
CESIUM AB

The Innovation Company

Cesium AB är svenskt företag med utveckling och tillverkning i Katrineholm. Cesium AB är ledande när det gäller Fysiskt skydd av samhällsviktiga anläggningar och förvaring av stöldbegärlig eller kritisk materiel. I nära samarbete med kunden utvecklar vi kostnadseffektiva och skräddarsydda produkter.

Vårt produktsortiment omfattar certifierade högsäkerhets produkter såsom vapen och explosivämnesskåp, mobila förråd, transportcontainer med satellitövervakning, fasta förråd, dörrar och portar, produktionsbyggnader, nodbyggnader och serverhallar.

Cesium AB is a Swedish company with development and manufacturing in Katrineholm. Cesium AB is a leader in physical protection of essential facilities and storage of theft-prone or critical equipment. In close cooperation with the customer, we develop cost-effective and tailor-made products.

Our product range includes certified high-security products such as weapons and explosives cabinets, mobile storage rooms, transportation containers with satellite monitoring, fixed storage rooms, doors and gates, production buildings, node buildings and server halls.

Solutions for Physical Security!

PRODUCTS

Background

CESIUM AB is an innovation company specializing in developing, manufacturing and marketing high-technological security systems and storage of explosive goods, weapons and theft-attractive goods.

We are today the leading supplier of mobile security vaults, doors and stores in Sweden and certified to the European security standard EN 1143-1, Grade III-VI and higher as well as EN 1522 up to 12,7 AP.

Using patented technology and a complex structure of materials, Cesium has developed a shell protection more or less impossible to break through using tools available on the market today, including thermal lances. The structure is also bulletproof.

We develop our products in close collaboration with Swedish scientists and universities, our customers, the armed forces, the police, arms dealers and the explosive sector.

Cesium AB is a qualified ISO 9001:2015 company.

MSV - Mobile Security Vault



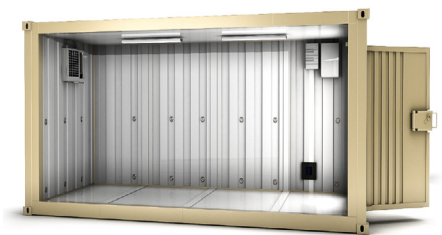
The MSV is tested and classified according to SS-EN-1143-1 Grade VI and up.

The security vault for a demanding world

MSV - The technology is based on a concept using different material in different layers.

The basics of the construction are special metal, fibres and concrete placed in a certain way to make an extra strong wall.

The concept is patented worldwide.



Sea freight container: burglar and bulletproof



Exterior size: 10 or 20 foot
Weight: 9000-19800 kg (depends on level of protection and size)
Protection level:
Grade IV-VI according to EN 1143-1
FB 5-FB 7 according to EN 1521.

Options:

- Electricity
- Climate control
- Ventilation
- Satellite Tracker
- Alarm system
- Local and remote control



Cesium products are tested and certified to withstand 12,7 mm AP Natoammunition (AP = armour piercing).



The security vault for a demanding world

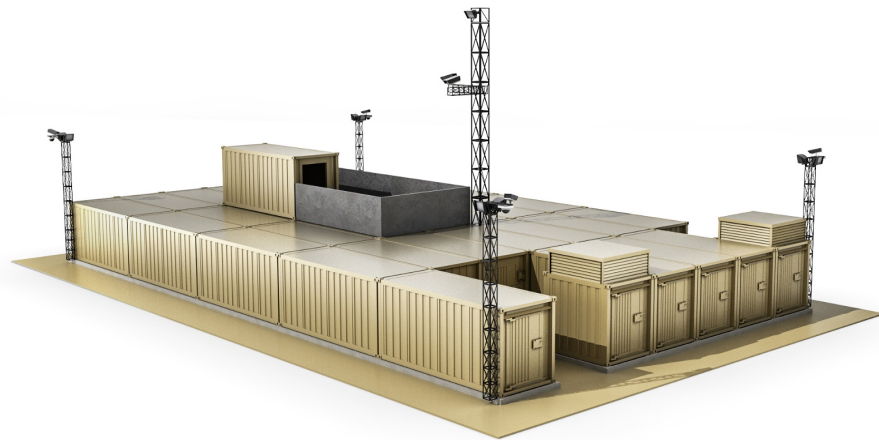
- MSV vault can be delivered to military standards.
- Sections for protection against EMP (electromagnetic pulse) tested according to Tempest and can be supplied according to customer requirements.



Special designed MSV for explosives and weapons

Grade VI and higher.

Operation center and field hospital



Satellite tracked MSV

Certified according to SS-EN-1143-1 Grade VI and up.



Locking device

The locking device can be equipped with up to four independent lock cylinders. As option, another two electronic lock cylinders can be added.

A separate lock cylinder is used for locking during daytime.

Exchange of lock cylinders is easily done with the extractable locking device.



MSV base for safe storage of liquids

MSV are the base to a concept specially designed to the Petroleum Industry (Secoil).



Security guardbooth

Bullet proof (EN 1522).



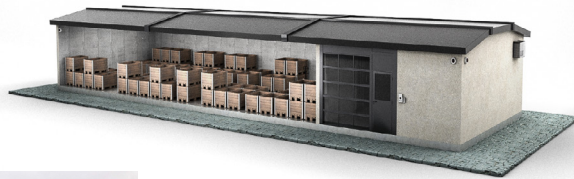
Securebuildings/Data centers/Production rooms

Burglar and bullet proof (EN 1143-1 and EN 1522).



Ammunition and explosive stores

Burglar and bullet proof.
(EN 1143-1 and EN 1522)



Deployable ammunition and weaponstorage

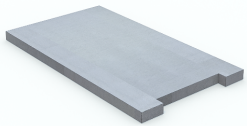
Less than 2 hours to assemble and 2 hours to disassemble.
The storage is tested and classified according to EN-1143-1 Grade VI and up.



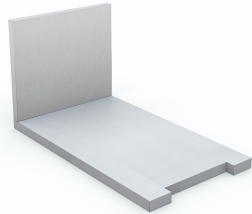
Deployable ammunition and weaponstorage

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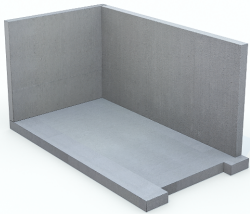
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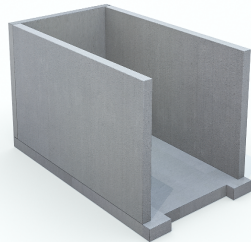
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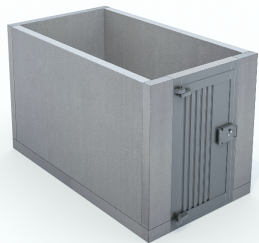
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4



5



6



Doors and gates in Grade VI and higher

Built according to customer specifications. Also large doors.



Standard ex- and arsenalstores



Floor space 60m². Double door.



Floor space 28m². Single door.



Floor space 60m². Single door.

High security data center

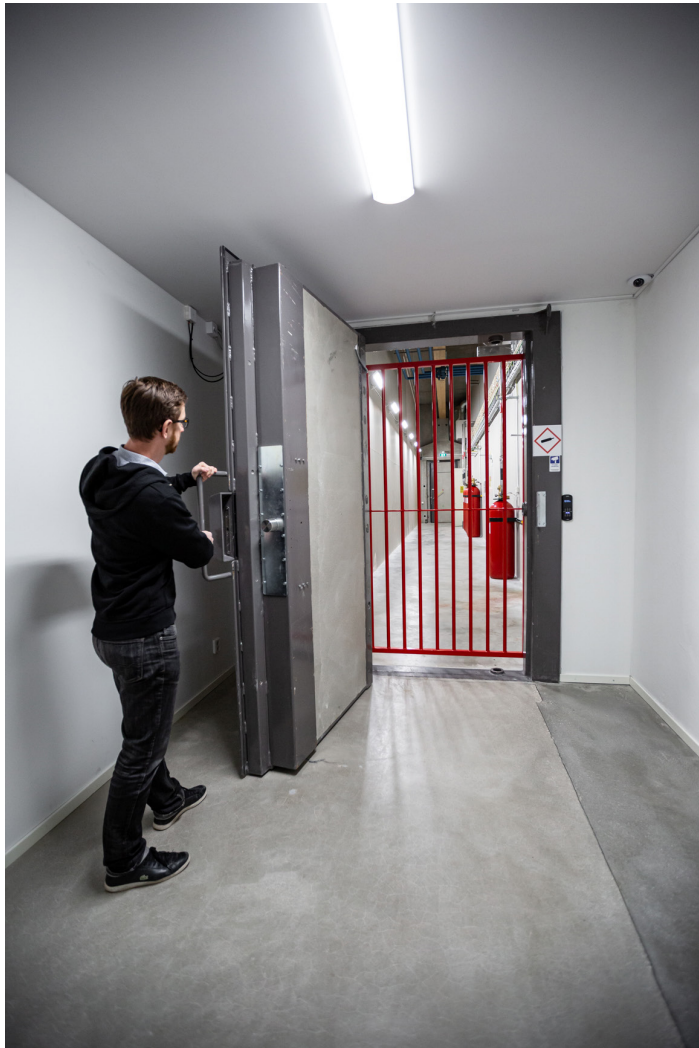


Grade VI high security data center.



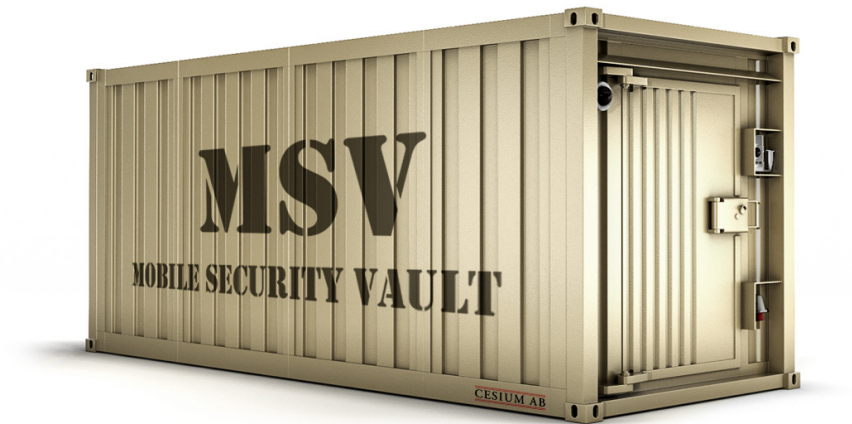
Grade VI protected infrastructure (generators, chillers etc).

Interior from high security buildings

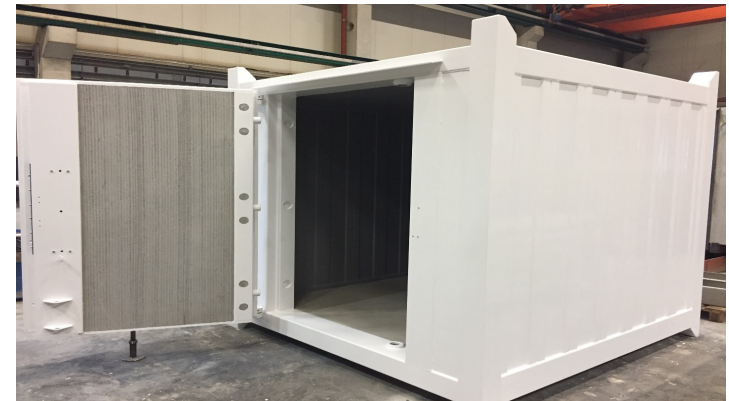


Grade VI physical protected access control, mantrap.

High security sea containers



20 feet sea container. En 1143-2. Grade VI.



10 feet sea container. En 1143-2. Grade VI.

Increased security in existing buildings



Improving security in existing buildings.

High security buildings



Reserve Power Station.

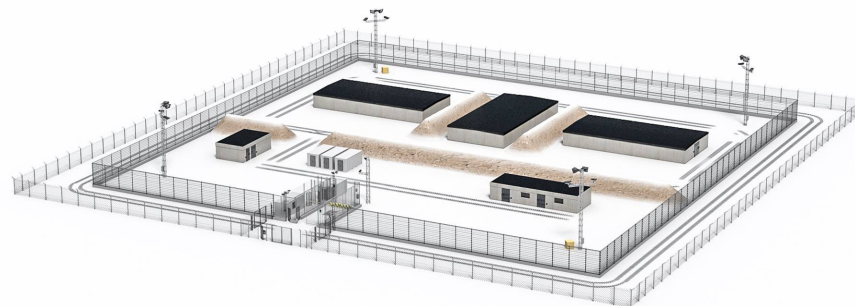


High security Store and Shelter.

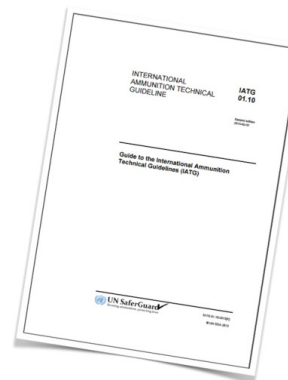
Protected private homes



Storage area for weapon and ammunition

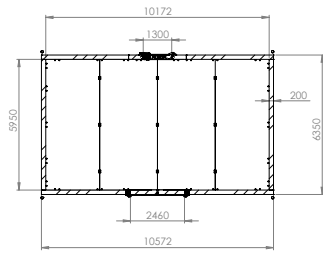
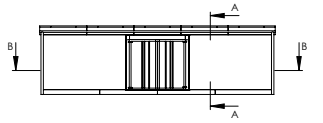


Implementation Of New Procedures

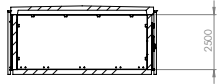
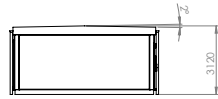


- Full procedures for handling, storing and guarding according IATG is handed over along with training for domestic staff to remain on the plant
- Removing the temporary facilities
- Permanent protection measures and buildings are finalized
- Procedures for regular inspections are introduced

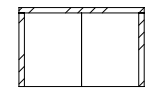
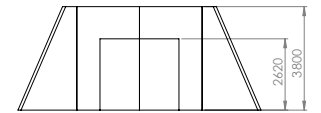
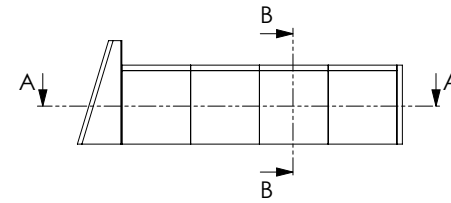
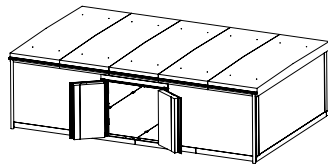
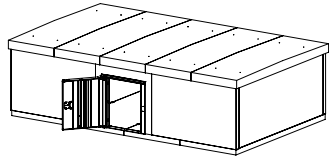
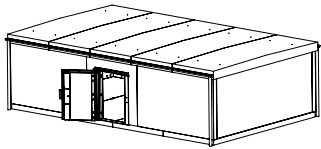
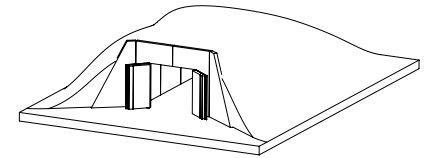
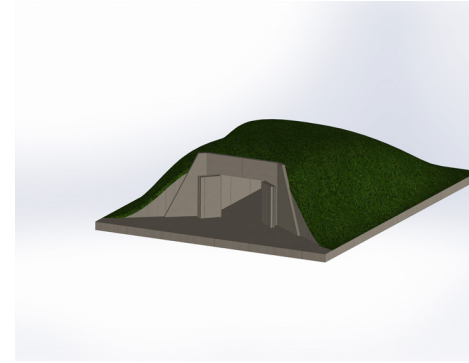
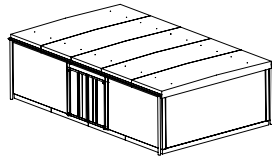
Implementation of new procedures for ammunition- and explosive stores.



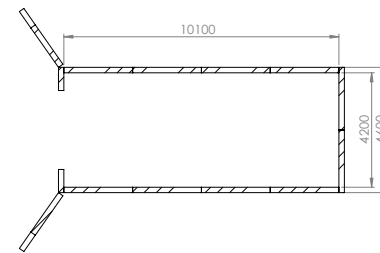
SECTION B-B
SCALE 1 : 100



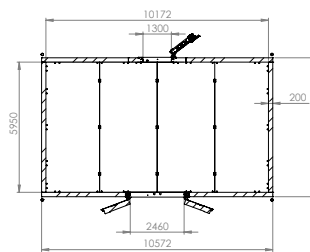
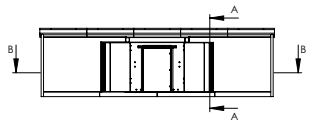
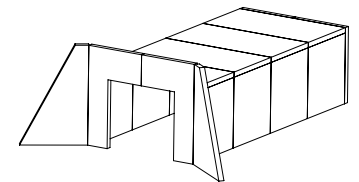
SECTION A-A
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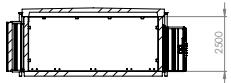
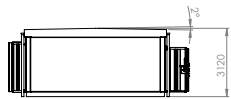
SECTION B-B



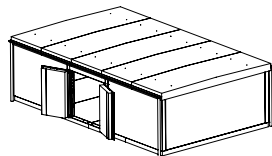
SECTION A-A



SECTION B-B
SCALE 1 : 100



SECTION A-A
SCALE 1 : 100





Cesium AB högsäkerhetsbyggnader och högsäkerhetsdörrar

Explosiv-varuförråd, vapenförråd samt övriga högsäkerhetsprodukter

- tillverkas av prefabricerad armerad specialbetong eller kompositier av stål, betong och fibrer.
- levereras nyckelfärdiga enligt beställarens specifikation.
- är demonterbara och kan flyttas, vilket ger ett högt andrahandsvärde.
- kan skattemässigt betraktas som antingen fast eller lös egendom.
- är förberedda för montering av åskskydd.
- är förberedda för montering av larm och elektrisk installation.
- levereras med specialfordon och monteras omedelbart på av köparen iordningställd grusbädd.

Alla produkter

- kan skräddarsys mot kundens krav.
- skyddas av många svenska och utländska patent.
- är kvalitetscertifierade av RISE.
- är marknadens bästa alternativ!
- kan levereras som RÖS- och EMP-skyddade.
- faktisk uppmätning av RÖS visar på god elektromagnetisk skärmning.

Cesium AB

- är specialiserat på högsäkerhetsbyggnader med högt inbrottsmotstånd.
- är ett helsvenskt bolag grundat av Jack Gustavsson 1960.
- all konstruktion och tillverkning sker i Katrineholm.
- är specialiserat på byggnader som lägst uppfyller kraven på inbrottskydd enligt SSEN 1143-1 Grade VI.
- utveckling, konstruktion och tillverkning sker i Katrineholm.
- har ett certifierat ledningssystem enligt ISO 9001.
- kunder är försvarsmakter, försvarsindustri, kärnkraftindustri, explosivämnesindustri, vapenhandlare med flera.
- deltar som expert på fysiskt skydd och förvaring av ammunition i FN-projektet SaferGuard (<https://unsafeguard.org>).



Cesium AB high-security buildings and high-security doors

Explosives and Weapons stores and other high-security products

- made of prefabricated steel-reinforced concrete or composites of steel, concrete and fiber's.
- delivered turnkey according to the client's specification.
- are demountable and can be moved, resulting in a high resale value.
- can be regarded, for tax purposes, as either fixed real or moveable property.
- are prepared for mounting of lightning protection.
- are prepared for mounting of alarms and electrical installation.
- delivered with special vehicles and mounted immediately on a gravel bed prepared by the buyer.

All products

- can be tailored to the customer's requirements.
- can be delivered as Tempest tested and EMP protected.
- Products are protected by many Swedish and Foreign patents.
- are quality controlled and certified by RISE.

Cesium AB is the market's best alternative!

- Specializes in high-security buildings with high burglary resistance.
- Is an all-Swedish company founded by Jack Gustavsson in 1958.
- Specializes in buildings that at least meet the requirements for burglary protection according to SS-EN 1143-1 Grade VI or better.
- Development, construction and manufacturing takes place in Katrineholm.
- Has a certified management system according to ISO 9001.
- Customers are the armed forces, the defense industry, the nuclear industry, the explosives industry, etc.
- Participates as an expert in physical protection and munitions storage of ammunition in the UN project SaferGuard project (<https://unsafeguard.org>).

The Security Vault for a demanding world



The Security Vault are certified by RISE (Research Institutes of Sweden) to the International and European security standards EN 1143-1:2012 in Grade VI.

CESIUM AB

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