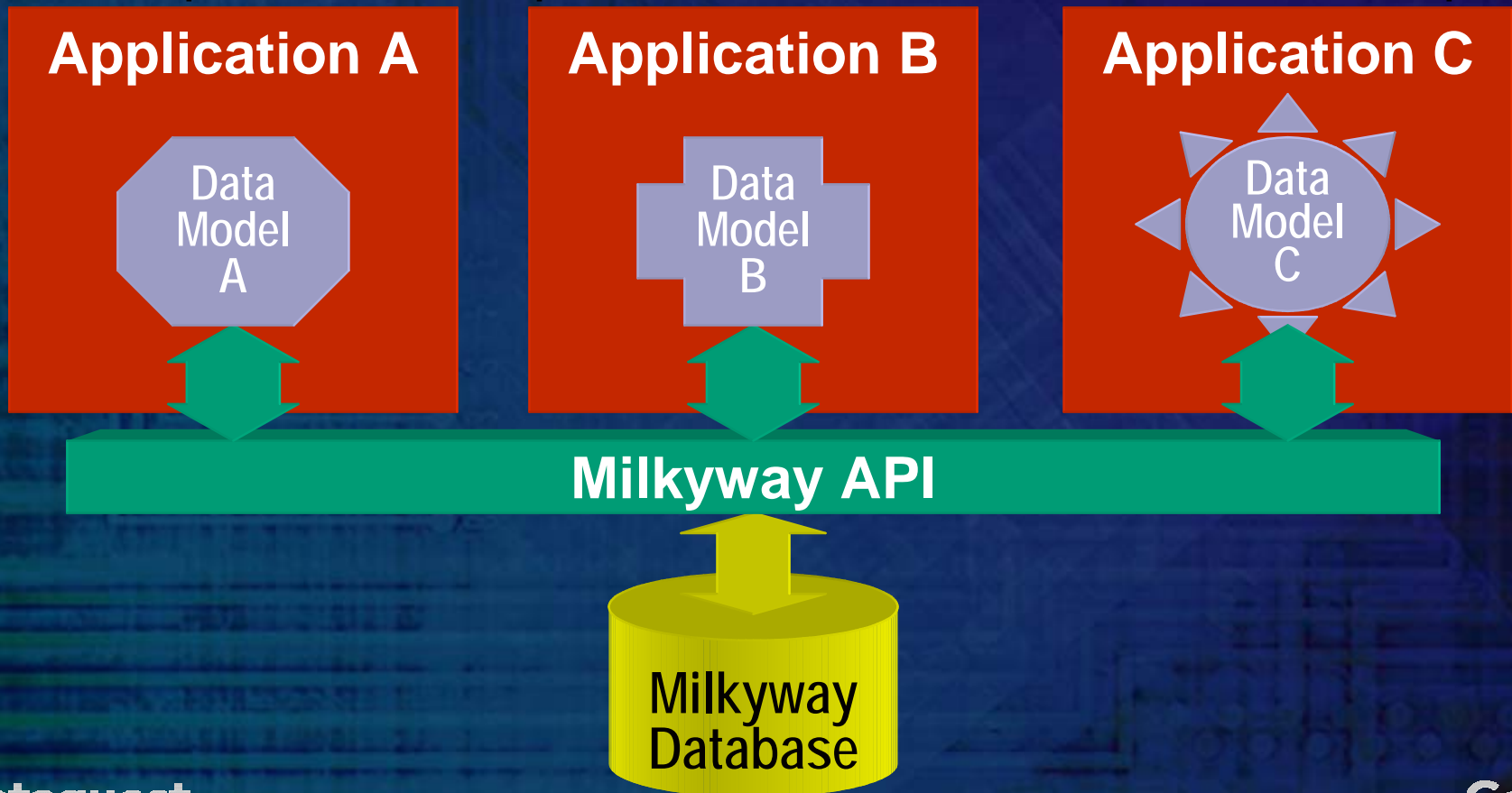
# Three possibilities

- Common Database (Implies common DB API)



# The Panel: Synopsys' Milkyway

- Common Database and API solution
- Opened on Feb 3, 2003
- Experiences, Expectations and Plans from four companies



# Our Panelists

- Doug Lundin
  - Director, SMD Alliances, Synopsys, Inc
- Rajesh R. Berigei
  - Manager, Software and Tool Integration group, National Semiconductor
- Rajiv Kapur
  - Director, Corporate ASIC Methodology for Physical Design and CAD infrastructure, LSI Logic
- Anthony Nicoli
  - Director of Marketing, Calibre Products, Mentor Graphics Corporation