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SONIC is a cost-effective WAN-based Top Secret (TS) shared working environment.

System Features
- Top Secret secure data repository
- Access to data repository across secure WAN
- Remote access terminals unclassified when not in use
- Site to site data transfer at any level from unclassified to TS

SONIC consists of two unique and accredited applications: StoS and PIEV.

StoS (Site to Site) is an application allowing the entire contents of media, either a floppy disk or a CD, to be transferred between identified sites using a dedicated communications path. The path is established and then broken as part of a session-based transaction. All events within the session are auditable with added verification of the destination user being identified and logged. CRC (Cyclic Redundancy Check) methodology is employed to ensure data integrity. Any interruption to the session either physical (i.e. network failure) or user-initiated (i.e. media ejection) causes the session to be 'torn down' without the data being physically written out ensuring complete control of the transfer.

StoS transfer provides an auditable mechanism for transferring files at different classifications ranging from RESTRICTED to TOP SECRET.

PIEV is a highly secure data repository, which provides users with the ability to Print, Import, Export or View MS Office files, and many other file formats, whilst maintaining a very high level of auditable security. The implementation allows sharing of highly classified documents over a geographically separated network and is fully scalable. The remote systems, being implemented utilising diskless workstations, are unclassified when not in use.

The ability to disseminate Top Secret information efficiently, whilst retaining document control greatly improves the cost and time factors of handling such information.

The system allows import and export of documents using removable media. A backup, restore and archive function is provided. Printing is audited to single page granularity.

Users can export a document to another system, add comments, review or amend and then re-import the document as a separate instance of the original file under tight configuration control. Additions or amendments to the original file are stored using a time-stamp to allow historical actions to be viewed, similar to a version control application.

Security on this system is extremely high, using role-based group access and tightly locked down facilities.

Both PIEV and StoS are configured to allow the generation of reports based on complete inter-site and user interaction from authentication to session termination.