



TEMPEST Encryption Room

Standards:

IEEE 299

EN 50147-1

Project Duration:

**By mutual
agreement**

Specifications

- Electrical isolation from the hoist building
- Connected to a dedicated clean earth
- Shielding effectiveness (9 kHz-18 GHz) according to IEEE 299 & EN 50147-1

Basic Components

- Mains power line filters
- Signal line filters
- RF shielded door
- Honeycomb ventilation panels
- Waveguides for fibre optic cable feedthrough

Premium Components

- Waveguides for air, liquid and gas
- Secured access system interfacing with doors for batch readers or biometric-controlled access
- RC4 anti-intrusion package
- Fully automatic door operation
- STC 50 acoustic isolation package

Life Cycle Support

- Validation testing
- 5-Year performance warranty
- Door maintenance