

Protect your confidential data

Anti-bugging devices prevent spying

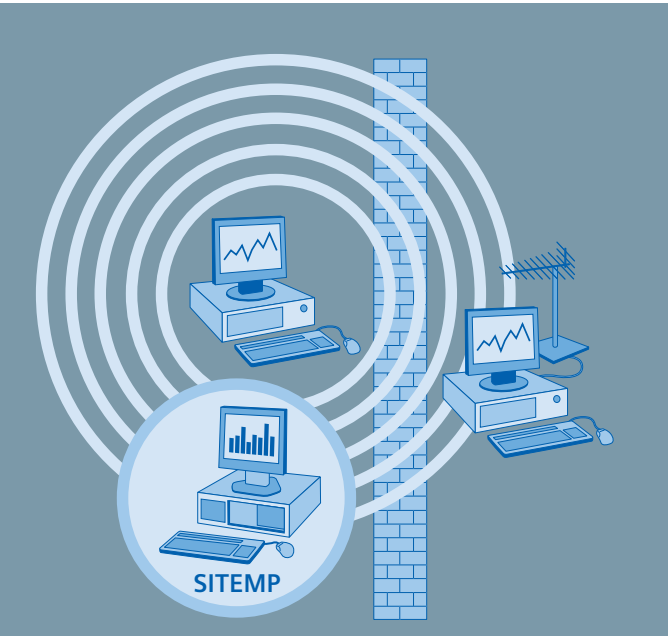


SITEMP

Answers for industry.

SIEMENS

SITEMP anti-bugging devices for top-security environments



SITEMP complete system Zone 1/SDIP 27 B

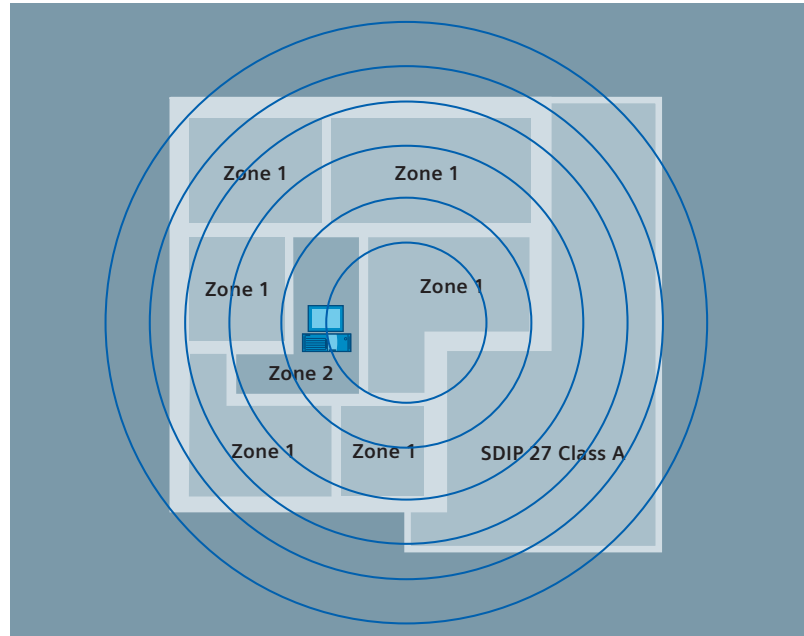
Do you use a computer with a monitor where you work? If so, you are no doubt aware that your data can be picked up within a radius of up to 1000 meters. The reason is that all electrical devices, especially computers and monitors, emit electromagnetic energy to their surroundings.

This energy then spreads itself out through any conductive objects that happen to be near, such as water pipes, heating pipes, power cables or air-conditioning units. The energy also spreads itself out through the atmosphere and can then be regarded as a form of "compromising emission."

This emission can be intercepted with suitable receiving devices. It is therefore child's play for an expert to pick up a monitor's data contents with the help of an antenna and display the information on a standard monitor.

The synonym for emission security is TEMPEST (Temporary Emanation and Spurious Transmission).

SITEMP® is the TEMPEST family of products from Siemens.



Only when a SITEMP product has passed the emission test can it carry the BSI and SIEMENS test seal.

Watch out! Spies exist!

Everywhere in the world, there has been an increase in data espionage. The resulting damage to the economy amounts to billions every year. In order to prevent spying, many official areas, state offices, protectors of the constitution, the secret services, etc. have already been equipped with anti-bugging devices.

Anti-bugging equipment protects your confidential data against espionage. This form of protection is used in the private sector, in highly sensitive research and development facilities as well as by IT service providers.

SITEMP stops spying!

The SITEMP family of anti-bugging devices protects your confidential data by means of an electromagnetic shield. It satisfies the highest security requirements in accordance with the criteria of SDIP 27 Class A or the BSI zone model and has been certified by the German Federal Office of Information Technology Security (BSI) for processing confidential information. Unauthorized access to your data is therefore impossible and your valuable expertise is protected at all times.

We are also the only company in the world with a test center which has been authorized by the BSI and is allowed to perform certification measurements and series measurements in accordance with the NATO standard SDIP (SECAN Doctrine and Information Publication), and the BSI zone model.

Protection against spying in accordance with SDIP and the BSI zone model

In the BSI zone model, the low-emission family of TEMPEST products is divided into zones 1 to 3. This means an area of a building that is divided into different emission zones due to the structural features of the building. SDIP 27 Class A is the highest security level, followed by zones 1, 2 and 3.

Among the SITEMP range of TEMPEST products, you can find exactly the right device to meet your specific security requirements.

You can rely on our service – and on our experience as well



Reduced electromagnetic emission
due to cables with ferrite core



Galvanic isolation by means of the media converter
with fiber-optic conductors prevents emission



Filtered connections make the
SITEMP printer spy-proof

Quality – made in Germany

SITEMP products are developed, produced and certified in Germany. Our production facility is certified according to ISO 9001 and is subject to extremely strict security regulations and quality checks. All SITEMP devices are subjected to a complete emission test after first undergoing a functional test and system test.

We would be pleased to prove your IT environment and develop a tailor-made protection package – exactly in line with your particular requirements.

Versatile with a long availability

SITEMP devices are high-quality brand-name products. They are high-performance PCs and combine the security functions of a standard device with the special TEMPEST requirements in conjunction with especially long availability. For small order quantities, the SITEMP PCs can be tailor-made for your requirements by means of a selection of configurable components. If you need a large number of devices, the PC configurations are manufactured and certified on the basis of the user specification.

You can therefore profit from the benefits of high versatility and availability while ensuring maximum protection against spying.

Highlights



As a manufacturer of spy-proof PCs, Siemens has been successfully active in the TEMPEST market for 25 years under the brand name SITEMP. This series of products includes SITEMP PCs, LCD monitors, printers, scanners and media converters. They protect your confidential data against anyone who attempts to spy on your data by intercepting electromagnetic emissions. Unauthorized access to your data is therefore impossible and your valuable expertise is protected at all times.

The advantages of the SITEMP family of products are as follows:

- High degree of protection for your confidential data (SDIP Class A, BSI zone model 1 to 3)
- Long service life and high availability of spare parts
- Low power consumption
- Highly compact and reliable
- User-friendly and quiet for use in the office or factory
- Flexible, individual configurations and modifications such as the addition of hard drives or interfaces

Further information

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