

Case Study – AquaTray – Leak Barrier Ceilings



Case Study - Southern New Jersey Client

A New Jersey Energy Service Provider invested in a multi- million dollar project to upgrade and ensure the management and protection of its facility's critical systems.

An area slated for this project, was the server room. It was prone to ceiling leaks. The cooling towers were located on the flat roof above. Recently acquired were 2 UPS units and 2 CRAC (Computer Room Air conditioning) units. The company purchased and installed the AquaTray® system to provide partial coverage, approximately 170 square footage of protection for their computer room. Installed in a standard ceiling T-Grid were a combination of drainage trays, raised flat panels and flat panels. Areas with sprinkler heads were protected using sprinkler boots. For areas that were “landlocked” (areas between a wall and a drainage panel) raised flat panels were utilized. These panels provide coverage with less drainage fittings.

ERCO, the installing contractor, submitted the project to their local chapter of Associated Builders and Contractors, Inc. and won the Innovation Award in 2014.

AquaTray LLC is the market developer and industry leader in a new class of commercial ceiling system – the **Leak Barrier Ceilings**. Now there is a way to provide a pre-engineered solution to the common problem of overhead leak threats. When the AquaTray® system is installed and inspected, through the permitting process, by local building code officials, the AquaTray® system will meet typical building codes and standards for a Class 1A product. The system provides protection from a sizable leak that is ready 24/7/365. The AquaTray® system provides **true protection and not just detection** in the event of an overhead leak.