

# Project Profile



## Rayconnect, Inc. Rochester Hills, MI



### LEED Facts

Rayconnect, Inc.  
Rochester Hills, MI

LEED for New Construction  
Certification awarded January 27, 2010

**Gold** **39\***

Sustainable Sites 6/14

Water Efficiency 4/5

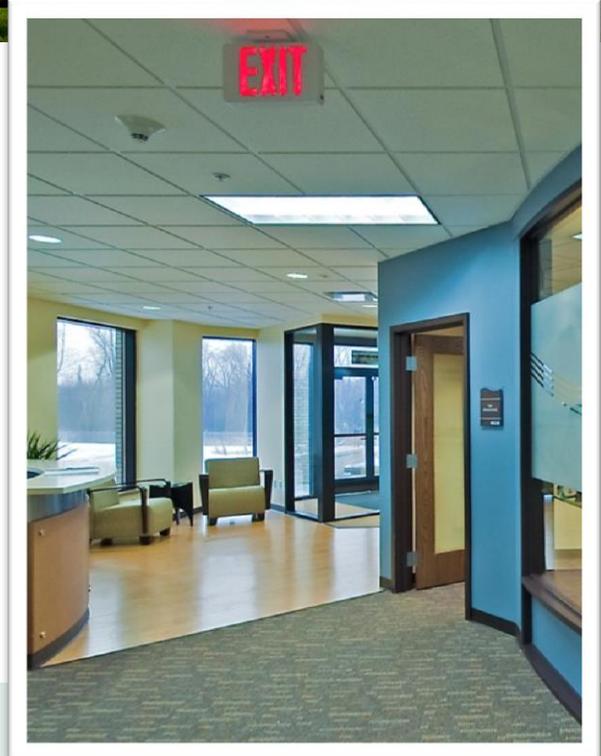
Energy and Atmosphere 8/17

Materials and Resources 7/13

Indoor Environmental Quality 10/15

Innovation in Operations 4/5

\*Out of a possible 69 points



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### Responsibility

“One of our main goals was to build a facility that would demonstrate our commitment to environmental responsibility, and that is what drove every aspect in the design and construction of the facility,” said Earl Brown, President, Rayconnect, Inc. of the 80,000 square foot, state-of-the-art manufacturing facility in Rochester Hills, Michigan.

Rayconnect had two goals for the new building: To create a highly collaborative and extremely efficient facility, and to demonstrate leadership in building and operating an environmentally thoughtful facility.

### Leadership

Industrial facilities typically have more challenges when it comes to LEED. With thoughtful planning and a dedicated team managed by an experienced LEED Project Administrator, Rayconnect was able to incorporate many strategies to help earn LEED Gold Certification. During construction, 40% of construction materials came from regional sources, and another 30% of materials used recycled content. 50% of wood products used were from FSC-Certified sources.

In addition to thoughtful use of natural light recycled construction materials, Rayconnect’s building incorporates many specifically “green” features:

- Rain water capture system for outside irrigation results in a 50% reduction in potable landscape water use
- High efficiency lighting systems, including automatic control and sunlight harvesting
- High efficiency cooling tower/chiller that processes water used during manufacturing
- Facility-wide energy management system
- Designated parking for hybrid-electric and plug-in electric vehicles

One additional step was to conduct a complete building air “flush out” prior to moving into the building. This step ensured the best Indoor Air Quality on the very first day of operations.

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### About Newman Consulting Group

Newman Consulting Group, LLC (NCG), headquartered in Farmington Hills, MI, is a globally recognized authority in energy efficient buildings. The NCG reputation rests on a team of highly skilled engineers, analysts, program managers and professionals certified in efficiency implementation and verification to guarantee a positive ROI. The team helps commercial, industrial and multi-family property owners all over the U.S. implement energy efficiency projects (including renewable energy such as solar, wind, geothermal), eliminate waste, and save money through innovative financing solutions.

### About LEED

The LEED® green building certification program is the national benchmark for the design, construction, and operations of green buildings. Visit the U.S. Green Building Council’s Web site at [www.usgbc.org](http://www.usgbc.org) to learn more about LEED and green building.

LEED Project Administrator: Newman Consulting Group

Building Developer: Kirco Manix

General Contractor: Kirco Manix