The Intelligent Workplace, "Office of the Future", is a living laboratory of office environments and innovations. The building covers 7,000-square-feet and is a rooftop extension of Margaret Morrison Carnegie Hall. The structure provides a technologically advanced setting for research and demonstrations in: heating, ventilation and cooling (HVAC), enclosure, interior and telecommunications components and assemblies. As a "lived-in" office, the Intelligent Workplace provides a flexible environment to assess the performance of new products in an integrated, occupied setting.

**MISCELLANEOUS FACTS**

- **Raised floor**: main data/power distribution spine is threaded through and also main supply air and return air ducts run through.
- **Lighting sensors**: monitor daylight and indoor light levels
- **Air-quality sensors**: monitor indoor and outdoor air temperatures, wind speed, humidity
- **Computer program**: adjusts artificial lighting on the basis of occupancy and daylight levels
- **Motion detectors**: keep track of occupants
- **Adjustable shading system**: the wall automatically adjusts shading devices admit sunlight on cold days and provide shades on warm days