



Coventor at a Glance

COMPANY OVERVIEW

Coventor[®] is a market leader in automated solutions for developing semiconductor process technology, as well as micro-electromechanical systems (MEMS). Coventor serves a worldwide customer base of integrated device manufacturers, memory suppliers, fabless design houses, independent foundries, equipment manufacturers, and R&D organizations.

Our semiconductor process modeling and analysis platform is used for fast and accurate “virtual fabrication” of advanced micro- and nano-fabrication processes, allowing engineers to understand manufacturing effects early in the development process and reduce time-consuming and costly silicon learning cycles.

Our MEMS design solutions are used to develop MEMS-based products for automotive, aerospace, industrial, defense, and consumer electronics applications, including smartphones, autonomous vehicles, and the Internet of Things (IoT). Our software and expertise help customers predict the structures and behavior of their designs before they commit to time-consuming and costly actual fabrication.



- Founded in 1996
- Headquarters in Raleigh, NC
- Offices in 5 countries

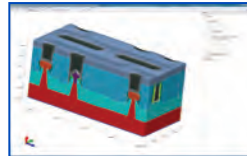


- Expert, world-class support teams
- Wholly-owned subsidiary of Lam Research Corp.



Coventor, Inc.
9121 Anson Way, Suite 200
Raleigh, NC 27615
617-648-8388
sales@coventor.com

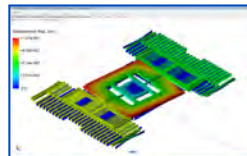
PRODUCT OFFERINGS



SEMulator3D[®]

A Virtual Fabrication Platform for Advanced Process Development

- **Product Description:** A software platform providing a complete virtual fabrication environment that parallels the capabilities of actual fabs
- **Applications:** Applicable to all scales of integrated semiconductor manufacturing, regardless of device type and processing complexity
- **Benefits:** Identify process problems before fabrication to decrease costly, time-consuming silicon learning cycles. Perform variation experiments not feasible in the actual fab.



CoventorMP[®]

A Unified Platform for MEMS Design Automation and IoT Integration

- **Product Description:** An integrated environment for MEMS design automation, combining Coventor’s industry-leading software tools for MEMS design, CoventorWare[®] and MEMS+[®]
- **Applications:** Used by leading MEMS companies, foundries, and R&D centers worldwide to design a wide range of MEMS, including accelerometers, gyroscopes, pressure sensors, microphones, actuators, micro mirrors, microbolometers, switches, resonators, and more
- **Benefits:** Accurately predict MEMS device behavior prior to fabrication. Explore design concepts and optimize designs up to 100X faster than with conventional finite element modeling.

Connect with us:



www.coventor.com