Gunnebo Secure-IT Solutions

Protect your system in the new age

Models: Secure-IT Level 3, Secure-IT Level 3 EMP

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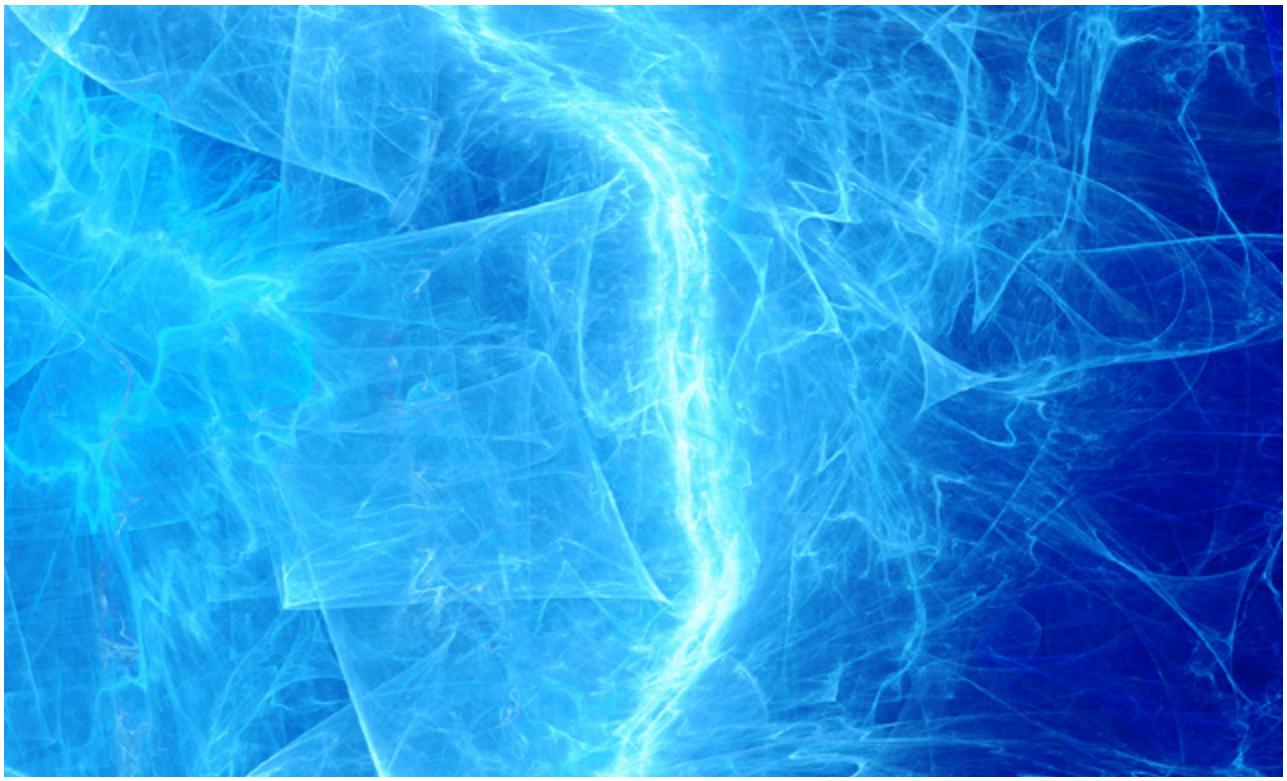
GUNNEBO®



Protect your system in the new age

Incidents of cyber-attacks are increasing. Whilst appropriate protection against hacking is part of any organisation's recovery plan, wilful and malicious attacks or information gathering are more frequently ignored. Thus, IT servers are particularly sensitive because of the information they contain. They are vulnerable to physical attacks espionage and electromagnetic pulse (EMP).

Electromagnetic Pulse (EMP) radiation poses a major risk to even the most advanced—and important—IT systems in the world. EMP is both a natural and manmade phenomenon that can render all electrical and electronic equipment permanently useless. When affected by EMP, electrical grids and all electrical equipment—including computers and IT servers—simply cease to function.

Most worrying is the fact that EMP radiation is already being weaponised against public and private institutions, such as governments, defence organisations or banks. In worst-case scenarios, an EMP attack on electric grids or power plants could plunge an entire country into a "medieval era." Protecting critical infrastructure from EMP is therefore of paramount importance.

Range description

The Gunnebo Secure-IT range of cabinets protects servers with sensitive corporate and government data from intrusion, eavesdropping, and involuntary information bottling through no-disclosure signals. Designed for government agencies initially, the cabinets protect the servers themselves, ensuring that the information they contain is preserved.

The Secure-IT range is plug&play and delivered with all connections and internal fittings to simply connect the servers in the cabinets and operate quickly and easily. Made from highly secure steel, the Secure-IT Cabinets and the high-security safe lock prevent unauthorised access and can be calibrated to meet an organisation's needs. Cabinets can also be anchored in place and thus prevent unauthorised removal and theft.

With the Secure-IT EMP models, information travelling through and stored on a server is secured from:

Extraction

Active shielding prevents the interception and analysis of electromagnetic radiation originating from a server (EMSEC emission security provision). Data interception is blocked through both active and passive shielding.

Espionage

Server access is controlled with a high-security electronic lock. The lock can be made accessible to multiple users, and activity can be traced on an audit trail. The SS 3492-certified outer security cabinet prevents physical connections to the server.

Electromagnetic Pulse

The Faraday effect of the cabinet, combined with the heavy double-door and shielding, protects against high-intensity electromagnetic pulse emissions, whether of natural or manmade origin.

Electronic Information Gathering

It may sound like something out of a science-fiction film, but there is technology today that enables information to be intercepted by listening to and interpreting server emissions. Secure-IT EMP Cabinets are radio frequency-shielded to block these signals and prevent this type of espionage.

Physical threats

Simple aggression can put a server out of commission, and the information it holds can be easily downloaded onto a portable storage device. Secure-IT Level 3 EMP and basic Level 3 Cabinets are certified according to the Scandinavian security norm SS 3492.

Advantages

The Gunnebo Secure-IT range is a security investment for agencies and development companies that are vulnerable because of the nature of the information their servers process. The cabinets are equipped as standard, with electronic high-security locks that are tested and EN 1300-certified.

EMP models protect against electromagnetic disclosure signals, thereby preventing involuntary releases of sensitive information, as well.

Each model can be customised in various sizes and fittings to maximise the cabinet's capacity and ease of maintenance. Connections to external cooling apparatus can also be made where ambient conditions demand it.

The Secure-IT Range

	Level 3 EMP	Level 3
Construction	4mm SS 3492	4mm SS 3492
EMP protected	Yes	No
Tempest protected	Yes	No

Options

	Level 3 EMP	Level 3
Active interiour	Standard	Option
Passive interiour	No	Option

Secure-IT Level 3 EMP (RS 1, RS 2)

Specifications

- A high-level Security Cabinet tested and certified to the SSF 3492 Swedish security standard
- 4 mm single wall construction
- Three-way strong moving bolt work with hinge-side fixed bolts
- Inner and Outer double-door construction, inner door of stainless steel
- Active air circulation with temperature monitoring and alarm
- Fitted with Kaba-Mas 552 V lock but most “magic module” locks can be fitted
- Filtered and secure, 3-phase climate control
- Fully shielded fibre optic cable entry points
- Fully shielded power connections
- 19" racking unit for server installation and optional pull-out unit
- Cabinet fully complies with the SS1 requirement according to M7780:251913
- Sizing Options:
  – 6 sizes ranging from 720 to 1847 litres
  – Two heights, one width and three depths*
  – Floor anchoring provided – front position only located between outer & inner door

**All derived after user consultation*

Dimensions

Model	External height (mm)	External width (mm)	External depth (mm)	Internal height (mm)	Maximum internal width (mm)	Internal depth (mm)	Door Opening	Volume (litres)	Weight (kg)	Server Capacity
RSS 1007	1000	870	850	992	695	695	625	480	450	19
RSS 1007 S	1000	870	760	992	695	605	625	417	420	19
RSS 1011	1000	870	1100	992	695	945	625	652	470	19
RSS 2007	1970	870	850	1962	695	695	625	948	490	38
RSS 2007 S	1970	870	760	1962	695	605	625	825	450	38
RSS 2011	1970	870	1100	1962	695	945	625	1289	560	38

All dimensions are without handles or hinges.

Secure-IT Level 3 (SS 1, SS 2)

Specifications

- A high level Security Cabinet tested and certified to Swedish security standard SSF 3492
- 4 mm single wall construction
- Three way strong moving bolt work with hinge side fixed bolts
- Single steel door
- Option of Passive or Active cooling
  Passive: Air is taken in, passes over the server and is extracted through the roof
  Active: Air temperature is monitored and alarm activated if it exceeds user set parameters.
- Fitted with standard electronic or mechanical lock
- Filtered and secure air in/out points
- Fibre optic cable entry points
- External power connections
- 19" racking unit for server installation and optional pull out unit
- “Plug and Play” server connectivity

Dimensions

Model	External height (mm)	External width (mm)	External depth (mm)	Internal height (mm)	Maximum internal width (mm)	Internal depth (mm)	Volume (litres)	Weight (kg)
SS1007	1000	860	754	992	852	746	631	211
SS1011	1000	860	1105	992	852	1097	927	254
SN3A 1508070	1470	800	700	1462	792	692	801	247
SN3A 15080100	1470	800	1000	1462	792	992	1149	274
SN3A 1507070	1470	700	700	1462	692	692	700	268
SS 2007	1870	860	754	1862	852	746	1184	320
SS 2011	1870	860	1105	1862	852	1097	1740	382
SN3A 1908070	1870	800	700	1862	792	692	1021	292
SN3A 19080100	1870	800	1000	1862	792	992	1463	342
SN3A 1907070	1870	700	700	1862	692	692	892	330

All dimensi*ons are* without handles, hinges or lock projection.