

# DefenseShield™ EMC Hardened Enclosure

## RF Shielded Cabinet Solution for CyberSecurity

### DESCRIPTION

The prevention of electronic eavesdropping through the control of conducted and radiated emissions is a requirement for mission critical systems. Shielded SCIFs are an option but are permanent infrastructures that are expensive to install and maintain. TEMPEST equipment lags behind current technology or does not exist for innovative applications.

### SOLUTION

The key solution benefit involves allowing organizations to deploy the latest, off-the-shelf equipment while maintaining the highest signal security.

### DEFENSESHIELD™ RF SHIELDED CABINET BENEFITS

#### Lightweight, Rugged Construction

Rack weight does not limit installation locations.

#### Standard Rack Footprint

Seamless integration into data center layout.

#### Cooling

10x 235 CFM fans provide 10kW+ of cooling to support dense installations.

#### Customizable I/O

Customizable I/O panels allow for signal and fiber connectivity.

#### Testing Specifications

CNSA 94-106, MIL-STD-285, IEEE 399, MIL-STD-461



Figure 1 and 2 - DefenseShield™ RF Shielded Cabinet

The Enconnex DefenseShield™ RF Shielded Cabinet allows dense installation of wireless devices while eliminating interference and providing cooling. This cabinet segregates wireless signals inside the enclosure from ambient signals in the application environment. The shielding allows multiple racks with hundreds of servers, access points, and mobile devices to co-exist without cross-talk.