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WinRAR®

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Language English

The compression & encryption solution for Government Institutions

With the threat of cyber-attacks increasing, the need for more robust and secure encryption software has never been higher.

Meeting all government requirements for data protection, and with easily implementable administrator controls, WinRAR is the go-to tool for all government, military and defence departments. The AES 256-bit, FIPS compliant encryption capabilities, recovery record and its ability to be incorporated into existing software; unpacking and scanning for malicious content, makes WinRAR the first choice for these departments and contractors.

Defend The Data

Increases in threats from cyber-criminals and the introduction of stricter security standards demands an advanced approach to the safekeeping of classified and sensitive data by government agencies. These agencies and departments hold vast amounts of data on civilians as well as state secrets.

The use of data encryption in government institutions should be mandatory and is the simplest way, and the first step these institutions should take to protect the mammoth amount of information they have to process and store.

Encrypt The Data

Data encryption is a common and very effective method of securing sensitive and classified information. It is the most straightforward way of protecting individuals and an organisations data.

- Authentication

An important feature in proving that a website is legitimate and has been assigned an SSL certificate. With an increasing number of fraudulent websites online, this is becoming an extremely important function. Ensuring that data shared, stored or archived is encrypted to prevent modification or a data breach.

- Privacy

Encryption software guarantees that messages, emails and files containing sensitive information cannot be read while they are in transit or at rest.

- Compliance

Many industries, and particularly government institutions have strict rules in place that ensure all data that they collect and/or store, is encrypted. Examples of these directives include the GDPR, HIPAA and CCPA.

- Security

If an employee has their mobile device stolen, encryption software would protect the data stored on the device from falling into the wrong hands. It assists organisations with communication and ensures that their transmissions cannot be intercepted.

AES Encryption Technology

The Advanced Encryption Standard (AES) is the industry standard for governments, the military, financial organisations and the healthcare sector. The data encryption standard is available in 128-bit, 192-bit and 256-bit. AES is considered to be impervious to brute force attacks.

AES encryption software should be used in government institutions to protect:

- **Data In Transit –** this is active data traveling between devices, through private or public networks, such as email or messaging services.
- **Data At Rest –** this is data that is stored in any digital form, such as databases, mobile devices and hard drives. It is estimated that more than 90% of data is stored in this state.
- **Data In Process –** this is active data that is being used by an application or individual and is being frequently changed or modified.

WinRAR Can Help You Safeguard Your Data

The ever-changing security regulations that Government Departments must navigate, is helped by WinRAR's constant development, retaining its title as one of the most reliable and well-known compression solutions on Windows.

With WinRAR, users can set passwords for files and archives, which will not only encrypt the names with AES 256-bit, FIPs approved encryption technology, but will also encrypt the metadata too; making it virtually impossible for the contents of the files to be guessed or intercepted. These archives and files can then be safely stored on mobile devices and in the cloud.

With the ability to set up Administrator rights, organisations are in complete control over the data they store and, more importantly, over who can access it. WinRAR's built-in password manager is also a very useful addition to an already extensive arsenal, helping users to keep track of the numerous and difficult passwords required to keep sensitive data away from prying eyes.

WinRAR automatically stores the exact time that a file or archive was modified, time-stamping files and offering further control to system administrators regarding who and when data is being accessed. This goes hand-in-hand with WinRAR's in-built back up options and its lock archive function which prevents any accidental file modification.

Setting the recovery record with WinRAR can help with restoring damaged archives, and used alongside existing anti-virus tools, WinRAR can scan files and archives for malicious content before the data has been unpacked onto users' computers.

WinRAR's knowledgeable Sales & Support team have over 25 years of expertise. WinRAR is the leading software for file and data compression and encryption, used by Government departments all over the World. Compliancy with the GDPR, CCPA and other privacy regulations has never been easier using WinRAR's AES 256-bit encryption solutions.

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