



*Oberon, Inc.
IC Sentinel Case Study*

La Rabida Children's Hospital

Providing Care to Children with Lifelong Medical Conditions

La Rabida Children's Hospital was founded in 1896 with the generosity of the government of Spain, and a group of dedicated volunteers, a legacy that continues to the present day.

La Rabida serves approximately 7,500 children annually who require primary and specialty care to address complex and challenging medical conditions. Services and programs include treatment for chronic illnesses such as asthma, diabetes, sickle cell disease, and developmental disabilities.

The La Rabida campus features an inpatient unit with 50 beds, and an outpatient center with 18 examination rooms, a sick and well waiting area, pharmacy, rehabilitation gym and laboratory.

La Rabida's interdisciplinary approach to treatment has been recognized by the National Committee for Quality Assurance (NCQA) for its medical homes programs for children with special health care needs. It was the first facility in Illinois to earn this designation.

NETWORKED MONITORING OF THE PATIENT INDOOR AIR QUALITY ENVIRONMENT DURING MAJOR RENOVATIONS

After learning of the IC Sentinel Hospital Indoor Air Quality (IAQ) Monitoring System at a presentation during the 2012 Healthcare Facilities Symposium in Chicago, IL, La Rabida became a Beta customer and installed the IC Sentinel to monitor a major renovation effort in their older three story facility.

The La Rabida major renovation project has the ability to impact all operational areas of the facility. This renovation is phased, and spans a period of 3 years.

As is common with renovation of older facilities, areas adjacent to renovation are kept operational and patient treatment continues in these occupied areas.

The La Rabida use of IC Sentinel was originally documented in a joint Oberon/La Rabida presentation at the 2013 Healthcare Facilities Symposium, in Chicago IL.

Of particular interest to La Rabida was the ability to measure negative room pressure in construction areas, and to track airborne particulates adjacent to construction areas, as well as throughout the facility.

Using the IC Sentinel system, data was collected initially in the laboratory, pharmacy, and respiratory rehabilitation room.

By monitoring airborne particulates, the barrier effectiveness used by the contractor were continuously monitored.

“The IC Sentinel system has given us confidence that major ongoing facility wide renovation activities will not adversely impact our patient population ”

- Ronald Smith, Facilities Director
La Rabida Children’s Hospital

CHANGING CONTRACTOR BEHAVIOR

All of the contractors performing the renovation were aware of this new Indoor Air Quality (IAQ) monitoring system. It was clear early on that the usage of a system such as IC Sentinel, which provides 24/7/365 monitoring of IAQ could change the contractor’s behavior.

Short-cuts in infection control procedures which might have been previously made were no longer considered acceptable due to the continuous monitoring now in place.

ABOUT LA RABIDA CHILDREN’S HOSPITAL

La Rabida was founded in 1896, and has a mission to provide care to children with lifelong medical conditions regardless of their family’s ability to pay.

Today, La Rabida serves approximately 7,500 children annually who require primary and specialty care to address complex and challenging medical conditions. Services and programs include treatment for chronic illnesses such as asthma, diabetes, sickle cell disease, and developmental disabilities. Patients are served through both inpatient and outpatient care.

La Rabida has been recognized by the National Committee for Quality Assurance, and was the first pediatric facility in Illinois to earn this designation.

ABOUT OBERON, INC.

Oberon is a forward thinking design, engineering, and manufacturing company that has combined function and aesthetics into its complete line of ceiling and wall mounted enclosures for securing wireless access points and other networking products. Founded in 1999 and headquartered in State College, PA, Oberon’s products and services have helped thousands of integrators and end users in the global healthcare, government, transportation & logistics, education, retail, hospitality, and manufacturing markets achieve reliable indoor network connection mobility.

IC Sentinel was added to Oberon’s product line in 2014 as a unique solution to strict new guidelines and regulations set by the FGI and CDC regarding indoor air quality and healthcare infection control.

For more information, please visit www.icsentinel.com