



GIGA FACTORY DRY ROOM

iM3NY CASE STUDY

Endicott, New York

TIMELINE: 12 MONTHS

SIZE: 55,000 SQUARE FEET

SPECIAL FEATURES

ARCHITECTURE -

2 PRIMARY SPACES, PLUS ADDITIONAL AIRLOCKS AND CONVEYOR TUNNELS.

HVAC SYSTEM -

-5 & -40C DEWPOINT SPACES
61500 CFM DESICCANT DH MUA
270,000 CFM HEPA HUB RECIRCULATION AIR
170 TONS IN ROOM SENSIBLE COOLING



TIMELINE

The Airtho design has materials onsite to start critical construction in less than 3 months from date of order.

MAY 2021 - ORDER CONFIRMED

JANUARY 2022 - ROOMS CONSTRUCTED

MAY 2022 - FINAL HANDOVER



ENERGY EFFICIENT



for the highest energy efficiency in the market.
Saving 350 Megawatts per year for iM3NY.



CLEAN



with large glass viewing area + **IntelliGrid** internal ceiling system with bright white AL blanks and LED lighting. Creating a welcome working space.



PROVEN DESIGN

Airtho **SuperSTEEL** tied into the existing building structure to create 20' elevation in 60' tall building.

While, Airtho's **PERFECT PLENUM** provides 45,000 sqft of clear space with walkable plenum cap and no interior walls.

PROJECT HIGHLIGHTS

- **CONVERSION** IM3NY plant was converted from an IBM manufacturing facility.
- **INFRASTRUCTURE** Airtho integrated existing structural steel and chilled water system for efficient in-room sensible cooling.
- **CUSTOMIZATION** Airtho created a hybrid of pre-engineered components and custom spaces that enabled precise design submittals in only 6 weeks.
- **SOLUTIONS** Airtho's flexible project management was able to adapt and execute on a tight schedule with rapid updates to technical needs and a tight budget of a fast growing start-up.



To learn more or receive a quote specific to your project needs, respond here or give us a call at 603-257-0002.