



BUSINESS PROFILE



Carli, Inc. is a company specializing in analyzing the **performance of buildings, building envelopes and architectural components**. The company's focus is concentrated in the following areas: thermal performance of building envelopes (i.e., windows, doors, walls, and insulation systems), structural and acoustical performance of architectural components, and energy performance of whole buildings

Carli, Inc. has been serving the building industry for the past 10 years and is committed to excellence in its work, customer support and care, and in providing products and services at competitive prices.

Carli, Inc. provides a whole range of services and offers number of products for sale. The list of most important products and services is provided here:

- Engineering software tools, development and technical support
- Software training
- Research & Design assistance
- Whole building energy simulations
- NFRC certified simulations
- Testing services
- Structural analysis

PARTNERS:

Dr. Charlie Curcija is the president of Carli, Inc. and holds a Ph.D. degree from the University of Massachusetts. He is an internationally recognized expert in the field of thermal performance of fenestration systems and has authored over 30 technical papers and publications. Dr. Curcija was instrumental in the development of ISO15099 standard, which has become a technical basis for the new National Fenestration Rating Council (NFRC) certification system. Dr. Curcija is the leading technical expert in the area of the thermal performance of windows at NFRC and is very active on several NFRC committees. He is collaborating on the development of THERM and WINDOW computer programs with Lawrence Berkeley National Laboratory (LBNL) and is a member of the program development team. He also works on several other software projects in service to the fenestration and building industry. Additionally, Dr. Curcija is a certified simulator for NFRC program.

Dr. Mahabir Bhandari is the senior energy analyst for Carli, Inc. and has over 10 years of experience in the field of energy performance of buildings. Dr. Bhandari obtained his Ph.D. degree from the Indian Institute of Technology, Delhi, India. Before joining Carli Inc., he worked as a Guest Scientist at KFA Juelich, Germany, as a Project Scientist at the Indian Institute of Technology, Delhi, India and as a Senior Post Doctoral Fellow at the University of Massachusetts, Amherst. He has published more than 15 papers in various International journals and conferences and is a voting member of the ASHRAE TC4.5 Technical committee and NFRC. Dr. Bhandari is the chief NFRC certified simulator for Carli, Inc. however his other areas of specialty include, building energy simulation, thermal performance of building envelopes thermal measurements and HERS ratings.