Secure-IT Solutions
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 man-made 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 Class 3 EMP and basic Class 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

<table>
<thead>
<tr>
<th>Class 3 EMP</th>
<th>Class 3</th>
<th>Class 2</th>
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<tbody>
<tr>
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<td>4mm SS 3492</td>
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Options

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Secure-IT Class 3 EMP

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
• Certified, shielded RF 30MHz to 3GHz
• 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

<table>
<thead>
<tr>
<th>Model</th>
<th>External dimensions (mm)</th>
<th>Internal dimensions (mm)</th>
<th>Volume (litre)</th>
<th>Weight (kg)</th>
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</table>
Secure-IT Class 3

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

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Secure-IT Class 2

Specifications
- A demountable lightweight security cabinet for commercial users
- 2 mm single wall construction
- Demountable cabinet – internally accessed connectors allow the cabinet to be taken apart and reassembled for ease of transport and installation
- Light three way 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. In through the front, out through the top.
- 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

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